

SUBMITTED TO:
PACCAR Inc



BY:
Shannon & Wilson, Inc.
400 N. 34th Street, Suite 100
Seattle, WA 98103

(206) 632-8020
www.shannonwilson.com

PUBLIC REVIEW DRAFT

Feasibility Study

8801 EAST MARGINAL WAY S., TUKWILA, WASHINGTON

Agreed Order No 6069



Submitted To: PACCAR Inc

Subject: PUBLIC REVIEW DRAFT, FEASIBILITY STUDY, 8801 EAST MARGINAL WAY
S., TUKWILA, WASHINGTON

Shannon & Wilson prepared this report and participated in this project as a consultant to PACCAR Inc. This report presents the Feasibility Study for 8801 East Marginal Way S, Tukwila, Washington, and was prepared by the undersigned. The findings, conclusions, and designs supersede those provided in the previous versions of this Feasibility Study.

We appreciate the opportunity to be of service to you on this project. If you have questions concerning this report, or we may be of further service, please contact us.

Sincerely,

SHANNON & WILSON, INC.

Scott W. Gaulke, PE, LHG
Vice President

Meg Strong, LG, LHG
Vice President

PJS:RBP:SKH:SWG:MJS/skh:rbp

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ACRONYMS

1,1-DCA	1,1-dichloroethane
8801 site	8801 East Marginal Way South
Amec	Amec Earth & Environmental, Inc. and/or Amec Environment & Infrastructure, Inc.
Anchor	Anchor Environmental, LLC., and/or Anchor QEA, LLC
AO	Agreed Order
ARARs	applicable or relevant and appropriate requirement
AS/SVE	air sparge/soil vapor extraction
AWQC	ambient water quality criteria
bgs	below ground surface
Boeing	The Boeing Company
BTEX	benzene, toluene, ethylbenzene, and xylenes
CAA	Clean Air Act
CenterPoint	CenterPoint 8801 Marginal LLC
CFR	Code of Federal Regulations
cis-1,2-DCE	cis-1,2-dichloroethene
COCs	chemicals of concern
cPAHs	carcinogenic polycyclic aromatic hydrocarbons
CSM	conceptual site model
CWA	Clean Water Act
DCA	Disproportionate Cost Analysis
DCE	dichloroethene
DNS	Determination of nonsignificance
Ecology	Washington State Department of Ecology
EPA	Environmental Protection Agency
ERD	enhanced reductive dechlorination
FFS	focused feasibility study
FS	feasibility study
Geomatrix	Geomatrix Consultants, Inc.
IAAI	Insurance Auto Auctions, Inc.
ISCO	in situ chemical oxidation
Kennedy/Jenks	Kennedy/Jenks Consultants
LDW	Lower Duwamish Waterway
Leidos	Leidos, Inc.
MCH	Merrill Creek Holdings, LLC
mg/kg	milligrams per kilogram
MNA	monitored natural attenuation
Monsanto	Monsanto Chemical Company
MSL	mean sea level

ACRONYMS

MTCA	Model Toxics Control Act
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NRWQC	National Recommended Water Quality Criteria
ORC	oxygen releasing compound (trademarked)
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PCE	tetrachloroethene
PCULs	preliminary cleanup levels
POCs	points of compliance
POTWs	publicly owned treatment works
PQL	practical quantitation limit
RAOs	remedial action objectives
RCRA	Resource Conservation and Recovery Act
RCW	Revised Code of Washington
REL	remediation level
RI	Remedial Investigation
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SEPA	State Environmental Policy Act
SMA	Shoreline Management Act
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
TEE	terrestrial ecological evaluation
TEQ	toxicity equivalent quotient
TPH	total petroleum hydrocarbons
UIC	underground injection control
USTs	underground storage tanks
VOCs	volatile organic compounds
WAC	Washington Administrative Code
Windward	Windward Environmental LLC
WISHA	Washington Industrial Safety and Health Act
Work Group	Phthalates Work Group
µg/L	micrograms per liter

1 INTRODUCTION

This report presents the feasibility study (FS) for the property at 8801 East Marginal Way South (8801 site) in Tukwila, Washington (Figure 1). The 8801 site consists of both an upland portion (the 8801 property) and the adjoining sediments in the Lower Duwamish Waterway (LDW). The 8801 site is subject to two separate Agreed Orders (AOs): AO No. 6069, which applies to the 8801 property, and AO No. 3599, which applies to the adjoining LDW sediments. This report fulfills the FS requirements in AO No. 6069.

An approximately five and a half mile stretch of the LDW has been designated as a Superfund site by the U.S. Environmental Protection Agency (EPA). The Record of Decision (ROD) for the LDW Superfund site remediation was issued in November 2014 (EPA, 2014). The remedy for the sediment portion of the 8801 site is prescribed in the ROD. Dredging and enhanced monitored natural recovery have been selected as the remedy for the sediments adjoining the 8801 property. The sediment remedy will not be implemented until 2020 at the earliest, because a three-year pilot test began in 2017 to determine the effectiveness of enhanced monitored natural recovery in the stretch of the LDW that includes the 8801 site. The scope and details of the remedy could change depending on the results of the pilot test, and remedial design of the sediments will likely not begin until the pilot test is over.

Washington State Department of Ecology (Ecology) is working with the EPA to identify and remove sources of ongoing contribution to the LDW. Since the 8801 property is adjacent to the LDW, the remedial actions detailed in this report are designed to be protective of the sediments and surface water of the LDW. This report was prepared in accordance with the Model Toxics Control Act (MTCA) and Ecology's corresponding Cleanup Regulation (Washington Administrative Code [WAC] Chapter 173-340) (Ecology, 2013).

1.1 Background

A Remedial Investigation (RI) report for the 8801 property, dated May 18, 2011, was approved by Ecology in 2012 (Amec Earth and Environmental, Inc [Amec], 2011). The RI Report included a comprehensive summary of past investigation and remedial actions previously completed on the 8801 property and described the areas of concern at the time of writing. In 2011, when the RI Report was generated, the values used to screen the chemicals were different from the current screening levels. Based on the findings in the RI Report, a Focused FS data gaps investigation was undertaken in September and October 2011. The information from the 2011 investigation was incorporated into a Focused FS report. In 2013, the final Focused FS report for the 8801 property was submitted to Ecology (Amec, 2013).

The 2013 Focused FS report contained values used to screen the chemicals (both from the investigation in 2011 and from previous investigations) that are different from the current screening levels.

In 2017, Ecology provided LDW-specific preliminary cleanup levels (PCULs) that account for LDW-wide specific criteria (such as total organic carbon concentration) and that are protective of the sediments and surface water in the LDW and updated those values in 2018 (Ecology, 2018). In 2019, new groundwater data was collected from the 8801 property. The groundwater samples were collected to provide updated information for this report and to provide baseline data in advance of proposed redevelopment (discussed later).

Presented in this FS is data from previous investigations collected on the 8801 property including groundwater data from 2019 screened against the PCULs. The screened data has been compared against the PCULs, and the distribution and occurrence of the chemicals was determined. After consideration of the distribution and frequency of occurrence of the chemical, relevant chemicals in each media were selected. Using the refined data, the chemicals of concern (COCs) and areas of concern for the 8801 property were established. The COCs and areas of concern were used as the basis for the remedial alternative analysis and selection presented in this FS.

1.2 Objective

The objective of this FS is to:

- Present the approach used to identify the COCs for the 8801 property and the distribution of those COCs,
- Identify remedial action objectives (RAOs),
- Evaluate and select the remedial alternatives that meet the MTCA requirements to address the COCs, and
- Provide a schedule for the implementation of the selected alternative.

1.3 Report Organization

This document presents a brief background of the 8801 property, findings from various environmental investigations conducted at the property, RAOs and performance criteria, and the screening and selection of applicable technologies and remedial alternatives. The report comprises the following sections:

- Section 1 – introduces the background for the report and lays out the objectives.

- Section 2 – discusses the site setting and history, previous investigation findings and remedial actions on and adjacent to the 8801 property, current and future uses of the property, the basis for the selected PCULs, and the conceptual site model (CSM).
- Section 3 – presents the selection of COCs, the fate and transport of those chemicals, and the distribution of the COCs.
- Section 4 – presents data collected during previous investigations completed at the 8801 property, including soil (separated into unsaturated soil and saturated soil), groundwater, stormwater solids, and infrastructure samples.
- Section 5 – discusses the applicable regulations for proposed cleanup activities, proposed cleanup and remediation levels for the selected COCs, and the proposed points of compliance (POCs) for each media.
- Section 6 – discusses the RAOs, MTCA threshold requirements, and remedial alternatives.
- Section 7 – evaluates and compares the remedial alternatives, discusses contingency actions, institutional controls and performance and compliance monitoring.
- Section 8 – provides the report limitations.
- Section 9 – lists references used in the report.

2 OVERVIEW

This section presents an overview of the 8801 property location and history, presents the geology and hydrogeology, discusses past investigation on and adjacent to the 8801 property and remedial activities, identifies the PCULs that are relevant, and presents the CSM. Information reported here is primarily sourced from information presented in the RI (Amec, 2011) and site investigation undertaken in 2011 (Amec, 2013).

2.1 Physical Setting

The 8801 site is in the Green-Duwamish River Watershed, which drains approximately 483 square miles in northwestern Washington. The upland portion of the 8801 property lies adjacent to the LDW, approximately 4 miles upstream from the mouth of the River (Figure 1). The upland portion of the 8801 property is relatively flat, with a ground surface elevation of approximately 20 feet above mean sea level (MSL).

2.2 Property Description

The upland portion of the 8801 site occupies 24.30 acres on the east bank of the LDW at 8801 East Marginal Way South (King County parcel no. 5422600060), Tukwila, Washington

(Figure 2). The property is zoned manufacturing industrial center/heavy industry by the City of Tukwila.

The upland portion of the 8801 site is owned by CenterPoint 8801 Marginal LLC (CenterPoint). The 8801 property has been leased to Insurance Auto Auctions, Inc. (IAAI) since 2004. Until approximately September 2018, IAAI used the 8801 property to store and auction damaged and wrecked vehicles. Although IAAI is still the tenant, they removed all the stored and damaged vehicles from the 8801 property in August and September 2018. At the time of writing, IAAI is using part of the 8801 property for administrative purposes and is continuing to manage the stormwater system as a requirement of their discharge permit.

CenterPoint plans to redevelop the property once IAAI terminates the lease. The redevelopment is slated for late 2019 through 2021. The redevelopment plans include demolition of all the buildings except a smaller warehouse on the west of the 8801 property (the former fiberglass shop) and construction of an approximately 414,400-square-foot building for industrial use and trailer storage. The design of the building includes importing fill to raise the floor level approximately 4 feet above existing grade to allow direct truck loading. The footprint of the development relative to existing buildings and monitoring wells is shown on Figure 3.

Four buildings are currently located on the 8801 property and are described as follows:

- A one-story, 165,600-square-foot masonry warehouse building previously used for manufacturing activities located on the eastern side of the property (warehouse) and more recently used by IAAI to store and conduct the auction of the damaged vehicles;
- A small former boiler and powerhouse building located on the northwest side of the warehouse building and used by IAAI for storage;
- A two-story, 24,520-square-foot administration building located on the eastern portion of the property; and
- A 43,200-square-foot warehouse previously used as a fiberglass shop located at the western site boundary along the LDW. This building houses an air sparge/soil vapor extraction (AS/SVE) remediation system in the southeast corner of the warehouse. IAAI used this warehouse to store damaged vehicles until they were removed after a fire in 2014.

The remainder of the 8801 property is undeveloped paved area and the property perimeter is surrounded by a tall chain link electric fence. A metal former water tower lies within the northern central part of the property. IAAI used this paved area as the principal storage area for the damaged vehicles.

Two main storm systems drain the 8801 property and discharge to the LDW as the North Outfall (No. 1) and the Central Outfall (No. 2). The Central Outfall was previously known as the 8801 South Outfall. A middle outfall was plugged and closed in 2004. Stormwater system upgrades completed in 2007 included installation of filter and cyclone units to remove particulates prior to discharge at both existing outfalls. The principal northern drainage conveyance pipe was also relined by a process called slip-lining for much of its length in 2012. A King County storm drain, which conveys discharge from the King County Airport to an outfall at Slip 6 south of the property on the LDW, crosses the eastern portion of the 8801 property.

Located to the north are two parcels (0007400033 and 0001600014) owned by The Boeing Company (Boeing), one of which has been used for airplane manufacturing. To the south are two parcels (5422600010 and 5422600020). The western of these two parcels is owned by Container Properties LLC., and is also leased to IAAI. IAAI used the western parcel for the storage of damaged and wrecked vehicles until 2018. The Museum of Flight Foundation owns the eastern parcel, uses the property to store airplanes, and recently developed the land with one building that is used for pilot training. The 8801 property is bounded to the east by East Marginal Way South and to the west by the LDW.

2.3 Property History

The 8801 property was originally comprised of the northern two-thirds of the current footprint. The northern portion of the 8801 property was developed in approximately 1929 and was purchased by Kenworth, a subsidiary of PACCAR Inc in 1945. The stormwater system and main warehouse building were built around 1929 on this original footprint. The facility expanded westward toward the LDW between 1929 and the mid-1950s. In 1966, the southern one-third of the 8801 property was acquired from the Monsanto Chemical Company (Monsanto). After the acquisition of the southern parcel, the southwestern corner of the southern property, which was previously part of the LDW, was filled and the southern stormwater system was constructed.

The western edge of the 8801 property has a sheet pile wall bulkhead built in approximately 1929 that extends along the northern two-thirds of the western edge of the 8801 property to a depth of about 30 feet below ground surface (bgs). The sheet pile wall bends into the upland area of the 8801 property and extends approximately 100 feet to the east along the former southern property line. In the southwest corner of the 8801 property, a berm was built in approximately 1969 along the southern one-third of the western property boundary and to the east on the southwestern corner of the 8801 property. After the berm was constructed, approximately 10 feet of fill was placed on the east side of the embankment,

bringing the ground surface to roughly its present grade. Riprap armor was then placed on the two LDW-facing sides of the berm.

After 1946, the 8801 property was used for the assembly of trucks under the Kenworth name. The trucks were mostly constructed in the main warehouse building, where three assembly lines were present by the time of closure in 2002. The remainder of the 8801 property was used for support services, such as a tire shop, maintenance shop, fiberglass shop, cafeteria, and administration. The surface of the 8801 property has been fully paved since approximately the 1950s.

In 2004, the 8801 property was sold to Merrill Creek Holdings, LLC (MCH). MCH sold the 8801 property to CenterPoint in 2014. IAAI has been a tenant on the property since the sale in 2004.

2.4 Geology and Hydrogeology

This section summarizes the local geology, the inferred hydrogeology, and the tidal influence on the 8801 property.

2.4.1 Site Geology

Soil in the Lower Duwamish River valley typically consists of low- to moderate-permeability shallow alluvial deposits composed of stratified silt, clay, silty sand, sand, and occasional layers of peat. The alluvial deposits have been sourced from eroded soil and volcanic debris from Mount Rainier and have been deposited in association with organic material in the river system. The LDW channel has been modified by human activity, which introduced large amounts of sand, silt, and gravel related to channel alterations.

The distribution of chemicals on the 8801 property and associated geology is shown in cross sections. The cross-section profile lines are shown in Figure 4 and the cross sections are presented in Figures 5 through 8. Lithologic cross sections are provided in the RI (Amec, 2011).

Previous investigations by other parties at the 8801 property documented interbedded silt, sand layers, and lenses consistent with regional geology and deposits in a meandering river valley. Fill material underlies paved surfaces and is up to 10 feet thick in some locations. Fill materials include gravelly structural fill beneath buildings and paved areas, poorly graded sand to silty sand fill deposits, and gravelly backfill materials in excavations.

Fill material at the 8801 property is underlain by a layer of fine-grained material, including silt, sandy silt, and silty sand that extends to a depth of 5 to 15 feet bgs. This fine-grained material layer appears to be laterally continuous in the western portion of the 8801 property

but contains lenses of silty sand in the central and eastern portions. A poorly graded sand layer, which typically contains less than 10 percent silt, is generally present beneath the fine-grained layer beginning at 10 to 15 feet bgs, although at some locations it is present immediately beneath the pavement surface or the fill material. This layer locally contains thin lenses of silty sand or silt. A layer of fine-grained materials, consisting mainly of silt and silty sand, is typically present beneath the poorly graded sandy layer at depths of approximately 30 to 50 feet bgs. This fine-grained silty material acts as a confining layer to groundwater flow on the western part of the site. No deeper wells have been installed on the eastern part of the 8801 property to determine if the confining layer is continuous. The lower fine-grained layer is typically underlain by poorly graded sand to the maximum depth explored at the 8801 property (60 feet bgs).

2.4.2 Site Hydrogeology

Three groundwater zones (Zones A, B, and C) have been monitored at the 8801 property. Zone A comprises the uppermost portion of the upper aquifer, and wells were screened to include the free water surface (typically 8 to 10 feet bgs) within layers of silty sand, sandy silt, and poorly graded silty sand. Zone B comprises the lower portion of the upper aquifer (typically 25 to 35 feet bgs) and monitoring wells have been screened above the silty confining layer present in the western portion of the 8801 property. The upper unconfined aquifer consisting of Zone A and Zone B is approximately 35 to 40 feet thick from the top of saturated soil. Zone C comprises the lower aquifer, a deeper groundwater zone beneath the silty confining layer at approximately 45 to 55 feet bgs. The base of the deeper aquifer at the 8801 property is unknown; however, the thickness is a minimum of 20 feet. Monitoring wells MW-#A are screened within the Zone A aquifer, monitoring wells MW-#B are screened within the Zone B aquifer, and monitoring wells MW-#C are screened within the Zone C aquifer.

Results of groundwater monitoring at the 8801 property indicate that the hydraulic gradient in the shallow aquifer (Zones A and B) is generally toward the west and has been calculated to be 0.0017 during low tide (GeoEngineers, Inc. and Kennedy/Jenks/Chilton, 1990). Kennedy/Jenks Consultants (Kennedy/Jenks) calculated the hydraulic conductivity in 1998 in the shallow aquifer using slug test data for the 8801 property. The results were around 0.01 foot per minute, although tidal fluctuation would significantly reduce the flow rate of groundwater across the 8801 property (Kennedy/Jenks, 1998). Groundwater in Zone C is assumed to flow west toward the LDW, although insufficient data are available to calculate a hydraulic gradient in Zone C.

Groundwater elevation data from the 8801 property collected at or near low tide in 2002 and 2006 indicate downward vertical gradient from Zone A to Zone B and an upward gradient from Zone C to Zones A and B along the western boundary of the 8801 property.

The hydraulic gradient at the western edge of the 8801 property is influenced by the sheet pile wall bulkhead that extends along approximately the northern two-thirds of the western edge of the 8801 property to a depth of approximately 30 feet bgs. Water table elevation contours drawn from previous monitoring events and the 2011 data gaps investigation (Figure 9) show a general westward flow of groundwater across the 8801 property with localized flow to the southwest in locations close to the LDW (Appendix A). Groundwater upgradient of the sheet pile wall moves westward and is inferred to flow under the wall before moving upward and discharging to the LDW. The groundwater flow under the wall is inferred since little to no leakage through the sheet pile wall has been observed during low tide and contaminant distribution is consistent with a westerly groundwater flow. Groundwater also flows around the southern end of the sheet pile wall and discharges along a seepage face at low tide.

The water in the aquifers is anaerobic due to the use of oxygen by decaying of natural organic material. The naturally anaerobic groundwater conditions result in leaching of naturally occurring metals such as iron and manganese from the soil.

2.4.3 Tidal Influence

Tidal elevation data from the Zone A aquifer collected over ten groundwater sampling events conducted between April 1997 and August 2006 were used to predict the full range of tidal activity at the 8801 property from high-high to low-low tides. Data from the sampling events were compared to National Oceanic and Atmospheric Administration (NOAA) tidal data and corrected for the tidal and elevation differences between the NOAA station and the 8801 property. The tidal events were then plotted and used to determine tidal influence at the 8801 property (Anchor, 2008a provided as an appendix to the RI Report [Amec, 2011]).

Results of the analysis indicate that the maximum tidal fluctuation at the LDW 8801 site boundary ranges from -3.03 feet relative to MSL to +1.85 feet MSL in the southern portion of the 8801 property, where riprap demarcates the 8801 property boundary. Farther north, where the sheet piling bulkhead demarcates the 8801 property boundary, the maximum tidal fluctuation ranges between -1.80 feet MSL and +1.32 feet MSL. The North American Vertical Datum of 1988 (the upland elevation unit of measurement) is approximately 4.27 feet greater than MSL.

2.5 Previous Investigation and Remedial Activities

This section briefly describes the investigations and remedial actions that have been undertaken from 1986 to date at the 8801 property and some of the work undertaken on the adjacent properties. Investigation and remedial activities between 1986 and 2009 are described in greater detail in the RI Report (Amec, 2011). The location of previous 8801 property investigation points is shown in Figure 10, and the data and distribution of the data is included in the tables and figures presented in Appendix B.

2.5.1 Investigations – 1986 to 2009

Investigation commenced in 1986 with an assessment on the condition of 19 underground storage tanks (USTs) on the 8801 property (a figure showing the location of USTs and aboveground storage tanks, and tables detailing the contents are provided in Appendix A). After assessment was complete, 11 USTs were removed, 1 was decommissioned in place, and 1 was replaced. Investigation around the USTs identified volatile organic compounds (VOCs) in groundwater in the north fire aisle where four USTs used to store solvents were located, and hydrocarbons in soil and groundwater along the south fire aisle where oils and diesel hydrocarbons used to fill trucks were stored. The primary solvent in use at the facility was 1,1,1-tetrachloroethane.

Over the next nine years, much of the investigation focused on delineating the VOC plume and assessing the effectiveness of pump and treat remedial activities associated with removal of the VOC groundwater plume. Other investigations at that time included collecting soil samples in the southern portion of the 8801 property to determine if Monsanto's past actions of placing fill on the 8801 property had impacted soil, and investigation and removal of a hydraulic oil spill on the western side of the 8801 property.

In 2002 and 2004, two site-wide investigations were undertaken that included collection of soil, groundwater, stormwater and solids, and seep samples. During both investigations, focused sampling was undertaken in areas where past activities or investigations indicated contaminants may be present. The 2004 investigation included collecting samples in a grid spaced approximately 100 feet apart across the whole property. The focused areas included the paint mixing area to the east of the main warehouse, the steam wash pit area just west of the water tower, the southwest storage area in the southwest corner of the property, the southern end of the Off-Highway Building (east of the fiberglass building), and along the southern fire aisle where the hydrocarbon USTs had been located. Samples collected from borings parallel with the western boundary were collected and analyzed for the sediment management standard suite of chemicals and pesticides, herbicides, and dioxin/furans.

Site-wide groundwater sampling events were undertaken in the spring and fall of 2006. Chemical analysis included VOCs, metals, total polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), semi-volatile organic compounds (SVOCs), and total petroleum hydrocarbons (TPH). During the spring sampling, groundwater samples were collected from wells located adjacent to the LDW during both low and high tide conditions. The low and high tide samples were compared to determine if tidal conditions (and potential dilution by incoming river water) affected chemical concentrations; the impact was observed to be negligible. In addition to collecting groundwater samples from wells on the property, samples were also collected for metals analysis from two wells (I-205, and I-206) on the adjacent Boeing property to the north. High levels of arsenic in groundwater were detected in the groundwater on the Boeing property but not in wells on the 8801 property.

Investigation of sediments adjacent to the 8801 property has been undertaken as part of the LDW-wide RI work. Under the requirements of the sediment AO, the sediments immediately adjacent to the 8801 property were also investigated in 2006 and 2008. These samples were collected at 22 stations in proximity to the 8801 property at approximate depths ranging from 0 to 10 centimeters. Sediment samples were analyzed for metals (arsenic, cadmium, chromium, copper, lead, mercury, silver, and zinc); PCBs; low-molecular-weight PAHs; high-molecular-weight PAHs; chlorinated hydrocarbons; phthalates; hexachlorobutadiene; *N*-nitrosodiphenylamine; phenols; benzyl alcohol; benzoic acid; SVOCs; and dioxins/furans. Further sampling was undertaken in February 2008 to re-assess specific surface locations and collect core samples of the deeper sediment at four locations. The core samples were collected in the LDW near the three outfalls and the northern property boundary. Surface sediment samples were collected adjacent to the northern property boundary. These samples were analyzed for the sediment management standards suite of compounds. The results of both investigations are presented in a report generated by Anchor QEA, LLC in 2009 (Anchor, 2008b). Excerpts are enclosed in Appendix A.

2.5.2 Investigations – After 2009

In 2009, IAAI was requested by Ecology to sample the solids within the stormwater system on the 8801 property. Windward Environmental LLC (Windward) prepared a sampling and analysis plan (SAP) that was approved by Ecology. The work included collecting samples of solids from catch basin inserts, catch basins, and the stormwater treatment system on a quarterly basis for a period of one year between 2009 and 2010. Windward subdivided the 8801 property into areas and collected composite samples within those areas. The report concluded that the solids identified in the stormwater system at the 8801 property are similar to those identified on other urban sites along the LDW (Windward,

2011). Tables and figures from Windward's report are provided in Appendix A, and the stormwater data is included in Table B-23 in Appendix B.

In 2011, Amec undertook a feasibility data gaps investigation. Ecology approved the SAP in advance of the investigation work. The objective of the investigation was to delineate areas of concern and collect information to inform the remedial alternative selection. The investigation included 12 soil borings (DG11-1 to DG11-12) for the collection of soil samples, drilling and installation of 11 monitoring wells (MW-43A, MW-44A, MW-45A, MW-46A, MW-47A, MW-48A, MW-49A, MW-40B, MW-47B, MW-48B, and MW-49B) for the collection of soil and groundwater samples, and the collection of building and infrastructure surface materials for analysis. The data from this report is incorporated into tables in Appendix B and locations are shown in figures in Appendix B.

In 2009, Boeing's consultant investigated the southern boundary line of their property; the investigation was primarily targeted on VOC data. The investigation identified VOCs in shallow and deeper soil at low concentrations. In 2011 through 2012, monitoring wells located on the adjacent Boeing property to the north were sampled and analyzed by Boeing's consultant. During four sampling events, monitoring well IT-MW-6 on the adjacent property contained trichloroethene (TCE) and vinyl chloride above the cleanup levels at that time. Monitoring well IT-MW-7 also contained TCE above the cleanup level at that time during the first sampling event but not during subsequent events. Excerpts from the reports are provided in Appendix A, and the well locations are shown in Figure 10.

In October 2014, Leidos, Inc. (Leidos) on behalf of Ecology inspected various stormwater vaults and collected two stormwater samples on the 8801 property. Stormwater samples were collected from catch basin N(60) located in the north west corner of the property, and from the pre-treatment vault associated with the treatment system at the Southern Outfall on the property. The samples were analyzed for LDW parameters including dioxin/furans and PCBs as aroclors and congeners. The data is presented in Appendix A.

In March and April 2017, Leidos on behalf of Ecology collected groundwater and surface water samples from 17 properties located immediately adjacent and regionally upgradient from the LDW. At the 8801 property, monitoring wells MW-16A, MW-30A, and MW-42A were sampled and analyzed for PCBs as congeners and as aroclors. In advance of the groundwater sampling by Leidos on the 8801 property, the three monitoring wells were inspected, and polyethylene tubing found at the base of MW-16A was removed on March 16, 2017. According to the data report summarizing the results (Leidos, 2017), the samples collected at the 8801 property contained total PCB congeners at concentrations ranging from 0.00299 J (J means an estimated concentration rather than an actual concentration) micrograms per liter ($\mu\text{g/L}$) to 0.0352 J $\mu\text{g/L}$. PCB aroclors were not detected

within two samples and were detected in one sample. MW-16A had PCB detections both as congeners and aroclors. The groundwater sample from MW-16A was also analyzed as an unfiltered and filtered sample. The filtered sample also contained PCBs as congeners and aroclors. The polyethylene tubing may have contributed to the congener concentration identified in MW-16A, since polyethylene tubing has been analyzed and found to contain detectable congeners (Leidos, 2016).

Groundwater sampling on the 8801 property was undertaken in February 2019. Ecology approved the work plan in advance of the sampling. The objective of the sampling was to collect current halogenated VOC data to inform the remedial design approach and to obtain baseline data from monitoring wells downgradient of the proposed area of development. Groundwater samples for analysis were collected from 36 wells on the 8801 site (MW-1A, MW-6A(R), MW-7A, MW-9A, MW-12A, MW-14A, MW-15A, MW-16A, MW-18A, MW-22A, MW-23A, MW-24A, MW-25A, MW-26A, MW-27A, MW-28A, MW-28B, MW-29A, MW-30A, MW-31A, MW-32A, MW-33A, MW-34A, MW-35A, MW-36A, MW-37A, MW-40A, MW-40B, MW-41A, MW-42A, MW-43A, MW-44A, MW-45A, MW-46A, MW-47A, and MW-48A) and 2 wells on the adjacent Boeing property (IT-MW-6 and IT-MW-7). Groundwater from most of the 8801 property wells were analyzed for halogenated VOCs, carcinogenic PAHs (cPAHs), bis(2-ethylhexyl)phthalate, and total and dissolved arsenic and copper. A subset was analyzed for gasoline and diesel range hydrocarbons and monitored natural attenuation parameters. Five nearshore wells (MW-30A, MW-35A, MW-36A, MW-37A, and MW-44A) were also analyzed for PCBs by aroclor and congener. The Boeing wells were only sampled for halogenated VOCs. The data from this sampling event is incorporated into tables in Appendix B.

2.5.3 Past Remedial Activities

Remedial activities have been undertaken on the 8801 property since 1986. Major remedial activities have included removal of USTs, installation of a groundwater pumping and treatment system, excavation and disposal of contaminated soil, application of oxygen-releasing compounds (ORC™) to the subsurface soil, storm drain inspection and cleaning, installation of an AS/SVE system, installation of two stormwater treatment systems, and slip-lining parts of the stormwater system pipes. The location of the excavations and ORCTM injections is shown in Figure 11. The activities are described below in date order:

- Removal of 11 USTs in 1986. One UST that stored acetone was closed-in-place at that time.
- Extraction of groundwater from the north fire aisle from 1993 until well failure due to brackish water in 1995.

- Excavation and off-site disposal of 80 cubic yards of soil impacted with hydraulic oil from the north end of the southwest storage area in 1995.
- Removal of a diesel UST located in the south fire aisle due to a diesel release. The UST was removed, 200 feet of the storm drain was replaced, and approximately 200 cubic yards of impacted soil was excavated and disposed of offsite in 2000.
- Removal of two USTs containing oil and antifreeze along the south fire aisle. Approximately 120 cubic yards of petroleum-impacted soil were excavated and disposed of offsite in 2001.
- Completion of video camera surveys of the stormwater drain system between 2001 to 2003.
- Removal of two diesel USTs and one oil UST from the south fire aisle and excavation and off-site disposal of approximately 735 tons of petroleum-impacted soil in 2003. ORC™ was placed in the excavation prior to backfill.
- Removal of the previously (1986) closed-in-place acetone UST from the northwest area in 2003.
- Installation of the AS/SVE system, including excavation and off-site disposal of approximately 1,100 tons of soil in 2004.
- Excavation of approximately 1,470 tons of petroleum-impacted soil near the eastern end of the south fire aisle in 2004.
- Excavation of 140 tons of petroleum-impacted soil west of the main warehouse building (at the H4 location on the grid sampling points) in 2004.
- Placement of ORC™ on the western end of the south fire aisle corridor in 2004.
- Comprehensive cleanout of the on-site storm drain system, storm drain lines, and catch basins by flushing solids from the line, off-site disposal of collected solids and wash water, and capping and closure of the middle outfall in 2004. A catch basin located 100 feet east of the middle outfall and associated piping was filled with controlled density fill in 2006.
- Repair of a break in the stormwater pipe in 2006 (east of the oil/water interceptor in the northwest corner of the property) by injection of a sealant and lining of the pipe with a resin-impregnated felt.
- IAAI installed two vaults to treat stormwater – one east of the North Outfall and one east of the Central Outfall (formerly known as the South Outfall) in 2007. The work adjacent to the Central Outfall also included some regrading to ensure sheet flow of stormwater did not drain to the LDW. The stormwater treatment system consisted of a cyclone and filter system designed to remove particulates and other contaminants to ensure that the stormwater met the National Pollution Discharge Elimination System (NPDES) permit that IAAI has for their operations. During excavation work for the

vaults, sidewall and bottom soil samples were collected and analyzed (the data is included the soil tables presented in Appendix B).

- IAAI slip-lined the main conveyance line of the northern stormwater system from the northwest corner (adjacent to the southeast of their stormwater vault) to the middle of the warehouse in 2012. A figure showing the location of the slip-lining work is provided in Appendix A. The western portion of the stormwater line is submerged below the groundwater table. It is understood that the purpose of the slip lining was to reduce the contribution of zinc from the metal pipe to the stormwater. Solids that accumulated in the stormwater line were removed in advance of the work. Data from that removal action is included in Table B-23 in Appendix B.
- IAAI's NPDES permit number WAR008681 was renewed in 2015 and is effective through 2019. The permit covers stormwater outfall from operations at the 8801 property and the adjacent property to the south (Container Properties LLC). IAAI has upgraded the stormwater system on the 8801 property based on exceedances of the copper and zinc benchmark values, changing the treatment filter material from zeolite, perlite, and granular activated carbon to Metals Rx™. Other upgrades include adding modular treatment systems to the base of downspouts from the warehouse building, more frequent cleaning of gutters on buildings, painting of flashing to contain surface materials, reducing the use of copper-containing herbicide, and improving their site-wide management of materials.
- In 2007, characterization and remedial activities were undertaken in the north west corner of the Container Properties western parcel immediately south of the 8801 property. During characterization activities green soil with viscoelastic behavior (like silly putty) was noted in three borings and hydrocarbons odors were noted in other samples. Remedial activities consisted of excavation to remove copper (maximum concentration of 18,200 milligrams per kilogram [mg/kg]), and TPH (gasoline maximum concentration of 13,000 mg/kg and diesel maximum concentration of 2,100 mg/kg) contaminated soil. During excavation activities hydrocarbon odors were noted in the north wall of the excavation (the southern boundary of the 8801 property). The excavation did not extend onto the 8801 property (Geomatrix Consultants, Inc., 2007.) The investigation and excavation report for these activities are included in Appendix A.

2.6 Preliminary Cleanup Levels (PCULs)

This section describes the selection of the appropriate PCULs to screen the soil and groundwater data for the 8801 property. The PCULs are protective of human health based on consumption of 97.5 grams of fish per day (Ecology, 2018).

2.6.1 Non-Potable Groundwater Determination

The highest beneficial use of groundwater under Ecology's MTCA is drinking water, unless the site meets the criteria for non-potable water listed in WAC 173-340-720(2). The

groundwater at the 8801 property has been determined to be non-potable as discussed in the RI Report (Amec, 2011). The reason the groundwater is non-potable is because the groundwater meets the WAC 173-340-720(2) requirements as follows:

- (2)(a) *The ground water does not serve as a current source of drinking water.*
 - The City of Seattle currently supplies drinking water to the 8801 property.
 - There are no drinking water supply wells at the 8801 property or any identified within a 1-mile radius down or cross gradient.
- (2)(c) *The department determines it is unlikely that hazardous substances will be transported from the contaminated ground water to ground water that is a current or potential future source of drinking water, as defined in (a) and (b) of this subsection, at concentration which exceed ground water quality criteria published in Chapter 173-200 WAC.*
 - Remedial investigation work undertaken at the 8801 property indicates that contaminated groundwater occurs in the two uppermost water-bearing zones. These two zones are within an unconfined aquifer in manmade fill and native alluvial silt and sand. The upper zone (Zone A) lies between approximately 8 and 20 feet bgs and the lower part of the aquifer (Zone B) lies at approximately 25 to 35 feet bgs. Both Zone A and Zone B discharge directly into the LDW. Contaminated groundwater in these shallow water-bearing zones will not flow laterally inland toward a current or potential future source of drinking water, because the inland aquifer is hydraulically upgradient of the shallow water-bearing zones.
 - Similarly, contaminated groundwater in the unconfined aquifer will not flow vertically downward into a deeper aquifer that could be a potential future source of drinking water, because groundwater flow from the deeper aquifer at the shoreline is upward, reflecting increasing hydraulic head with depth.
- (2)(d) *Even if ground water is classified as a potential future source of drinking water under (b) of this subsection, the department recognizes that there may be sites where there is an extremely low probability that the ground water will be used for that purpose because of the site's proximity to surface water that is not suitable as a domestic water supply. An example of this situation would be shallow ground waters in close proximity to marine waters such as on Harbor Island in Seattle. At such sites, the department may allow ground water to be classified as nonpotable for the purposes of this section if each of the following conditions can be demonstrated. These determinations must be for reasons other than that the groundwater or surface water has been contaminated by a release of a hazardous substance at the site.*
 - (i) *There are known or projected points of entry of the ground water into the surface water.*
 - Previous investigation work at the 8801 property indicates that groundwater enters the LDW.
 - (ii) *The surface water is not classified as a suitable domestic water supply source under Chapter 173-201A WAC.*

- The LDW is a brackish river due to the tidal exchange that occurs and does not classify as a suitable domestic water supply under Chapter 173-201A WAC.

(iii) The ground water is sufficiently hydraulically connected to the surface water that the ground water is not practicable to use as a drinking water source.

- Remedial investigation work at the 8801 property indicates that groundwater is hydraulically connected to the LDW and that tidal influence occurs no more than 400 feet distant from the river boundary. This distance would be increased by pumping groundwater for use outside the tidally influenced area. Consequently, it is not possible to utilize 8801 property groundwater for water supply due to the potential for drawing brackish water into the water-bearing zone (saltwater intrusion). Therefore, it is not practicable to use the groundwater as a drinking water source.

2.6.2 Terrestrial Ecological Evaluation

As discussed in the RI Report (Amec, 2011), the conditions on the 8801 property meet the requirement for ending the terrestrial ecological evaluation (TEE) based on the exposure analysis detailed in WAC 173-340-7491(1)(c)(i). A copy of the completed Table 749-1 is provided in Appendix A. The rationale for ending the TEE is supported by a survey by a biologist as detailed in the RI Report and is because the 8801 property is covered entirely with buildings and pavement and will continue to be covered with buildings and pavement in the future.

2.6.3 Selection of Preliminary Cleanup Levels (PCULs)

Because groundwater on the 8801 property is not and will not in the future be used for drinking water and the 8801 property groundwater meets the non-potable criteria (Section 2.6.1) and the 8801 property meets the requirement for ending the TEE (Section 2.6.2), the PCULs that relate to potable groundwater and the PCULs that relate to the protection of terrestrial ecological exposure were not considered during screening of the chemicals on the 8801 property.

For soil, the most stringent PCUL based on either non-potable groundwater, direct contact, bank erosion, or natural background (if applicable) was selected. The most stringent PCULs for soil are based primarily on saturated soil partition to groundwater that are protective of sediments and surface water in the LDW (Table 1). Although the groundwater table is generally at 8 feet bgs, and at least the top 3 feet of soil would be unsaturated (allowing for approximately 3 feet of groundwater rise due to the potential for future sea level change), the saturated soil value was conservatively used in the COC screening process (discussed in Section 3).

The most stringent PCULs for groundwater are based primarily on protection of surface water (consumption of organisms only) and protection of sediments (Table 2).

In some cases, alternative PCULs were selected when they were determined to be more appropriate for the 8801 property, including:

- The PCUL for iron in groundwater is based on protection of drinking water. Since the groundwater at the 8801 property is non-potable, protection of drinking water is not an appropriate PCUL basis. Iron is naturally present in groundwater within the LDW valley. The 90th percentile concentration of iron in the Duwamish Valley aquifer is 32,000 µg/L (Ecology, 2014). This concentration has been selected as the PCUL for iron.
- Like iron, manganese is naturally present in groundwater within the LDW valley, with a 90th percentile concentration of 2,500 µg/L (Ecology, 2014). Therefore, a concentration of 2,500 µg/L has been selected as the PCUL for manganese in groundwater.

3 CHEMICALS OF CONCERN (COCS)

This section describes how the 8801 property data was screened to select the COCs. The COCs for the 8801 property were selected in a stepwise manner using the guidance provided in WAC 173-340-703 and 173-340-708(2) and taking fate and transport into consideration. The cited regulations state that there are several factors that determine whether a chemical can be removed from consideration at a property. These factors include:

- *The toxicological characteristics of the substance.* Substances that do not adversely affect human health and the environment relative to concentrations of other substances on the site are considered not to impact the overall hazard and risk and can be eliminated.
- *The chemical and physical characteristics of the substance.* Substances that are not mobile and/or do not persist in the environment potentially may be excluded from further consideration.
- *The natural background levels of the substance.* The risks caused by naturally occurring substances above MTCA cleanup levels but at or below background concentrations are not addressed by MTCA.
- *Thoroughness of testing and frequency of detection.* If a substance contributes only a small percentage of the overall threat to human health and the environment and is not located in an area where other chemicals with high concentrations are also located, it may be appropriate to eliminate it.
- *Environmental fate.* Substances that readily degrade in the environment may not be of importance to overall hazard or risk. Conversely, those with highly toxic degradation products should be included in an analysis of overall hazard and risk (for example, vinyl chloride is a daughter product of the degradation of PCE or TCE).

3.1 Screening of Soil and Groundwater Data

The COC screening process for soil and groundwater is summarized in Tables 3 and 4, respectively. The process included calculation of sample statistics for the full list of chemicals analyzed in soil and groundwater and application of elimination criteria to screen out chemicals, resulting in the COC list. All available soil data was used to calculate sample statistics. Because groundwater concentrations change over time, only groundwater data from 2001 onward were used to calculate sample statistics.

3.1.1 Sample Statistics

As shown in Tables 3 and 4, the following statistics were calculated for each chemical:

- The total quantity of analyzed samples, the quantity of samples that were not detected above the laboratory detection limit (non-detects), and the quantity of samples that were detected above the laboratory detection limit (detects).
- The number of detects that exceed the most stringent appropriate PCUL, the number of detects that are below the PCUL, and the number of non-detects that exceed the PCUL.
- The minimum and maximum detected values, the sample name for the maximum detect, and the mean of the detected values.
- The PCUL.

The following rules were used to calculate the statistics:

- Where there were multiple samples analyzed at one location in a sample event (for example, a duplicate or a re-analysis of a sample), only one sample result was included in the calculation. For detects, the greatest detected concentration was used; for non-detects, the lowest reporting limit was used.
- In groundwater, only total metal concentrations were used to prevent double counting.
- In groundwater, the statistics presented in Table 4 include samples collected from properly constructed monitoring wells. Grab groundwater samples were not included within the calculations because grab groundwater samples tend to have high turbidity and contain particulates that increase the analyzed chemical concentration. If a chemical was detected at significantly elevated concentrations (such as two or three times the PCUL) in grab groundwater samples, the chemical is incorporated by reference in the text. For example, in 2004, elevated gasoline was detected within a grab groundwater sample taken from boring A1.

3.1.2 Elimination Criteria

Following calculation of the sample statistics, elimination criteria were then used to screen out chemicals. In Tables 3 and 4, the elimination criteria that apply for each chemical are indicated with an X. As shown in the table, the initial screening steps were as follows:

- Chemicals that were never detected were eliminated.
- Chemicals that were never detected above the most stringent PCUL and chemicals without Ecology-provided PCULs were eliminated.
 - Chemicals without Ecology-provided PCULs are typically component parts of chemical mixtures (for example, TPH). In addition, for one or two chemicals, there was no record of the chemicals being used at the 8801 property, and they were either not detected or detected infrequently.
- Chemicals that were detected above PCULs were eliminated if (a) the detected concentrations did not exceed two times the PCUL and (b) the PCUL was exceeded within less than 10 percent of the detected samples. This is consistent with the following: substances with concentrations marginally above their cleanup standards may not be important in considerations of overall hazard and risk.
- Chemicals that were included in other chemicals lists were eliminated. For example, individual PCB aroclors were not evaluated individually; they were evaluated as total PCB aroclors.
- In soil, if a chemical concentration exceeded the PCUL (which is based on partition to groundwater) but was not considered to be impacting the groundwater (eliminated within Table 4), the chemical was then screened against human health direct contact criteria. If the chemical did not exceed the human health direct contact criteria, it was removed from further consideration.
 - This is based on the fact that property contamination has been present since at least 1986, and soil and groundwater concentrations have mostly reached equilibrium with each other. This equilibrium is demonstrated by the fact that the groundwater concentrations of some COCs are not exceeded despite those chemicals having concentrations in soil exceeding the saturated soil partition PCUL. In addition, the unsaturated soil concentrations were screened against the most stringent PCUL (saturated soil) and many of the chemicals were screened out using these values, indicating that even if they did get saturated, they would not impact groundwater. This equilibrium is likely due to the paved surface that reduces stormwater infiltration and potential leaching of the soil. In the future, if the quality of the surface cover improves because of redevelopment, the groundwater conditions are unlikely to be negatively impacted as the paving will continue to protect from infiltration and potential leaching.
- Where a chemical was detected above PCULs within a limited area, the compound was retained as a COC within that area only.

- In some instances, chemical-specific cases were taken under consideration (labeled with an ** in Tables 3 and 4). These include the following:
 - Equipment blank samples were collected during two of the four comprehensive groundwater sampling events. Groundwater sampling equipment was consistent between the four events. The equipment blank water samples contained butyl benzyl phthalate at concentrations between 1.7 and 2.5 µg/L. These equipment blank detections are greater than the PCUL of 0.013 µg/L. The mean concentration of 2.08 µg/L detected in the five samples analyzed for butyl benzyl phthalate is within the range of concentrations detected in the equipment blanks and the maximum detected concentration of 3.4 µg/L is less than two times the maximum concentration in the equipment blanks. Therefore, the compound was removed from further consideration in groundwater, because it was likely an artifact of sampling (attributable to tubing used to collect the samples).
 - A small number of soil samples collected prior to 2005 contained diesel-range hydrocarbons at concentrations exceeding twice the PCUL. Less than 10 percent of the detections exceeded the PCUL and the mean detected concentration (223 mg/kg) is approximately an order of magnitude below the PCUL. Locations at which diesel-range hydrocarbons were detected at above twice the PCUL (NA-5, FPD-1, and SFA-7) were located adjacent to samples without detectable diesel-range hydrocarbons, were located in areas in which later samples did not contain detectable diesel-range hydrocarbons or were located in areas that have been addressed during past remedial actions. Therefore, diesel-range hydrocarbons are removed from further consideration in soil.
 - Oil-range hydrocarbons have been detected above PCULs in soil within the southwest storage area and in scattered locations across the 8801 property. Detections at greater than two times the PCUL have been measured at BY-1 (within southwest storage area), FPD-1, E7-S2-2, NA-5, and FTF-2. More recent samples taken from near FPD-1 did not contain detectable oil-range hydrocarbons. Locations adjacent to NA-5 and FTF-2 did not contain detectable oil-range hydrocarbons. Therefore, oil-range hydrocarbons have been retained in soil within the southwest storage area and at E7-S2-2.
 - Prior to the 2019 groundwater sampling event, gasoline-, diesel-, and oil-range hydrocarbons were detected above their respective groundwater PCULs within one, eight, and zero samples collected from groundwater monitoring wells, respectively. All three compounds were detected above PCULs within the grab groundwater sample taken from boring A1 in 2004. The hydrocarbon exceedances in monitoring wells occurred within water samples collected either before or concurrent with remedial activities associated with fuel USTs. All groundwater samples collected after the remedial activities were completed in 2004, were either non-detect or below the PCUL. During the 2019 sampling event, diesel- and oil-range hydrocarbons were only detected above PCULs within the sample taken from monitoring well MW-44A. Therefore, gasoline-, diesel-, and oil-range hydrocarbons have been retained at the

location of boring A1 and diesel- and oil-range hydrocarbons have been retained at monitoring well MW-44A. The compounds have been removed from consideration in groundwater in other areas of the 8801 property.

- Gasoline-range hydrocarbons in groundwater have only been detected in one location above the PCUL (A1) post the remediation work undertaken in 2004. Therefore, despite exceedances of the leaching PCUL in soil, leaching of gasoline-range hydrocarbons from soil to groundwater does not appear to be occurring. The soil PCUL protective of indoor air has been applied to areas that will be below the proposed new building. Gasoline range hydrocarbons are retained as a COC in soil at the location where soil exceeds the cleanup level beneath the proposed new building.
- Arsenic concentrations in soil have exceeded two times the PCUL at two locations (SFA-S15-3 and BY-3). Once these locations are removed, the remaining concentrations of arsenic in soil are below two times the PCUL and exceed the PCUL within less than 10 percent of the samples. In addition, arsenic in groundwater in proximity to the locations where the elevated arsenic in soil is located does not exceed the PCUL. Therefore, arsenic is removed from further consideration in soil except at the two locations where elevated soil concentrations have been detected.
- Arsenic has been detected in groundwater at concentrations above PCULs at multiple wells during historic events. With the exception of MW-48A, all of the wells have been sampled in 2019 with arsenic detections below PCULs. Though total arsenic was detected above the PCUL at MW-48A in 2019, dissolved arsenic was below the PCUL. The occurrence of elevated arsenic at this location is believed to be attributed to mobilization resulting from reducing conditions caused by degradation of petroleum hydrocarbons within the vicinity; it is expected that the arsenic concentration at this location will decrease over time. Therefore, arsenic is removed from further consideration in groundwater except at MW-48A.
- Copper has been detected in groundwater at concentrations above the PCUL at eight wells during recent sampling and at other wells including the upgradient well in past sampling events. There is one area where elevated copper in soil is present near the south property line on the west (near boring E7). At that location, MW-41A near the soil exceedance area contains copper concentrations above the PCUL. However, much of the copper occurrence in groundwater appears to indicate a natural source of copper that is likely being mobilized from reducing conditions caused by degradation of petroleum hydrocarbons within the vicinity and the halogenated VOC plume; it is expected that the copper concentrations will decrease over time. Therefore, copper is removed from further consideration in groundwater except at MW-41A.
- PCBs have been detected above groundwater PCULs at four wells including MW-16A, MW-30A, MW-34A, and MW-42A. During 2017, PCBs have not been detected within samples taken from MW-42A. PCBs are removed from further consideration in groundwater except at MW-16A, MW-30A, and MW-34A.

- Dioxins/furans were detected above the soil PCUL at two locations including C6 and DG11-1 (PCBs were also detected at these locations). Dioxins/furans were eliminated from further consideration in soil except at C6 and DG11-1.
- Hexavalent chromium is not known to have been used at the 8801 property; however, acid was used that may have contained the chemical. Soil samples were analyzed for hexavalent chromium. Hexavalent chromium was detected above the saturated soil leaching PCUL within soil samples taken from 5 to 6 feet bgs from borings WP-4 and WP-6 (Figure 12). Samples taken around these locations and above 5 feet bgs were below the PCUL. Groundwater has not been analyzed for hexavalent chromium on the 8801 property. Groundwater will be analyzed for hexavalent chromium at MW-18A (close to and downgradient from WP-4 and WP-6) during the post pilot injection groundwater sampling in 2019. If groundwater contains hexavalent chromium above the PCUL, the hexavalent chromium containing soil will be removed by excavation. If the groundwater is below the PCUL, excavation will not be undertaken. If hexavalent chromium is not present in groundwater, this chemical will be eliminated for consideration as a COC.
- n-Nitrosodi-n-propylamine was not detected in groundwater although the detection limit exceeded the screening criteria. The soil concentrations were therefore screened against the human health direct contact PCUL. Two soil samples (SS-BOT-06 and SS-SW-17) exceed the human health direct contact PCUL. n-Nitrosodi-n-propylamine is not a chemical that was used during truck assembly operations since it is a chemical that is produced during research activities. The soil samples containing n-Nitrosodi-n-propylamine at concentrations above the human health direct contact PCUL were collected from the excavation generated for the construction of the northern stormwater treatment system. One location was from beneath the system and one was a sidewall sample. This stormwater system is unlikely to be excavated for many years; consequently, human health exposure is unlikely to occur, particularly since the chemical breaks down over time. Because it is unlikely that the chemical was produced by the truck manufacturing activities, and it is in an area where construction workers will not be exposed to the soil n-Nitrosodi-n-propylamine is excluded from further consideration.
- 1,1-dichloroethane (1,1-DCA) was not detected in soil above PCULs. Though detected in several groundwater samples at concentrations above the PCUL, all locations (except MW-15A) have been sampled more recently with detections at concentrations below the PCUL. The mean 1,1-DCA detection of 4.98 µg/L is less than half the PCUL. 1,1-DCA is therefore eliminated as a site-wide COC in groundwater and is retained only at well MW-15A.

3.1.3 Screening of Soil Protective of Sediments Via Bank Erosion

Soil data at locations that could potentially enter the stormwater system (within approximately 50 feet of a stormwater line) or erode to the LDW were screened against PCULs based on protection of sediments via bank erosion.

- Cadmium and chromium were measured at concentrations exceeding the PCULs for protection of sediments via bank erosion at boring BY-1 located within the south storage area. Cadmium and chromium, which would otherwise be eliminated as COCs using the criteria described in Section 3.1.2, are considered COCs at this location only.

3.1.4 Screening of Groundwater and Soil Data Protective of Indoor Air

Groundwater and soil data were also screened to determine if detected concentrations were protective of MTCA Method B human health air exposure values for indoor air.

- Three chemicals exceeded the exposure levels in groundwater: TCE, vinyl chloride, and 1,1-DCA. TCE and vinyl chloride exceeded the exposure levels at several locations and are retained as site-wide COCs. 1,1-DCA exceeded the exposure level at well MW-15A in 2019. The compound is retained as a COC at MW-15A.
- One chemical exceeded the exposure level in soil: gasoline-range hydrocarbons. At all but one location (FWW-1), the soil exceedances occurred within areas that will not be located below future buildings. Therefore, based on protection of indoor air gasoline-range hydrocarbons are a COC for soil at FWW-1.

3.2 Chemicals of Concern (COCs)

COCs were selected based on their toxicity or lack of degradation in the environment (for example, cPAHs or PCBs) or for their frequency (for example, TCE and vinyl chloride). The evaluation considered fate and transport and whether co-location in a hotspot is occurring. The COCs for the 8801 property by media are as follows:

- Soil:
 - Site-wide: Total PCB aroclors, copper, and bis(2-ethylhexyl) phthalate.
 - TCE, PCE, and vinyl chloride within the western portion of the 8801 property.
 - Gasoline-range hydrocarbons within the vicinity of A1, and E7, and oil-range hydrocarbons at E7-S2-2 and in the southwest storage area.
 - Total cPAHs toxicity equivalent quotient (TEQ) in areas where hydrocarbon contamination has occurred in the vicinity of the boring/excavation at H4, E7, the south fire aisle, the southwest storage area, the northwest corner, the Off Highway Building, and the area west of the water tower.
 - Total dioxins/furans TEQ at C6 and DG11-1.
 - Arsenic at SFA-S15-3 and BY-3.
 - Lead in the former southwest storage area.
 - Cadmium and chromium in the southwest storage area at BY-1.
 - Hexavalent chromium at WP-4 and WP-6.

- Groundwater:
 - Site-wide in the upper aquifer: Total cPAHs TEQ and bis(2-ethylhexyl)phthalate. These COCs do not exceed the PCULs in the deeper aquifer and only sporadically appear in upper aquifer groundwater monitoring wells. There is no consistent pattern to the detections and, therefore, these chemicals are retained site-wide.
 - TCE, PCE, and vinyl chloride (halogenated VOCs) and copper within western portion of the 8801 property.
 - Total PCB aroclors at MW-16A, MW-30A, and MW-34A.
 - 1,1-DCA at MW-15A.
 - Gasoline-range hydrocarbons at A1 and diesel- and oil-range hydrocarbons at A1 and MW-44A.
- Air:
 - Western portion of the 8801 property: TCE and vinyl chloride.
 - 1,1-DCA at MW-15A.
 - Gasoline at FWW-1.

3.3 Conceptual Site Model (CSM)

This section discusses the potential sources of contaminants to media, the potential receptors, and the transport pathways. A flow chart and illustration of the CSM for the 8801 property are presented in Figure 13.

3.3.1 Contaminant Sources

The potential sources of contaminants to soil and groundwater were (a) leaks from the USTs located in the north and south fire aisles and leaks from equipment within buildings, such as in the Off-Highway Building as well as isolated spills; (b) off-site sources of arsenic from Boeing (via groundwater flow); (c) fill material placed in the northern end of the southwest storage area and fill material placed on the southern property during Monsanto's operation; and (d) surface activities, including the storage of cars that have been in automobile accidents.

The potential source of contamination to air is vapor generated from soil and groundwater contaminated with halogenated VOCs and gasoline. The potential source of contamination to surface water is groundwater contaminated with halogenated VOCs. Although near shore soil contamination is present, bank erosion is not anticipated at the 8801 property; much of the shoreline is protected by a sheet pile wall, and the remaining shoreline is protected by a 12-foot-wide berm of quarried material that is armored on the LDW side. Other potential sources of contaminants to sediments are stormwater solids sourced from infrastructure materials, the former surface activities that included the storage of cars that

had been in automobile accidents, and airborne particulates that settle out of the atmosphere. Much of the stormwater borne materials are removed by on-site stormwater treatment systems and the system discharge is managed under the NPDES permit.

3.3.2 Potential Receptors

Currently, the 8801 property is vacant and all parts of the 8801 property are either paved with asphalt or concrete or are covered with buildings that have interior floor slabs. As previously discussed, the current owner proposes to redevelop the 8801 property with a single large warehouse structure that will be raised approximately 4 feet above the existing grade using imported fill (Figure 3). The proposed development will include new paving throughout the property and the removal of all existing buildings, except for the former fiberglass shop that will remain. The proposed redevelopment will mean that the 8801 property surface will continue to be covered for many decades.

Despite being vacant, the 8801 property is currently accessible to employees of IAAI (occupational workers) and visitors. Current and future occupational workers, and visitors are not and will not be exposed to soil or groundwater because it is beneath the paved surface. The groundwater on the 8801 property is non-potable (Section 2.6.1), as is the water in the LDW, and there are no known water extraction points for either at the 8801 property. Therefore, occupational workers on the 8801 property are not exposed to groundwater or surface water related to extraction activities.

Current occupational workers and visitors at the 8801 property could potentially be exposed to infrastructure material on or adjacent to the warehouse and powerhouse (joint compound between concrete slabs, paint, glazing, bricks, etc.). This exposure pathway is limited, as most occupational workers do not physically contact these materials in the normal course of their work. Future occupational workers will not be exposed to the infrastructure material because the warehouse, surrounding buildings and surfacing with the contaminated materials will be removed during preparation for the redevelopment.

Current occupational workers (when on the 8801 property) could potentially be exposed to vapors from the halogenated VOC groundwater plume on the western side of the 8801 property. The risk is considered low because (a) the majority of the area overlying the plume is open to the air with the exception of an empty structure (the former fiberglass shop), which has permanently open bay doors and large holes in the building side and roof so vapors would not accumulate; (b) occupational workers are rarely on site and do not spend a large amount of time on the western part of the 8801 property; and (c) the vapor concentrations from the halogenated VOC groundwater plume are relatively low (although not all areas are below the cleanup levels). Future users could be exposed to vapors from the halogenated VOC plume on the western side of the 8801 property; however, the 4 feet of

fill material that will be placed beneath the footprint of the proposed new building will act as further separation from the plume. The former fiberglass building, which will not be demolished, is not currently occupied and there is no future plan to occupy the building.

Construction workers will be exposed to soil and potentially groundwater on the 8801 property through direct contact or inhalation during redevelopment activities. Construction workers also may be exposed to vapors within subsurface structures such as the stormwater treatment system. Soil, groundwater, and air exposure to construction workers is a complete pathway.

Because the 8801 property is covered entirely with buildings and pavement and will continue to be covered in the future, the conditions on the 8801 property meet the requirement for ending the TEE (Section 2.6.2). Although COCs are present at the 8801 property, the building/pavement cover prevents exposure of terrestrial ecological receptors to the soil or groundwater.

Surface water impacted by contaminated groundwater are considered a complete pathway to off-property ecological receptors (benthic and aquatic species) via direct contact and ingestion, and to off-property human receptors via ingestion and direct contact with the surface water and via ingestion of the benthic and aquatic species that live in the LDW.

Sediments impacted by contaminated groundwater are also considered a complete pathway to off-property ecological receptors (benthic and aquatic species) via direct contact and ingestion, and to off-property human receptors via ingestion and direct contact with the sediments and via ingestion of benthic and aquatic species that live in the LDW.

3.3.3 Transport Mechanisms

Soil and groundwater are not exposed on the surface of the 8801 property. Contaminants in soil can leach to the groundwater and the groundwater to the surface water. The pavement throughout the 8801 property is old; however, it is patched on approximately a yearly basis, and although some stormwater likely infiltrates through cracks, the quantity is likely to be limited. The contamination on the 8801 property was present prior to 1986; therefore, chemicals in the saturated soil are likely in equilibrium with the groundwater. This is supported by the data, since many chemicals have been identified above the soil PCUL (PCULs that have been established based on partition of the chemicals out of soil into groundwater), and yet those chemicals are below the PCUL in groundwater. The proposed future use for the property includes surface cover throughout, meaning that the groundwater will not be more vulnerable after future redevelopment. In addition, there will only be minimal disturbance of the surface during redevelopment because fill is being

placed on top of the existing surface instead of excavating below the existing grade like many other developments.

Soil and groundwater can also enter the stormwater system. However, the portion of the stormwater system that is submerged below the water table was slip lined in 2012, and it is unlikely that groundwater is now entering the stormwater system. Particles of soil could be entering the stormwater system through cracks in the pipe. This contribution is likely to be low since most of the system does not intersect with areas of contamination and the treatment system would remove them prior to discharge.

Solid materials from the surface activities, degraded infrastructure, and deposition of atmospheric particles will be transported through the stormwater system. Since 2007, stormwater treatment systems have been present on the 8801 property and surface sweeping is undertaken to remove surface materials before they enter the stormwater system. These actions have likely reduced but not eliminated this pathway. Future redevelopment will likely result in a new stormwater infrastructure system with new catch basins that will have a higher degree of integrity that will prevent the potential entry of soil particulates.

3.4 Fate and Transport

This section discusses the fate and transport of chemicals in soil and groundwater at the 8801 property. This section includes a brief overview of fate and transport processes, presents evidence that halogenated VOCs are naturally attenuating at the 8801 property, discusses the solubility of cPAHs and PCBs, and discusses how metals are transported and dispersed.

The distribution of chemicals in soil and groundwater on the 8801 property is generally attributable to four source areas: (a) TPH and cPAHs from leaks from USTs or equipment and some halogenated VOCs spills in a few areas of the northern part of the 8801 property; (b) arsenic in groundwater from the Boeing property to the north; (c) fill material placed in the southwest storage area, including PCBs and copper attributed to former activities associated with Monsanto's manufacturing; and (d) surface activities including the storage of cars that have been in automobile accidents. Of these source areas, only halogenated VOC spills have resulted in a significant groundwater plume that is migrating offsite to the west and off property to the north near Boeing well IT-MW-6 (Figure 3). The discussion below addresses the selected COCs on the 8801 property; however, the natural attenuation section below addresses only the halogenated VOC plume and hydrocarbons.

3.4.1 Fate and Transport Mechanisms

Both nondestructive and destructive mechanisms occur during fate and transport of chemicals in the environment. Both mechanisms are described below.

3.4.1.1 Nondestructive Mechanisms

Nondestructive mechanisms do not reduce the mass of the chemicals, because they do not change the chemistry but rather they redistribute the chemicals. This redistribution can occur in the same phase (diffusion, advection, or dispersion) or in different phases (sorption and desorption, volatilization and condensation, and dissolution and precipitation).

3.4.1.2 Destructive Mechanisms

Destructive mechanisms change the chemical composition of a contaminant thereby reducing its mass, such mechanisms include biodegradation and abiotic transformation. Biodegradation is a process when naturally occurring microbes break down organic compounds, such as petroleum hydrocarbons or halogenated VOCs. Abiotic transformations are degradation processes where the chemical reaction is not assisted by naturally occurring microbes.

The ability of a microbe to break down a selected compound by biodegradation requires specific chemical conditions within the environment and the availability of electron acceptors and donors. Electron acceptors include dissolved oxygen, nitrate, manganese, ferric iron, sulfate, and carbon dioxide. Generally, the energy potential of the acceptors decreases from oxygen down through to carbon dioxide. Electron donors include organic material, such as petroleum hydrocarbons, chlorinated organics, soil organic matter, and dissolved hydrogen. The redox potential of the groundwater influences the dominant biodegradation pathway. The redox potential is a measure of electron activity and indicates whether the groundwater is accepting or donating electrons. Since oxygen is the electron acceptor with the greatest energy potential, it is typically consumed first by the microbes. The redox potential can be indicative of whether the groundwater is aerobic or anaerobic (i.e., high redox potential indicates aerobic conditions and low redox potential indicates anaerobic conditions).

The dominant biodegradation pathways for petroleum hydrocarbons and halogenated VOCs are direct aerobic and anaerobic oxidation, and for halogenated VOCs, reductive dechlorination. A discussion of both pathways is presented below.

3.4.1.3 Aerobic and Anaerobic Oxidation

When the groundwater is aerobic, microbes degrade petroleum hydrocarbons or vinyl chloride through aerobic oxidation using the contaminants as organic electron donors and oxygen for the electronic acceptor. In anaerobic conditions, the same process occurs, except that other chemicals such as ferric iron or sulfate are the electron acceptors.

3.4.1.4 Reductive Dechlorination

Highly chlorinated compounds, such as tetrachloroethene (PCE) and TCE, can be broken down by reductive dechlorination, which generally occurs in a reducing environment where the oxygen and nitrate have been depleted and fermentation generates dissolved hydrogen. Microbes facilitate the replacement of the chlorine atoms (on the contaminants) with hydrogen atoms in a stepwise process. The process repeats itself with daughter products being produced, until the chlorinated portions of the compound are fully removed. The stepwise process is PCE, TCE, dichloroethane (DCE), vinyl chloride, and ethene.

The dechlorination process tends to slow down as the chlorine concentration reduces, typically at the vinyl chloride stage. At that point, aerobic and anaerobic oxidation may be the dominant degradation mechanism.

3.4.2 Evaluation of Fate and Transport of Selected Chemicals at the 8801 Property

The mobility and the persistence of the chemicals identified in soil and groundwater at the 8801 property are discussed in this section. The characteristics are inferred from the physical properties of the compounds and the potential to migrate to the LDW sediments and/or surface water is evaluated based on the persistence and mobility of the individual compound along with its distribution and mass.

3.4.3 Petroleum Hydrocarbons and Associated Compounds

Petroleum hydrocarbons from the gasoline- through the oil-range have been used on the 8801 property and have been detected in soil and groundwater at some time during the history of previous investigations. When a petroleum product is released to the environment, the composition changes with time due to microbial activity and weathering. The nature and extent of the weathering is dependent on the initial hydrocarbon composition and on-site conditions. Some components of hydrocarbon mixtures, such as benzene, are more mobile, because they are water soluble and volatile.

Degradation by microbes can occur in both aerobic and anaerobic conditions with more rapid degradation generally occurring in aerobic environments. Oxidation and

fermentation mechanisms break the petroleum hydrocarbons into carbon dioxide, water, and/or methane.

Removal of petroleum-hydrocarbon-contaminated soil in earlier remedial activities has reduced the mass, and there is strong evidence that petroleum hydrocarbons are naturally degrading at the 8801 property as follows:

- Concentrations have reduced over time such that (at all but two locations – A1 and MW-44A) the petroleum hydrocarbons and related compounds have been below the cleanup levels in groundwater since 2006.
- Soil containing petroleum hydrocarbons above the default residual saturation level (concentrations that could result in partitioning to groundwater) was historically present under the former Off-Highway Building. However, soil samples collected in 2011 from two borings near the location of former samples did not contain elevated hydrocarbons or benzene, toluene, ethylbenzene, and xylenes (BTEX). In addition, petroleum hydrocarbons have not been detected in groundwater above the cleanup level in and around where the hydrocarbon soil contamination had previously been identified.
- In 2004, at boring A1 in the northwest corner of the property, gasoline-range petroleum hydrocarbons and associated compounds (BTEX) were identified above the cleanup levels in soil and in a grab groundwater sample. Groundwater collected from a monitoring well (MW-44A) installed near boring A1 in 2011 and 2019 did not contain gasoline-range hydrocarbons above the cleanup level and there were no detectable BTEX compounds. Diesel- and oil-range petroleum hydrocarbons in MW-44A were not detected in 2011 but were detected above the cleanup levels in 2019.
- The geochemistry in the groundwater at property wells indicates that anaerobic conditions are present through much of the property and electron acceptors such as nitrate and sulfate that are required to enable the breakdown of petroleum hydrocarbons and associated compounds are present.

These multiple lines of evidence demonstrate that petroleum hydrocarbons and associated compounds are only a concern in two locations (near boring A1 and near boring E7) and are naturally degrading on the 8801 property. In addition, the occurrence of cPAHs (further discussed in Section 8.6) appear to be associated with the hydrocarbons (mostly in the diesel and oil-range). As hydrocarbons concentrations have declined (through excavation and natural degradation) so have the cPAH concentrations.

One soil sample that was collected in 2004 has a gasoline-range hydrocarbon concentration that exceeds the value protective of indoor air is present under the proposed new development. It is unknown if the concentration has now declined to a level below the indoor air protection level. This area of gasoline-range hydrocarbon containing soil is proposed to be removed in advance of construction.

3.4.4 Halogenated Volatile Organic Compounds (VOCs)

Based on BIOCHLOR modeling (see Section 5.3.2) and groundwater data, natural attenuation by biodegradation of the halogenated VOCs appears to be occurring on the 8801 property. The groundwater geochemistry based on data collected during sampling events is anaerobic, and typical halogenated VOC breakdown products are present. Supporting the statement that reductive dechlorination is occurring at the 8801 property are the following:

- Concentrations of TCE and PCE have declined over multiple years and vinyl chloride concentrations have increased.
- The oxidation/reduction potential remains reducing, indicating anaerobic conditions.
- Electron acceptors such as nitrate and sulfate are present in groundwater.

These multiple lines of evidence demonstrate that the halogenated VOCs are breaking down on the 8801 property.

3.4.5 Metals

Unlike organic compounds, metals are subject to nondestructive mechanisms including physical, chemical, and biological processes that affect the concentration of metals in groundwater. These properties include chemical speciation, hydrolysis, sorption, bioaccumulation, and transformation. Each metal behaves in a different manner, since they form different ions that react with the water, minerals, biota, and organic materials they interact with. Mobility of metals is most influenced by the pH, the presence of organic material, and the redox potential.

Arsenic concentrations in groundwater have been elevated near the north property boundary, just south of a Boeing well where significant levels of arsenic in groundwater on that property has been measured. For a period, the pump in the deep oil/water separator on the 8801 property near these wells was potentially drawing groundwater into the area (as shown by groundwater gradient readings in Appendix A). The arsenic concentrations in the 8801 property wells near the northern boundary have declined to below the PCULs since the pump height was raised in approximately 2005, which stopped the groundwater being pulled onto the 8801 property. The groundwater arsenic concentrations detected in MW-25A on the 8801 property appear to be related to the Boeing arsenic contamination, since arsenic in soil and groundwater on other parts of the 8801 property are orders of magnitude lower. This is further supported by groundwater data collected in 2019. In 2019, only one well on the 8801 property contained arsenic above the PCUL.

The mobility of arsenic and other metals such as copper in groundwater on the 8801 property is also influenced by the presence of the degrading hydrocarbons and the

halogenated VOC plume. The degradation of the hydrocarbons and halogenated VOCs result in an anaerobic environment that reduces the groundwater pH. With a reduced pH, metals can be mobilized from the soil. When groundwater becomes more aerobic (such as during the operation of an AS/SVE system), the pH will rise, and the metal concentrations will decrease.

3.4.6 Solubility of Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs), Polychlorinated Biphenyls (PCBs), and Dioxins/Furans

Chemicals such as cPAHs, PCBs, and dioxins/furans have low water solubility and a high octanol/water partition coefficient. These properties mean they do not readily dissolve and migrate in groundwater but rather partition to solids. All three chemicals, when in contact with soil, sorb to organic matter and other nonpolar surfaces in a nearly irreversible manner, thus limiting or eliminating their mobility in the groundwater system. Therefore, the detection of these selected COCs in groundwater is more likely to be related to the presence of particulates in a sample than the presence of dissolved chemicals. An example of this can be observed at MW-16A, where groundwater samples were collected in 2017 for PCB aroclor and congener analyses (discussed in Section 2.5.2). The samples included filtered and non-filtered samples. The filtered sample contained 58 congeners while the non-filtered sample contained 102 congeners. On other properties sampled at the same time, the filtered sample also contained approximately 40 fewer congeners (Ecology, 2017).

Because of the low solubility of cPAHs, PCBs, and dioxin/furans, transport of these chemicals to the LDW is more likely to occur via stormwater rather than in the groundwater. The consistent occurrence of PCBs at MW-16A is attributed to joint compound and building materials contributing to contamination at the location of the well. Removal of the PCB-containing materials in the area (including at MW-34A) will likely reduce the concentration at the well. In support of the lack of mobility of PCBs, wells downgradient from MW-16A/MW-34A have been analyzed for PCBs as aroclors and did not contain detectable concentrations of PCBs. PCBs would be present farther downgradient if they were migrating in groundwater rather than being sourced from surface materials.

3.4.7 Deposition Mechanisms and Toxicity of Phthalates

A Phthalates Work Group (Work Group) evaluated the deposition and accumulation of phthalates in sediments in Western Washington State. The Work Group was composed of City of Seattle, City of Tacoma, King County, Ecology, and EPA staff, assisted by a consultant, and concluded their work in 2007 (Floyd Snider, 2007). The Work Group stated that phthalates are generally deposited from the air and then washed from the surface via stormwater to sediments. Once in sediments, they attach to organic compounds, and although they are consumed by benthic species and in turn larger species, they are passed

through and excreted rather than accumulating in the body. The recommendations of the Work Group tended toward reducing methods for the phthalates to become airborne (Floyd Snider 2007).

Bis(2-ethylhexyl)phthalates have been detected in soil and groundwater on the 8801 Property. These detected bis(2-ethylhexyl)phthalate could also be deposited from the air. Although the soil on the 8801 property is beneath pavement, soil can be exposed to deposits from the air during excavation work. Many of the soil samples that have detectable concentrations of bis(2-ethylhexyl)phthalates) were collected from within excavations.

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4 PRESENTATION OF SCREENED DATA

Tables in Appendix B present data collected during previous investigations completed at the 8801 property, including soil (separated into unsaturated soil and saturated soil), groundwater, stormwater solids, and infrastructure samples. Within the tables, detected concentrations are shown in bold font and detections that exceed their respective PCULs are shaded with orange. Within the soil and groundwater tables, non-detect results with reporting or detection limits that exceed their respective PCULs are shaded with blue. Soil samples that have been excavated during interim remedial actions have been removed from the tables, because they are no longer present on the 8801 property and have been absent for more than 12 years at a minimum (meaning the soil and groundwater would have had time to reach equilibrium).

Figures have been generated to provide a visual representation of the soil and groundwater data and are presented in Appendix B. Because a significant volume of data has been collected since investigations began in 1986, the list of chemicals displayed within the figures has been narrowed to include chemicals identified within Section 3 as COCs for the 8801 property. Appendix B figures have not been generated for compounds that are not widespread (lead, cadmium, chromium, hexavalent chromium, and total dioxins/furan TEQ) or for compounds that follows the same distribution as another compound (PCE).

In the soil figures, available data collected within the unsaturated soil (0 to 3 feet bgs) and saturated soil (greater than 3 feet bgs) are presented within the same figure using a bisected diamond symbol. The upper half of the diamond is used to present results obtained from the unsaturated zone and the lower half of the diamond presents saturated zone results.

In the groundwater figures, data is presented for all sampling events since 2002 through 2019. A rectangular slice is used to display an event with the sample date shown in the

legend. Each rectangular slice corresponding to different sampling events with the earliest sampling event at the top.

Within all figures, color is used to indicate the following:

- Light gray shading indicates that the compound was not analyzed within the zone.
- Black shading indicates that the compound was non-detect and the detection limit was below the PCUL.
- Blue shading indicates that the compound was detected at below the PCUL.
- Orange shading indicates that the compound was non-detect and the detection limit was above the PCUL.
- Purple shading indicates that the compound was detected above the PCUL.

For detections, the detected concentration is displayed adjacent to the symbol. If more than one sample was analyzed within the zone/event for the compound, the highest measured concentration is displayed.

4.1 Distribution of Chemicals of Concern (COCs)

The distribution and occurrence of the COCs within each media that exceed the PCULs are discussed below. Soil and groundwater distribution discussion use the figures presented in Appendix B. In some cases, the discussion refers to data presented in Figure 12.

4.1.1 Petroleum Hydrocarbon-Related Compounds

4.1.1.1 Gasoline-Range Hydrocarbons

As shown in Figure B1-1, gasoline-range hydrocarbons have been detected above the PCUL at isolated locations across the property with the highest detections occurring within the vicinity of A1 (from borings A1 and MW-44B), E7 (from boring DG11-12) at the southern property line near western end of 8801 property, and FWW-1 located below the warehouse building. The detection at FWW-1 exceeded concentrations protective of indoor air. Elevated concentrations of gasoline-range hydrocarbons were also detected within 2004 samples taken from FPD-1 (below the southern end of the former Off-Highway Building); however, more recent 2011 samples taken from near this location did not contain detectable concentrations of gasoline-range hydrocarbons.

Though PCUL exceedances primarily occurred with saturated zone samples, the highest detection (14,000 mg/kg) occurred within an unsaturated zone sample taken from boring DG11-12 (vicinity of E7). No deeper soil sample was taken from DG11-12, but the nearby boring E7 contained gasoline-range hydrocarbons at only up to 77.2 mg/kg.

As shown in Figure B-5, gasoline-range hydrocarbons have not typically been detected in groundwater samples taken from monitoring wells. Detections at concentrations below PCULs have occurred in samples taken from MW-44A and MW-16A (within one sample per well). A sample taken from MW-6A in 2002 contained gasoline-range hydrocarbons at 2,300 µg/L above the PCUL; however, subsequent samples taken after remedial actions from the replacement well MW-6A(R) in 2004 and 2019 did not contain detectable concentrations of gasoline-range hydrocarbons. A grab water sample (not shown in Figure B-5) taken from boring A1 in 2004 contained gasoline-range hydrocarbons at 269,000 µg/L.

4.1.1.2 Diesel- and Oil-Range Hydrocarbons

As shown in Figures B1-2 and B1-3, diesel- and/or oil-range hydrocarbons have been detected above PCULs in saturated samples at discrete locations within the south fire aisle, below the southern end of the former Off-Highway Building in 2004 but not in 2011, in the former southwest storage area, at one location to the northwest of the warehouse building (west of the water tower), and near boring A1. In unsaturated samples, diesel- and/or oil-range hydrocarbons have been detected above PCULs in samples taken from near E7, in the former southwest storage area, and at discrete locations within the south fire aisle. Remedial actions were undertaken in the south fire aisle between 2001 and 2004.

Diesel-range hydrocarbons have been detected above two times the PCUL within saturated zone soil samples taken from borings SFA-7 (south fire aisle), NA-5 (northwest of the warehouse building), and FPD-1 (below the southern end of the former Off-Highway Building). Oil-range hydrocarbons have been detected above two times the PCUL within saturated and unsaturated zone soil samples taken from borings NA-5 (northwest of warehouse building); FPD-1 and FPD-5 (below the southern end of the former Off-Highway Building); BY-1 (former southwest storage area); E7-S2-2 (northwest corner); and FTF-2 (below the warehouse building). As mentioned above, more recent samples near FPD-1 and FPD-5 did not contain diesel-range or oil-range hydrocarbons above PCULs. Samples collected from near NA-5 and FPD-1 did also not contain detectable diesel- or oil-range hydrocarbons. Remedial actions have been completed near SFA-7.

As shown in Figures B-4 and B-6, diesel and/or oil-range hydrocarbons have been detected in groundwater at concentrations above PCULs within groundwater monitoring well samples collected in the south fire aisle prior to remediation work in that area, within a 2002 sample taken from MW-8A (more recent samples did not exceed), and within the sample taken from MW-44A (near A1) in 2019. A grab groundwater sample collected at boring A1 in 2004 contained diesel- and oil-range hydrocarbons at 1,630 and 912 µg/L, respectively.

4.1.2 Halogenated Volatile Organic Compounds (VOCs)

Halogenated VOCs are the primary COCs on the 8801 property and have the greatest distribution in soil and groundwater. Halogenated VOCs have not been detected above PCULs in the 8801 property B or C wells indicating that they are not migrating downward.

4.1.2.1 Trichloroethene (TCE) and Tetrachloroethene (PCE)

As shown in Figure B1-8, TCE has been detected above the PCUL in soil within unsaturated and saturated zone samples taken from along approximately ½ of the north western property boundary and extending west and southwest to the western property boundary and south to the former southwest storage area. The distribution within groundwater, shown in Figure B-9, follows a similar distribution. TCE in groundwater above the value protective of indoor air is located beneath the western footprint of the building that is proposed to be constructed during property redevelopment.

PCE, not shown in Appendix B figures, shows a similar distribution as TCE.

4.1.2.2 Vinyl Chloride

Vinyl chloride has been detected in soil (Figure B1-9) at concentrations above the PCUL primarily with saturated zone samples along the western property boundary. In groundwater (Figure B-10), vinyl chloride has been detected at a similar distribution as TCE but has been detected with greater frequency; including a greater degree of detections occurring along the western (downgradient) end of the property. Vinyl chloride in groundwater above the value protective of indoor air is located beneath the western footprint of the building that is proposed to be constructed during property redevelopment.

4.1.2.3 1,1-Dichloroethane (1,1-DCA)

1,1-DCA (not shown in Appendix B figures) has not been detected in soil at concentrations above the PCUL. Though detected in several wells historically at concentrations above the PCUL, all locations except MW-15A have been subsequently sampled without exceedance. In 2019, 1,1-DCA was detected at MW-15A at a concentration above the PCUL that is protective of indoor air. MW-15A is located near the footprint of the building that is proposed to be constructed during property redevelopment.

4.1.3 Metals

Arsenic, cadmium, chromium, copper, lead, nickel, and zinc have been detected in building materials, including paint, glazing, and brick. Tributyltins have also been detected in glazing material used on the warehouse building. The detected concentrations of cadmium,

chromium, lead and zinc within the building materials are above the sediment quality standards.

Sediment samples collected adjacent to the 8801 property before and after the stormwater treatment system was installed did not exceed the LDW sediment quality standards or remediation action levels for metals, except at two locations where stockpiles of geochemically cemented metal are present on the tide flats. These cemented metals stockpiles do not appear to be directly discharging to the sediments and these samples results were excluded based on the presence of the cemented nature of the stockpiles. Therefore, the building material appear not to have migrated into the LDW at concentrations that would be detrimental to the sediments.

4.1.3.1 Copper

As shown in Figure B1-4, copper was detected above PCULs primarily within two areas of the 8801 property: to the northwest of the warehouse building and in a cluster to the south of the former southwest storage area, with the highest concentrations (up to 2,560 mg/kg) detected in the latter and a higher concentration (3,450 mg/kg) observed on the southern boundary in unsaturated soil. Copper PCUL exceedances were observed within both unsaturated and saturated samples in both areas.

As shown in Figure B-3, copper (total and dissolved) has been detected above PCULs in several wells on the 8801 property. The PCUL exceedances appear to correlate with the location of the halogenated VOC plume and former hydrocarbon impacted areas within the south fire aisle; the distribution suggests that the presence of copper in groundwater is the result of mobilization caused by reduced pH resulting from the degradation of halogenated VOCs and hydrocarbons. Copper above the PCUL has also been detected in the upgradient well (MW-1A) outside the halogenated VOC plume. Copper concentrations in groundwater above the PCUL has consistently been detected in groundwater at MW-41A. MW-41A is close to the area where copper in soil concentrations exceed the PCUL.

There were no sediment quality standard exceedances of copper in any sediment samples adjacent to the 8801 property indicating that copper in the soil is not discharging to the LDW and that groundwater concentrations are not impacting the sediments.

4.1.3.2 Arsenic

As shown in Figure B1-10, arsenic was detected in soil throughout the 8801 property, with infrequent scattered PCUL exceedances typically occurring within unsaturated zone samples. A higher ratio of saturated zone exceedances is noted within a cluster located in the former southwest storage area. Most exceedances were below twice the PCUL. At two

locations, SFA-S15-3 (northwest of former administration building) and BY-3 (former southwest storage area), higher arsenic concentrations of 58.6 mg/kg (within unsaturated zone) and 14.7 mg/kg (within saturated zone), respectively, were measured.

Though not a COC in groundwater except at MW-48A, arsenic in groundwater is shown in Figure B-1. As shown in the figure, arsenic (total and/or dissolved) has been detected infrequently within wells at the 8801 property. Except for well MW-48A, locations with arsenic detections above PCULs have had more recent samples with arsenic at concentrations below PCULs. At MW-48A, total arsenic has been detected above PCULs (including within 2019 sample); however, dissolved arsenic was not detected above PCULs within the same samples. Similar to copper, arsenic mobilization resulting from the degradation of halogenated VOCs and hydrocarbons may be occurring at the 8801 property.

4.1.3.3 Lead

Lead has been detected above the PCUL within saturated and unsaturated zone soil samples taken primarily from the former southwest storage area and at B3 (beneath the slab of the former fiberglass building and below the existing remediation system) but has not been detected above PCULs in groundwater. Because lead was eliminated as a COC in groundwater, the lead soil detections were compared to human health direct contact criteria. Locations with lead concentrations exceeding the human health direct contact criteria are summarized in Figure 12.

4.1.3.4 Cadmium and Chromium

As discussed in Section 3.1.3, cadmium and chromium were eliminated as site-wide COCs in soil because they were not selected as COCs in groundwater and the detected concentrations in soil did not exceed human health direct contact criteria. The soil detections at locations that could potentially enter the storm system or erode to the LDW were compared to the PCULs for protection of sediment via bank erosion. As shown in Figure 12, both compounds exceeded the bank erosion PCUL within samples taken from BY-1, located within the former southwest storage area that is immediately adjacent to the LDW.

4.1.3.5 Hexavalent Chromium

As shown in Figure 12, hexavalent chromium was detected above the PCUL in soil taken from two locations (WP-4 and WP-6) located north of the warehouse building extension. Hexavalent chromium has not been analyzed in groundwater. A sample for hexavalent chromium analysis will be collected from a monitoring well adjacent to and downgradient of the area during the next sampling event.

4.1.4 Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs)

As shown in Figure B1-7, total cPAH TEQ has been detected within saturated samples taken from near A1, E7, the former southwest storage area, below the southern end of the former Off-Highway Building in 2004 but not in 2011, northwest of the warehouse building, and in scattered locations within the south fire aisle. PCUL exceedances have also occurred within unsaturated samples taken from the former southwest storage area and in sidewall samples of the former excavation at boring H4. The occurrence of total cPAHs TEQ are associated with areas where hydrocarbons contamination in soil had been identified.

In groundwater (Figure B-7) total cPAH TEQ has been detected above PCULs samples taken from several wells on the 8801 property. As shown in Figure B-7, PCUL exceedances within wells MW-6A, MW-8A, M-16A, MW-28B, and MW-42A were followed by more recent samples that did not contain detectable total cPAH TEQ. This pattern is consistent with the decline in hydrocarbon soil concentrations. During the 2019 groundwater sampling event, cPAH TEQ was detected above the PCUL within samples taken from wells MW-7A (northwest corner), MW-15A and MW-18A (northwest of the warehouse building), and MW-30A and MW-37A (former southwest storage area). The 2019 detected concentrations are a consequence of the laboratory being able to detect lower concentrations and the groundwater results were generally low and within two times the PCUL.

Sediment samples that were collected adjacent to the 8801 property before and after the stormwater treatment system was installed did not exceed the LDW sediment quality standard levels for individual cPAHs. (There is not a cPAH TEQ value for sediments.)

4.1.5 Bis(2-ethylhexyl)phthalate

Bis(2-ethylhexyl)phthalate (Figure B1-5) has been detected above PCULs in soil samples taken from the saturated zone primarily within the former southwest storage area, in the northwest corner of the property near boring A1, and northwest of the warehouse building. As shown in Figure B-2, the compound has been detected above PCULs in groundwater samples collected from across the 8801 property. In 2019, groundwater samples taken from MW-6A, MW-7A, MW-12A, MW-18A, MW-29A, MW-33A, MW-37A, and MW-46A contained bis(2-ethylhexyl)phthalate at concentrations above the PCUL.

Within sediment samples collected adjacent to the 8801 property before and after the stormwater treatment system was installed, bis(2-ethylhexyl)phthalate concentrations did not exceed the sediment quality standards.

4.1.6 Polychlorinated Biphenyls (PCBs) and Dioxins/Furans

The distribution of PCB aroclors in soil and groundwater is shown in Figures B1-6 and B-8, respectively. The PCUL for PCBs is generally lower than currently achievable laboratory practical quantitation limits, so many samples are shown in the figure as not detected with a detection limit above the PCUL, or above the PCUL.

PCB aroclor detections above the PCUL in unsaturated soil are identified in the former southwest storage area, in the area around former boring E7, in sidewall samples from the excavation at H4, and to the north of the former fiberglass shop and warehouse building. In saturated soil, PCBs are identified in similar locations as within unsaturated soil with the addition of the area beneath the southern end of the former Off-Highway Building.

As shown in Figure B-8, PCB aroclors have been detected infrequently within groundwater at the 8801 property. PCB aroclors are observed within samples taken from MW-16A and MW-34A (north of warehouse building) and MW-30A (former southwest storage area).

As mentioned in Section 2.5.2, Leidos collected samples from wells MW-16A, MW-30A, and MW-42A for PCB congener and aroclor analysis in 2017. PCBs as congeners were detected at very low concentrations in groundwater samples taken from wells MW-30A and MW-42A. PCB congeners and aroclors were present in groundwater taken from well MW-16A. The presence of PCBs in groundwater at MW-16A is likely related to the PCBs in concrete joint compound near the monitoring well.

As shown in Figure 12, total dioxin/furan TEQ has been detected above PCULs within soil samples taken from boring C6 and DG11-1, located within the southwest storage area of the 8801 property.

PCBs have also been identified in infrastructure material, including joint compound between concrete slabs, paint, glazing, and bricks. Sediment samples collected adjacent to the 8801 property exceeded the LDW remediation action levels for PCBs in several locations. Remedial action for the PCBs in sediments is being undertaken separately as part of the LDW ROD requirements.

5 FEASIBILITY STUDY SCOPE

The following sections present the analysis and findings of the FS for the 8801 property. The FS used the COCs selected in the preceding section. The purpose of the FS is to identify and evaluate methods for mitigating soil and groundwater contamination from migration to the LDW at the 8801 property.

5.1 Regulatory Requirements

This section establishes the framework in which the FS was completed by identifying regulatory requirements, establishing applicable cleanup standards, determining areas of concern requiring remedial action, and defining RAOs and general response actions.

The FS was prepared consistent with Ecology MTCA cleanup rules (WAC 173-340, specifically WAC 173-340-350(8) and (9)). Soil cleanup standards are found in WAC 173-340-740, -745, and -747. Groundwater cleanup standards are found in WAC 173-340-720. The cleanup regulations also provide a definition (WAC 173-340-360) and methodology to determine and achieve cleanup levels for a site. Section 7.1 describes and applies the prescribed methods to evaluate remedial action alternatives for the 8801 property.

5.2 Applicable State and Federal Laws

Under WAC 173-340-710, MTCA requires that cleanup actions comply with all applicable local, state, and federal laws; and requirements that are legally applicable and determined by Ecology to be relevant and appropriate (ARARs) for the site.

In addition, given that the site is on the LDW, the technical approach in Ecology's (2018) policy memorandum regarding development of soil and groundwater cleanup levels protective of the LDW has been incorporated into development of proposed cleanup levels.

Potentially applicable state and federal laws for cleanups at the 8801 property are described below.

5.2.1 Resource Conservation and Recovery Act (RCRA)/Washington Dangerous Waste Regulations

Federal RCRA regulations and the corresponding Washington regulations (WAC 173-303) involving hazardous waste management may pertain to (a) waste identification; (b) waste generation and transportation; (c) land disposal restrictions; and (c) treatment, storage, and disposal facilities.

Wastes such as excavated soil and spent filter media from treatment units would be regulated as characteristic hazardous waste if they meet federal definitions provided in Title 40 of the Code of Federal Regulations (CFR) Part 261 and WAC 173-303. Remedial activities involving the movement or removal of characteristic hazardous waste would need to comply with RCRA hazardous waste generator, manifest, and transportation requirements found in 40 CFR Parts 262 and 263. RCRA land disposal restrictions could require treatment of materials containing characteristic hazardous waste before the

materials could be placed in a hazardous waste disposal facility. RCRA regulations pertaining to treatment, storage, and disposal facilities would apply if remedial activities used such off-site facilities.

5.2.2 Clean Water Act (CWA)/Washington Water Quality Regulations

The federal Water Pollution Control Act (also known as the CWA) created programs for permitting wastewater discharges to surface water or to publicly owned treatment works (POTWs). Related Washington regulations are found in WAC 173-220. NPDES coverage under a general stormwater permit is required to be obtained for stormwater discharges associated with construction activities disturbing over 1 acre. The disturbed area for this project is expected to be greater than 1 acre.

Discharge of wastewater, such as condensate from an SVE system to a POTW, is considered an off-site activity. Remedial responses including discharges to a POTW must comply with National Pretreatment Program regulations as well as local POTW requirements. Recovered condensate is not currently discharged to the local POTW, but such discharge may be a component of the final remedial technology. Industrial wastewater discharge from the 8801 property facility is regulated by the Tukwila Sewer Agency and King County, which operates the local POTW.

The CWA also establishes ambient water quality criteria (AWQC) for surface water. Current AWQC are called National Recommended Water Quality Criteria (NRWQC). MTCA uses NRWQC as ARARs for groundwater connected to surface water. Washington regulations pertaining to surface water standards are found in WAC 1273-201A; the Washington standards can be used to derive cleanup standards for MTCA sites where groundwater discharges to surface water.

Through the underground injection control (UIC) program, CWA regulations also control the discharge of water, such as treatment solutions, into aquifers. Washington UIC regulations are found in WAC 173-218.

5.2.3 Clean Air Act (CAA)

Discharge of VOCs to the atmosphere from an SVE or AS remediation system could be regulated as a minor source under the CAA as it is enforced under Washington regulations (WAC 173-400, -460, and -490), or it could add to the contaminant load discharged from an existing major source. The Puget Sound Air Pollution Control Agency regulates point-source discharges of air contaminants in the area surrounding the 8801 property.

5.2.4 Washington State Environmental Policy Act (SEPA) Regulations

The Washington SEPA (Revised Code of Washington [RCW] 43.21C), state, and local implementing rules (WAC 197-11); and City of Tukwila Municipal Code Chapter 21.04, apply to cleanup actions that may affect the environment. SEPA applies to cleanup actions that may affect the environment, and MTCA cleanup actions are not exempt from SEPA procedures. However, Ecology is required to complete a SEPA checklist to determine if a proposed cleanup action will or will not have a significant adverse impact on the environment. If Ecology determines that there is no significant impact, Ecology issues a Determination of Nonsignificance (DNS) or a mitigated DNS with conditions. A SEPA checklist will be completed and Ecology will reach a decision on the significance of the action before remedial activities will be undertaken.

5.2.5 Washington Industrial Safety and Health Act (WISHA) Regulations

Cleanup activities will be performed in accordance with the requirements of WISHA (WISHA, RCW 49.17) and the federal Occupational Safety and Health Act (29 CFR 1910 and 1926). These applicable regulations include requirements for worker protection from physical hazards (such as improper shoring, confined space entry, and equipment hazards), and protection from exposure to hazardous substances or other deleterious materials.

5.2.6 Washington State Shoreline Management Act (SMA)

All work within the LDW shoreline jurisdiction must be compliant with the City of Tukwila's Shoreline Master Program, which was locally developed by the City per the requirements of the SMA (SMA, RCW 90.58). A shoreline permit from the City of Tukwila may be required for remediation construction activities. There are three types of permits: Substantial Development, Conditional Use, and Variance. Ecology must approve all Conditional Use or Variance permits after the City has made its decision.

5.2.7 Monitoring Well Construction, Maintenance, and Decommissioning

Ecology enforces rules for the construction, maintenance, and abandonment of monitoring and other types of wells in Washington (WAC 173-160), excluding injection wells. Monitoring wells will be decommissioned in advance of the proposed construction and in association with potential remedies.

5.2.8 Historic and Cultural Resources Protection

Under both SEPA and the SMA, project activities must be evaluated to assess potential for discovery of historic, archaeological, or cultural resources. As required by state law, appropriate measures will be taken to evaluate the potential for presence of these resources.

If a site has known resources, then the City, Washington Department of Archaeology and Historic Preservation, and local Tribes will be consulted to develop a plan for avoidance or preservation. If the site has potential for historic, archaeological, or cultural resources, then excavation activities shall be monitored. If an artifact is encountered, work shall cease, and appropriate parties shall be contacted. A cultural resources desk study undertaken for the project will be attached to the SEPA checklist.

5.3 Cleanup Standard

The cleanup standard requires specifying cleanup levels that are protective of human health and the environment, and then determining the POCs where those cleanup levels apply.

5.3.1 Proposed Cleanup Levels

The proposed cleanup levels for soil, groundwater, and air at the 8801 property are based on unrestricted land use and are shown in Table 5.

As previously discussed, the PCULs have been provided by Ecology and are amended as relevant for the 8801 property based on the CSM, and fate and transport of the chemicals. The Ecology PCULs are based on various exposure pathways, including soil partitioning to groundwater and entering surface water; and are protective of sediment, surface water, and consumption of fish. The proposed cleanup levels are based on applicable state and federal ARARs. As detailed in WAC 173-340, the proposed cleanup values were then adjusted for practical quantitation limits (PQLs) achievable by analytical laboratories and for natural background concentrations of COCs, as appropriate.

5.3.1.1 Soil

For COCs in soil the cleanup values are primarily the partition number, background, PQLs, or MTCA Method B for human health direct contact as discussed by chemical below.

TCE, PCE, and vinyl chloride are currently partitioning from soil as concentrations in groundwater that exceed the cleanup level. Therefore, the cleanup levels selected for these three COCs are based on a value that is protective of partition to surface water via groundwater based on non-potable groundwater in either the saturated or unsaturated soil as appropriate. The cleanup levels for TCE and vinyl chloride in soil are corrected to the PQLs achievable by analytical laboratories.

Soil cleanup levels for bis(2-ethylhexyl)phthalate, cPAHs, PCBs, and hexavalent chromium are also based on partition numbers. The cleanup levels for bis(2-ethylhexyl)phthalate, cPAHs, and PCBs in soil are corrected to the PQLs achievable by analytical laboratories.

However, these soil concentrations are so low that assessment of achieving the cleanup standard for TCE, PCE, vinyl chloride, bis(2-ethylhexyl)phthalate, cPAHs, PCBs, and hexavalent chromium will be based on groundwater concentrations (i.e., demonstrating that groundwater cleanup levels are achieved and maintained as proof that the soil is no longer contributing to the groundwater at a level to cause exceedance of the cleanup level).

Arsenic, copper, and dioxin/furan TEQ soil cleanup levels are based on background concentrations. Cadmium and chromium soil cleanup levels are based on protection of bank erosion and relate only to the southwest storage area as the two chemical concentrations are below the more stringent PCULs elsewhere on the 8801 property.

Lead is not present in groundwater above the cleanup level; therefore, the soil cleanup level is based on MTCA Method B for direct contact. Gasoline- and oil-range hydrocarbons are present in groundwater in only one location. Therefore, the gasoline-range hydrocarbons soil cleanup level is based on protection for indoor air where the proposed building overlies a sample with an exceedance. The MTCA Method A residual saturation concentration cleanup level is used for oil-range hydrocarbons.

The additive hazards or risks for the proposed soil cleanup levels was not completed because the selected values are based on ARARs, PQLs, or Method B direct contact values.

5.3.1.2 Soil Remediation Levels

Soil remediation level selection for the COCs is discussed in this section. Due to the stringent values required to ensure that soil is protective of the leaching pathway, remediation levels are proposed to be used to delineate excavation areas. The areas proposed to be excavated are either where multiple COCs are co-located (excavation will reduce the overall mass of COCs on the property) or where COCs that are leaching into groundwater could be reduced (for example, in an area where TCE concentrations are elevated).

The soil remediation levels have been developed in accordance with WAC 173-340-355 and take into consideration the expectations for cleanup alternatives in WAC-173-340-370. The soil remediation levels that have been selected will ensure that the areas that have significant mass of COCs will be removed. A disproportionate cost (DCA) assessment was undertaken to aid in the selection of the remediation levels. The proposed soil remediation levels are shown in Table 6. The remediation levels selection for the most persistent or most prevalent COCs on the 8801 property are discussed below.

The selected remediation level for total PCB aroclors is 0.5 mg/kg. Using a remediation level of 0.5 mg/kg to guide excavation limits will result in a mass reduction of known total PCB

aroclor concentrations in soil on the 8801 property of approximately 66%. Further reduction in the remediation level does not result in benefit since when lower remediation levels were evaluated the areas where PCBs could be removed either cannot be accessed (due to existing structures such as the southern stormwater system treatment vault) or they are in discrete locations where the contamination is not observed to be leaching to the groundwater.

The selected remediation level for total cPAHs TEQ is 0.6 mg/kg. Using a remediation level of 0.6 mg/kg to guide excavation limits will result in a mass reduction of known total cPAH TEQ concentrations in soil on the 8801 property of approximately 63%. In addition, in areas where total cPAHs TEQ will not be removed the groundwater does not contain detectable concentrations of the chemical.

The remediation level proposed for arsenic in soil is 14.6 mg/kg because removal of soil concentrations above this level will meet the requirements of WAC 173-340-740(7)(e)(i) and (ii). This requirement is for soil not to exceed twice the cleanup level and 14.6 mg/kg is twice the cleanup level of 7.3 mg/kg. Removal of arsenic above 14.6 mg/kg will result in a mass removal of arsenic of 65%.

The selected remediation level for copper is 250 mg/kg. Using a remediation level of 250 mg/kg to guide excavation limits will result in a mass reduction of known copper concentrations above the background level in soil on the 8801 property of approximately 91%. Further reduction in the remediation level does not result in benefit as the area where copper was identified between 200 and 250 mg/kg was isolated to one discrete point and when lower levels were evaluated the areas were located beneath the stormwater system vault and would not be removed during remedial activities.

The selected remediation level for TCE is 5 mg/kg. Using a remediation level of 5 mg/kg to guide excavation limits will result in a mass reduction of known TCE concentrations in soil on the 8801 property of approximately 81%. When the remediation level was lowered to 2 mg/kg, one discrete sample in the unsaturated soil was identified outside the proposed excavation area and other discrete locations were identified at a remediation level of 1 mg/kg. Given that TCE naturally degrades, it is unlikely that this near surface soil concentration remains, and excavation would not provide overall reduction or benefit for the 8801 property.

Although the remedial action selection is discussed in Section 6.5 later in the text, excavations to remove one chemical will also result in additional COCs being removed because many of them are in the same location. Consequently, the remedy will result in removal of more COC mass than when the calculation for mass removal is considered for just a single COC. The total mass that would be removed during the selected remedial

activities for each COC was summed based on the excavation to remove the co-located COCs. In total, excavation to the remediation level cumulatively removes from the 8801 property soil approximately 92% of the COC mass as shown in Table 7.

5.3.1.3 Groundwater

In groundwater, the cleanup levels are discussed by chemical, including the cPAHs, PCBs, copper, arsenic, and halogenated VOCs. Remediation levels are proposed for the halogenated VOCs as shown in Table 8.

Total cPAHs TEQ and total PCB aroclors. The cleanup levels for total cPAHs TEQ and total PCB aroclors in groundwater are extremely stringent (parts per trillion) that are not currently achievable by laboratories. For this reason, the cleanup level is based on the PQL. The restoration timeline associated with achieving the cleanup levels for these COCs in groundwater is on the order of decades even with remedial action.

Copper and Arsenic. As discussed in the fate and transport section, the copper and arsenic in soil is likely being mobilized by the anaerobic conditions generated by the dechlorination of the halogenated VOCs and hydrocarbon breakdown. As the dechlorination decreases, the groundwater condition will stabilize, and copper and arsenic will re-precipitate out of groundwater as demonstrated by the 2019 groundwater sampling event results. The cleanup values for copper and arsenic in groundwater are based on a local background concentration of 8 µg/L for both chemicals.

Halogenated Volatile Organic Compounds (VOCs). As shown in Table 2, the most stringent and applicable cleanup value for the halogenated VOCs is the protection of surface water associated with the consumption of organisms only.

Groundwater remediation levels for the halogenated VOCs are proposed because the chemicals degrade naturally and reducing the concentrations to the selected remediation levels will enable natural processes to then be enough to ensure the cleanup levels are met by the point of compliance. The natural breakdown of the halogenated VOCs was assessed using a BIOCLOR model and the remediation levels are based on the calculations included in the BIOCHLOR model. The modeling and selection of the groundwater halogenated VOC remediation levels is discussed in Section 5.3.2 below and, where necessary, the values are corrected for the air pathway protective of a commercial occupant of the future building.

The additive hazards or risks for the groundwater cleanup levels was not completed because the values are based on ARARs, background concentrations, and PQLs.

5.3.2 BIOCHLOR Model

BIOCHLOR is a screening model that simulates remediation by natural attenuation of dissolved solvents in groundwater. The software, programmed in the Microsoft Excel spreadsheet environment and based on the Domenico analytical solute transport model, can simulate one-dimensional advection, three-dimensional dispersion, linear adsorption, and biotransformation via reductive dechlorination (the dominant biotransformation process at most chlorinated solvent sites). Dissolved solvent degradation is assumed to follow a sequential first-order decay process.

The six primary components of the BIOCHLOR model input are (a) advection terms, (b) dispersion terms, (c) adsorption terms, (d) biotransformation terms, (e) general plume dimension terms, and (f) source data terms. BIOCHLOR calculates some terms based upon data and assumptions entered into the spreadsheet system.

Two different BIOCHLOR model types were used in this study:

- Solute transport without decay (assumes no degradation but that dilution is occurring)
- Solute transport with biotransformation modeled as a sequential first-order decay process (assumes dechlorination degradation is occurring)

The source constituent input for the BIOCHLOR model was derived from either the highest constituent levels detected in groundwater in 2006 (at MW-8A, MW-14A, and MW-28A), or from estimates of constituent partitioning to water based on soil constituent levels measured during soil sampling in 2002 or 2004 (D0, G0, F1, FPD-4, and FPD-5). BIOCHLOR model input parameters are provided in Appendix C.

Groundwater analytical results from sampling events in 1997, 1999, 2000, 2001, 2002, 2004, 2006, and 2011 were used to develop the source decay constants and constituent-specific biotransformation rates. The general source decay rate (K_s) at each source area was calculated using a fit to a semi-log plot of total halogenated VOC concentrations in water versus time at the source areas MW-14A and MW-28A (the results from MW-14A were applied to MW-8A due to the proximity of these wells).

The constituent-specific biotransformation rates (λ) were derived by comparing rates calculated by exponential fits of 8801 property constituent data with reference rate values suggested by the BIOCHLOR λ Help module, all informed by knowledge of the 8801 property conditions.

In situations where constituent concentrations are very low, or where daughter product constituents such as cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride are formed and degraded, the estimation of biotransformation rates can be difficult. The rate and half-life

($t_{1/2}$) for PCE (0.462/year (yr); $t_{1/2} = 1.5$ yr) was a conservative selection weighing site data based on values suggested by the BIOCHLOR module. The rate for TCE (0.173/yr; $t_{1/2} = 4$ yr) was selected based on an averaging of calculated TCE half-lives for the MW-14A and MW-28A locations. The DCE rate (0.099/yr; $t_{1/2} = 7$ yr) nearly matches the 0.1/yr suggested by the BIOCHLOR λ Help module and was chosen based on the calculated 8801 property DCE half-lives at both MW-14A and MW-28A. The vinyl chloride rate (0.385/yr; $t_{1/2} = 1.8$ yr) also is close to the value of less than 0.4/yr suggested by the BIOCHLOR λ Help module and is chosen on the weight of the 8801 property vinyl chloride calculated half-life at MW-14A.

5.3.3 BIOCHLOR Results

Based upon the age of the release (pre-1986) and the concentration profile for halogenated VOCs reported in groundwater, transport of halogenated VOCs from soil to groundwater was assumed to be at equilibrium in areas east of the AS/SVE system.

The BIOCHLOR model predicted that without remediation, TCE in groundwater originating from MW-8A and MW-14A and cis-1,2-DCE and vinyl chloride originating from MW-28A, would enter the LDW at levels exceeding the groundwater PCUL. The model also predicted that PCE and TCE concentrations collected in 2002/2004 from soil borings D0, G0, F1, FPD-4, and FPD-5 will reach the LDW at concentrations that exceeded the groundwater PCULs. Concentrations in groundwater have declined since 2002/2004 and the predictions generated by the model that concentrations will exceed the PCUL at the property boundary with the LDW may no longer be appropriate. However, given the low PCULs, it is likely that vinyl chloride concentrations continue to be near, or above its PCUL at the property boundary with the LDW, if no remedial activities are undertaken.

Iterative analysis was conducted using the BIOCHLOR model, with the selected degradation coefficients for the 8801 property, to estimate potential remediation levels at the monitoring well and soil boring locations that would meet criteria protective of surface water and sediments. Remediation levels that would be protective of the vinyl chloride groundwater cleanup level are discussed in Section 5.3.1.3. Modeling to determine the overall loading to the system once sources in soil had been removed (as discussed later in the text) was not undertaken.

The halogenated VOCs produce a vapor phase gas and measured concentrations of these chemicals in air samples have been recorded at the 8801 property. The groundwater remediation values that were generated for the halogenated VOCs using the BIOCHLOR model were modelled to consider indoor air exposure PCULs. The proposed remediation levels are presented in Table 8.

Halogenated Volatile Organic Compounds (VOCs) Remediation Levels Protective of Air Vapor Pathway. Halogenated VOCs generate vapor to air that could impact occupational occupants of the future building and remediation levels of halogenated VOCs in groundwater may not be sufficiently protective of this exposure pathway. Therefore, modeling was undertaken to determine if the remediation levels were sufficiently low to protect occupational workers. The Johnson and Ettinger Model (October 2017; EPA 2017) was used to determine whether the groundwater remediation levels are protective of the air exposure pathway to occupational workers assuming a slab-on-grade construction (the proposed building will be constructed approximately 4 feet above existing surface; therefore, the assumptions used in the Johnson and Ettinger Model input are conservative). The halogenated VOCs remediation levels were input into the Johnson and Ettinger Model. The model output calculated indoor air concentrations generated by the chemicals are less than the MTCA B values protective of indoor air. The cancer risk and hazard quotient of the halogenated VOCs were added together to determine the cumulative indoor air exposure risk. The values summed to 7.13×10^{-7} with a hazard quotient of less than 1 for protection of occupational workers. The Johnson and Ettinger model calculations demonstrate that the remediation levels for TCE and vinyl chloride are sufficiently protective to the air pathway. The calculations and results are presented in Appendix C.

The halogenated VOC cleanup levels for a surface water concentration protective of organisms will be achieved at the boundary of the property with the LDW within a reasonable restoration timeline of approximately ten years. The halogenated VOC remediation levels that are protective of indoor air exposure in the western part of the 8801 property will be achieved in approximately three years (with bioaugmentation).

5.3.4 Point of Compliance (POC)

MTCA defines the POC as the point or points at which cleanup levels must be attained. The POC applies to all soil, groundwater, or air at or adjacent to any location where releases of hazardous substances have occurred or that has been impacted by releases from the location. The primary affected media at the 8801 property are soil and groundwater. The inhalation pathway is also significant for the 8801 property due to the presence of halogenated VOCs in soil and groundwater.

5.3.4.1 Soil

POCs demonstrating compliance for pathways protective of human health, namely potential direct contact, inhalation, or ingestion of impacted soil, shall be established in the soil throughout the 8801 property from the ground surface to 15 feet bgs (WAC 173-340-740(6)(d)).

The POC demonstrating protection of groundwater shall be established in soil throughout the 8801 property (WAC 173-340-740(6)(b)).

POCs demonstrating compliance for pathways protective of human health and the environment by migration of chemicals from soil to air shall be established in the soil from the ground surface to the top of the uppermost saturated zone throughout the 8801 property (i.e., the vadose zone) (WAC 173-340-740(6)(c)).

As discussed earlier, the 8801 property is excluded from the requirement for a terrestrial ecological evaluation. The property is excluded because the presence of existing and future buildings or pavement will prevent plants and wildlife from exposure to contaminated substrate provided an institutional control is implemented in accordance with WAC 173-340-7491(1)(b).

5.3.4.2 Air

The POC demonstrating compliance for pathways protective of air will be ambient air throughout the 8801 property (WAC 173-340-750(6)). Per WAC 173-340-750(1)(a); the cleanup standard applies to ambient outdoor air and air within a building, manhole, utility vault, or any structure large enough for a person to fit into.

5.3.4.3 Groundwater

Groundwater cleanup levels are based on indoor air protection or protection of discharge to surface water of the LDW. MTCA regulations favor permanent cleanup of groundwater contamination at the standard POC (throughout the site). A standard POC for groundwater, as described in WAC 173-340-720(8)(b), would include all groundwater in the saturated zone beneath the 8801 property and in any area affected by releases from the facility. However, under WAC 173-340-720(8)(c), Ecology may approve use of a conditional POC.

Groundwater cleanup levels would apply at this conditional “point” and downgradient. Groundwater contamination upgradient of the conditional POC, but within the site, would not be required to meet cleanup levels within a reasonable timeframe (if conditions in WAC 173-340-720(8)(c) are met).

A conditional POC for groundwater may be located either on the source property (e.g., at the property boundary) or beyond the property boundary. It is not proposed to set the conditional POC beyond the 8801 property boundary. The specific regulatory requirements for establishing a conditional POC include the following:

- It is not practicable to attain the standard POC within a reasonable restoration time frame (WAC 173-340-720(8)(c));
- The conditional POC shall be as close as practicable to the source of the release (WAC 173-340-720(8)(c)); and
- The conditional POC will not exceed the property boundary (WAC 173-340-720(8)(c)).

The regulatory requirements above must be met to establish a groundwater conditional POC. The 8801 property meets the above requirements as detailed below:

- It is not practicable to attain the standard POC throughout the full extent of the site since the cleanup levels for total cPAH TEQ and total PCB aroclors are so stringent. Although the cPAH and PCB groundwater cleanup level in this report are based on the laboratory PQLs, the current PQLs are orders of magnitude higher than the cleanup level calculated to be protective of surface water. As analytical methods improve, the PQL will move lower (closer to the value protective of surface water) and detectable cPAHs and PCBs may be encountered. These detections will result in additional groundwater sampling and increase the timeline before compliance is achieved. It is not possible with certainty to state the amount of time before the cleanup levels are achieved at the 8801 property because the presence of these chemicals is not yet able to be measured. For this reason, it is likely multiple decades before the 8801 property will be in compliance and as such the standard POC (throughout the site) cannot be achieved in a reasonable restoration timeline.
- The conditional POC will be located on the western edge of the 8801 property. In the south of the property, this point is immediately west of the area where cPAHs and PCB containing soil will be excavated and removed and therefore is as close as practicable to the source of the release. Concentrations of total cPAHs TEQ have declined as soil hydrocarbon contamination has naturally degraded. However, total cPAHs TEQ across the 8801 property have been identified in groundwater at concentrations that are below detection limits and yet may be above the cleanup level. Therefore, the western property boundary is as close as practicable to the source of the release since it is not possible to identify which wells exceed the cleanup level.
- By placing the conditional point of compliance on the western property boundary, it does not exceed the property boundary.

Therefore, the 8801 property meets the requirements of the regulations for using a conditional point of compliance.

5.4 Areas of Concern

The locations at which COCs were identified in soil, groundwater, and have the potential to impact air (Section 3.2) were evaluated against the proposed cleanup and remediation

levels. Table 9 includes a summary of soil, groundwater, and air COCs and areas of concern. The following areas of concern have been identified:

- Soil (see Figures 12, 14, 15, and 16)
 - Area 1: TCE (G0)
 - Area 2: Total cPAHs TEQ (EH4-S-1.5 and EH4-W-1.5)
 - Area 3: Total PCB aroclors (DG11-11); copper (DG11-11); gasoline-range hydrocarbons (DG11-12)
 - Area 4: Total dioxins/furans TEQ (C6 and DG11-1); Total PCBs aroclors (DG11-1); copper (SS-SW-04 and -05)
 - Area 5: Total PCB aroclors (SWS-1); total cPAHs TEQ (DS-2); oil-range hydrocarbons (former southwest storage area); arsenic (BY-3); cadmium (BY-1); copper (BY-3 and MW-43A); lead (former southwest storage area)
 - Area 6: Arsenic (SFA-S15-3)
 - Vicinity of A1 (northwest corner): Gasoline-range hydrocarbons (see groundwater)
 - WP-4 and WP-6: Hexavalent chromium
 - SSBOT-03: Total PCB aroclors
 - B3: Lead
- Groundwater (see Figures 12 and 17)
 - Halogenated VOC Plume: PCE, TCE, and vinyl chloride
 - Vicinity of A1: Gasoline-range hydrocarbons (A1), diesel- and oil-range hydrocarbons (A1 and MW-44A) and vinyl chloride
 - MW-15A: 1,1-DCA
 - MW-16A and MW-34A: Total PCB aroclors
 - MW-30A: Total PCB aroclors
 - MW-41A: Copper
- Indoor Air (see Figures 12 and 17)
 - Halogenated VOC Plume: TCE and vinyl chloride
 - MW-15A (in the center of the halogenated VOC plume): 1,1-DCA
 - Area 7: Gasoline-range hydrocarbons (FWW-1)

Of the above areas of concern, it should be noted that the total PCB aroclor contaminated soil at SSBOT-03 is located below a stormwater vault and is not accessible for remediation or likely to be an exposure route to construction worker until the system is removed (unknown date but likely decades as the vault was recently constructed in 2007). The lead sample at B3 is beneath the slab of the former fiberglass building and the AS/SVE remediation treatment system and is not accessible for remediation nor is lead likely to be an exposure route to construction workers until remediation is complete and the building removed (date

unknown). The hexavalent chromium areas of concern at WP-4 and WP-6 is considered contingent. Groundwater sampling is needed to determine if remediation is necessary. If groundwater sampling indicates that groundwater is not impacted, the compound will be eliminated as a COC in soil. If the groundwater contains hexavalent chromium above the CUL, the soil will be excavated and disposed offsite.

6 IDENTIFICATION AND DEVELOPMENT OF REMEDIAL ALTERNATIVES

This section discusses the requirements for evaluating and developing the remedial alternatives. The remedial alternatives are grouped such that remedial alternatives in each group address similar impacted media, COCs, and areas of concern. The groups are Soil, Groundwater, and Northwest Area. Only one remedial alternative can/should be selected for each group, since selecting multiple remedial alternatives may cause interference or be ineffective. Synergistic effects of selected alternatives are discussed in Section 7.4.7.

6.1 Remedial Action Objectives (RAOs)

RAOs are medium-specific goals for the protection of human health and the environment. RAOs form the basis for developing and evaluating remedial actions. The RAOs are:

- Protect current and future worker exposure to soil contaminants.
- Protect workers occupying future buildings.
- Protect current and future beneficial use of surface water and sediments in the LDW by attaining groundwater cleanup levels before groundwater migrates to the LDW.
- Achieve the groundwater remediation cleanup levels for the halogenated VOC plume within a reasonable timeframe.

6.2 General Response Actions

General response actions are those actions that satisfy RAOs. General response actions consist of engineering, and/or institutional controls; treatment, soil excavation, and off-site disposal without treatment, monitored natural attenuation, and combinations of these. Combinations of general response actions were assembled into groups called remedial alternatives for evaluation against other remedial alternatives.

All remedial alternatives include compliance monitoring. Periodic compliance monitoring will occur until the cleanup levels are achieved at the POCs. Selected monitoring wells will

be sampled to assess the effectiveness of remedial measures undertaken to address 8801 property groundwater and to verify that soil COCs are not migrating to the LDW. The frequency of sampling will be assessed using eight quarters of groundwater monitoring undertaken after completion of the remedial actions and reduced, if warranted.

6.3 Remedial Alternative Grouping

Remedial alternatives affecting the same areas of concern, COCs, and/or media were assigned to one of three groups: Soil, Groundwater, or the Northwest Area, where one remedial alternative should be selected for each group.

- Soil – Includes all saturated and unsaturated soil on the 8801 property that is above the cleanup levels for COCs, except for TCE and vinyl chloride since they are addressed in the groundwater remedial alternatives. We estimate that approximately 1/3 of the 8801 property (215,000 square feet) has soil above the cleanup levels for COCs, excluding TCE and vinyl chloride. Primary COCs are PCBs, cPAHs, and copper.
- Groundwater – Includes all groundwater on the 8801 property that is above the cleanup levels for COCs and potential source material, including TCE impacted soil and PCB-containing caulk. These remedial actions also include controls for potential affects to indoor air from the TCE groundwater plume. Primary COCs are TCE, vinyl chloride, and PCBs.
- Northwest Area – Includes soil and groundwater at the northwest corner of the 8801 property. Primary COCs are TPH and vinyl chloride.

6.4 Model Toxics Control Act (MTCA) Threshold Requirements

The remedial alternatives were screened against these four minimum/threshold requirements. Alternatives that did not satisfy one or more of these requirements were not considered further.

- Protect human health and the environment.
- Comply with cleanup standards.
- Comply with applicable federal and state laws.
- Provide for compliance monitoring.

6.5 Soil

Six remedial alternatives were considered for soil and evaluated for compliance with the four threshold/minimum requirements (Table F-1A). Four remedial alternatives that satisfied the four threshold/minimum requirements are discussed in more detail below. The soil alternatives evaluation and summary are presented in Section 7.3.1.

6.5.1 Alternative 1a: Excavation/Disposal to Cleanup Levels (CULs)

In this alternative, all soil that exceeds the saturated soil cleanup levels for the COCs in soil would be removed from the 8801 site as shown on figures in Appendix D. We estimate that 214,369 square feet, or one third of the area of the 8801 property, would be excavated for a total of 71,456 tons of impacted soil. We estimate that soil would be excavated up to 15 feet bgs in areas, where there is insufficient information to estimate the depth to the excavation base. The depth of 15 feet bgs was selected because it is the human health direct contact POC. However, in many locations the COCs do not extend to 15 feet bgs and the depth of the excavation was based on the known concentrations of COCs.

This alternative is expected to require extensive and lengthy excavation and movement of contaminated materials through the adjacent neighborhood (approximately 2,400 truck trips). The excavated soil would be classified as non-hazardous waste given past samples results. The excavated soil would be loaded directly, if feasible, into a dump truck for transport to a permitted disposal facility. Excavated saturated soil may require stabilization or dewatering prior to loading for offsite disposal.

After excavation, samples would be collected around the excavation sidewalls. Confirmation samples would also be collected across the bottom of the excavations where the excavation does not contact groundwater. The excavations would be backfilled with compacted inert fill, and the ground surface would be restored to pre-excavation conditions, consisting of a 6-inch surface cap of asphalt. We assume for cost estimating purposes that all the soil to be excavated is accessible and that subsurface infrastructures would not need to be removed/replaced. Therefore, the estimated cost as presented in the DCA is likely less than actual cost if this alternative were implemented.

6.5.2 Alternative 1b: Excavation/Disposal to Remediation Levels (RELS) with Institutional Controls

In this alternative, six “hotspots” that have soil exceeding remediation levels would be removed (shown in Figures 15 and 16 as Areas 2 through 7). For this alternative, the RELs are 0.5 mg/kg PCBs, 0.6 mg/kg cPAHs, copper REL, arsenic REL, gasoline CUL, and dioxins/furans natural background levels. The remaining un-excavated areas that have soil exceeding the saturated soil cleanup levels would be capped over the existing pavement with 2 inches of asphalt and institutional controls would be implemented.

We estimate that 22,057 square feet, or about 4 percent of the area of the 8801 property, would be excavated for a total of 10,816 tons of impacted soil (approximately 370 truck trips). The excavated soil from each area has been classified as non-hazardous waste based on previous sample results. Complete delineation of some of the excavation areas and

COCs has not been undertaken to date; field sampling will be completed during excavation work to verify remediation levels are achieved as discussed below.

This alternative would remove impacted soil within the delineated areas of concern as described in detail for each area below. The excavation locations are shown in Figures 14 and 15, and cross sections showing the concentration of COCs in the excavations are provided in Appendix E.

- **Northern Property Boundary – G0 (Area 1):** This area is not excavated for this remedial alternative. This area has detected TCE and vinyl chloride above the remediation levels and is therefore addressed in the groundwater remedial alternatives, and not in the soil remediation alternatives.
- **H4 Area (Area 2):** The shallow soil (1.5 feet bgs) in the unsaturated zone is impacted by cPAHs. Area 2 would be excavated to a depth of approximately 4.5 feet bgs. It is assumed that the material would be disposed of as non-hazardous waste. The excavation size is selected to be no greater than the area of the previous excavation, because the current cPAHs concentration is lower than the concentration in the previously excavated soil. Sampling will be undertaken to determine where the cPAH remediation level is achieved.
- **E7 and Vicinity (Area 3):** The shallow soil (2 to 3 feet bgs) in the unsaturated zone is impacted by PCBs, copper, and gasoline-range hydrocarbons. Approximately 3,008 tons of shallow soil would be excavated to a depth of 6 feet bgs. We assume that the material would be disposed of as non-hazardous waste. Sampling will be undertaken to determine when the PCB, copper, and gasoline-range hydrocarbon remediation levels are achieved.
- **DG11-1 and Vicinity (Area 4):** The shallow soil (3 to 4 feet bgs) is impacted by PCBs and dioxin/furan. Approximately 972 tons of shallow soil would be excavated to a depth of 7 feet bgs. We assume that the material would be disposed of as non-hazardous waste. Sampling will be undertaken to determine where the remediation and cleanup levels are achieved for the PCBs and dioxin/furans, respectively. The west side of the excavation is part of the former stormwater vault excavation and will not be sampled as it is imported backfill.
- **Southwest Storage Area (Area 5):** Shallow soil (1 to 5 feet bgs) is impacted by lead and arsenic and deeper soil (6 to 11 feet bgs) is impacted by PCBs and lead. Approximately 666,7 tons of soil would be excavated to an average depth of 12 feet bgs. We assume that the material would be disposed of as non-hazardous waste. The excavation base, west boundary, and south boundary are delineated. Sampling will be undertaken to determine where the remediation levels are achieved on the north and east sidewalls.
- **SFA-S15-3 (Area 6):** Arsenic impacts the shallow soil at one sample location. Approximately 36 tons of soil would be excavated to a depth of 6 feet bgs. We assume

that the material would be disposed of as non-hazardous waste. A base sample will be collected to confirm that the arsenic remediation level is achieved.

- **FWW-1 (Area 7): Gasoline-range hydrocarbon impacts to shallow soil at one sample location. Approximately 65 tons of soil would be excavated to a depth of 11 feet bgs. We assume that the material would be disposed of as non-hazardous waste.** Sampling will be undertaken to determine that the gasoline-range hydrocarbon remediation level is achieved.

The excavated soil would be loaded directly, if feasible, into a dump truck for transport to a permitted disposal facility. Excavated saturated soil may require stabilization or dewatering prior to loading for offsite disposal. As described above after excavation, samples would be collected around the excavation sidewalls where previously not delineated. Confirmation samples as detailed above would be collected across the bottom of the excavations where the excavation limit had not been previously delineated, and where the base does not contact groundwater. The excavations would be backfilled with compacted inert fill, and the ground surface would be restored to pre-excavation conditions, consisting of a 6-inch surface cap of asphalt.

The remaining areas of the 8801 property that were not excavated but have COCs above the remediation levels or saturated soil cleanup levels, would be capped to prevent infiltration of stormwater and migration of COCs from soil to groundwater. The 8801 property is currently paved with concrete and asphalt; therefore, the cap would consist of improving the surface cover with about 2-inch-thick asphalt. The cap would be maintained over time. Institutional controls by means of a deed restriction would be implemented to prevent uncontrolled disturbance of the cap. Since remediation levels are below direct contact levels, worker exposure during construction or excavation would not need to be managed. Figure 16 shows the areas that will likely remain on the 8801 property after excavation work to these remediation levels is undertaken.

6.5.3 Alternative 1c: Excavation/Disposal to Remediation Levels (REs) with Institutional Controls

In this alternative, hotspots that have soil exceeding remediation levels are proposed to be removed. The remediation levels are the same as those discussed in Alternative 1b, except the levels for PCBs and cPAHs are more stringent (0.13 mg/kg PCBs and 0.1 mg/kg cPAHs). The hotspots to be excavated include the six hotspots identified in Alternative 1b, an expansion to Areas 5 and 4, and four isolated single sample point exceedances.

We estimate that 23,589 square feet would be excavated for a total of 11,646 tons of impacted soil (approximately 400 truck trips). We assume the excavated soil from each area is classified as non-hazardous waste. Complete delineation of some of the excavation areas

and COCs has not been undertaken to date; field sampling will be completed during excavation work to verify remediation levels are achieved.

The excavated soil would be loaded directly, if feasible, into a dump truck for transport to a permitted disposal facility. Excavated saturated soil may require stabilization or dewatering prior to loading for offsite disposal. After excavation, samples would be collected around the excavation sidewalls where previously not delineated. Confirmation samples as detailed above would be collected across the bottom of the excavations where the excavation limit had not been previously delineated, and where the base does not contact groundwater. The excavations would be backfilled with compacted inert fill, and the ground surface would be restored to pre-excavation conditions, consisting of a 6-inch surface cap of asphalt.

The remaining areas of the 8801 property that were not excavated but have COCs above the saturated soil cleanup levels, would be capped to prevent infiltration of stormwater and migration of COCs from soil to groundwater. The 8801 property is currently paved with concrete and asphalt; therefore, the cap would consist of improving the surface cover with about 2-inch-thick asphalt. The cap would be maintained over time. Institutional controls by means of a deed restriction would be implemented to prevent uncontrolled disturbance of the cap. Since remediation levels are below direct contact levels worker exposure during construction or excavation would not need to be managed.

6.5.4 Alternative 1d: Cap and Institutional Controls

In this alternative, all soil that exceeds the saturated soil cleanup levels for the COCs would remain in-place and be capped. We estimate that 214,369 square feet, or one third of the area of the 8801 property, would be capped. The 8801 property is currently paved with concrete and asphalt; therefore, the cap would consist of improving the surface cover with about 2-inch-thick asphalt. The cap would be maintained over time. Institutional controls by means of a deed restriction would be implemented to prevent uncontrolled disturbance of the cap.

6.6 Groundwater

The groundwater plume COCs consist predominantly of TCE near the north property boundary and transitions to predominantly vinyl chloride downgradient to the south and west (Figure 1). The vinyl chloride is likely a daughter product from degradation of PCE and TCE. An AS/SVE system is active on the 8801 property (Figure 17) and is proven to reduce concentration of volatile organic compounds in the groundwater plume. This existing AS/SVE is considered in all the remedial actions for the TCE/vinyl chloride plume.

In addition to the groundwater TCE plume, remedial actions were also developed for PCB-impacted groundwater at MW-16A and MW-34A. Remedial alternatives for the northwest area of the 8801 property (which is within the groundwater vinyl chloride plume) were considered separately in Section 6.7 since the area has unique challenges.

Six alternatives were considered for groundwater and evaluated for compliance with the four threshold/minimum requirements (Table F-2A). Remedial alternatives that satisfied the four threshold/minimum requirements are discussed in more detail below. These remedial alternatives consist of combinations of remedial actions are shown in Exhibit 6-1.

Exhibit 6-1: Combinations of Actions for Groundwater Remedial Alternatives

Areas of Concern / COCs	Remedial Alternative No.			
	2a	2b	2c	2d
TCE-impacted soil	Excavate TCE to CUL	Excavate TCE to REL	Excavate TCE to REL	Excavate TCE to REL
TCE/vinyl chloride groundwater plume upgradient of existing AS/SVE system	ERD	ERD	MNA	ERD
TCE/vinyl chloride groundwater plume downgradient of existing AS/SVE system	Expand existing AS/SVE system	Expand existing AS/SVE system	Expand existing AS/SVE system	MNA
PCBs in groundwater at MW-16A and MW-34A	Remove nearby PCB-containing chalk	Remove nearby PCB-containing chalk	Remove nearby PCB-containing chalk	Remove nearby PCB-containing chalk
Potential indoor air vapor intrusion over TCE/vinyl chloride plume	Implement institutional controls	Implement institutional controls	Implement institutional controls	Implement institutional controls

NOTE:

AS/SVE = air sparge/soil vapor extraction; CUL = cleanup level; COCs = chemicals of concern; ERD = enhanced reductive dechlorination; MNA = monitored natural attenuation; PCB = polychlorinated biphenyls; REL = remediation level; TCE = trichloroethene

The individual component parts detailed in Exhibit 6-1 are discussed in the following sections. The groundwater alternatives evaluation and summary are presented in Section 7.3.12.

6.6.1 Actions for Trichloroethene- (TCE-) Impacted Soil

TCE-impacted soil on the 8801 property is contributing to the TCE/vinyl chloride plume.

We considered two actions to address TCE-impacted soil: excavation and disposal of TCE-impacted soil that is above the CUL or above the REL.

For the remedial alternative that has TCE-impacted soil excavated to the CUL (0.001 mg/kg TCE), we estimate that ¼ of the 8801 property would be excavated resulting in 53,500 tons of

soil disposed of offsite. This alternative is expected to require extensive and lengthy excavation and movement of contaminated materials through the adjacent neighborhood. We assume the excavated soil would be classified as non-hazardous or hazardous waste, dependent on the area of excavation and further delineation.

For remedial alternative that has TCE-impacted soil excavated to the REL (5 mg/kg TCE), we estimate that 4,400 square feet would be excavated (less than 1 percent of the area of the 8801 property) at the north property boundary (Area 1 of Figure 14). The shallow soil in the unsaturated zone is impacted with TCE. Approximately 956 tons of soil would be excavated to a depth of 4 feet bgs (possibly may be extended to groundwater to allow for additional removal of TCE impacted soil if base or sidewalls contain noticeable TCE odors [for this report, a depth of 4 feet bgs is used]). Of the total tonnage excavated, it is assumed that approximately 860 tons of material would be disposed of as non-hazardous waste for disposal at a Subtitle D landfill, with the remaining 96 tons of material disposed of as hazardous waste at a Subtitle C landfill. The hazardous waste determination is based upon soil TCE concentrations from past sampling.

For both excavation scenarios, the excavated soil would be loaded directly, if feasible, into a dump truck for transport to a permitted disposal facility. Excavated saturated soil may require stabilization or dewatering prior to loading for offsite disposal.

After excavation, samples would be collected around the excavation sidewalls. Confirmation samples would also be collected across the bottom of the excavations where the excavation does not contact groundwater. The excavations would be backfilled with compacted inert fill, and the ground surface would be restored to pre-excavation conditions, consisting of a 6-inch surface cap of asphalt. We assume that all the soil excavated to the CUL is accessible and that subsurface infrastructures would not need to be removed/replaced. Therefore, the estimated cost as presented in Appendix F is likely less than actual cost if this alternative were implemented.

6.6.2 Actions for Trichloroethene (TCE)/Vinyl Chloride Groundwater Plume Upgradient of the Existing Air Sparge/Soil Vapor Extraction (AS/SVE) System

The groundwater plume COCs consist predominantly of TCE and PCE near the north property boundary and transitions to predominantly vinyl chloride downgradient to the south and west (Figure 17). We considered ERD and MNA for the TCE/vinyl chloride groundwater plume upgradient of the existing AS/SVE system.

6.6.2.1 Monitored Natural Attenuation (MNA)

Analytical data indicate that natural attenuation of halogenated VOCs is occurring on the 8801 property. The groundwater monitoring data over numerous years suggest that the TCE/vinyl chloride plume on the 8801 property is stable and decreasing in impact. Therefore, a program of MNA appears to be a viable remediation alternative.

MNA reduces COCs concentrations through natural processes such as biodegradation, diffusion, dispersion, hydrolysis, and sorption. MNA can be an effective long-term method for mitigating risks. Typical goals for MNA are demonstrated decreases in mass, toxicity, mobility, volume, or concentrations of COCs. Progress toward MNA is demonstrated by groundwater monitoring.

MNA is considered as a component to be combined with other remedial alternatives for groundwater (either excavation and injection or excavation). The BIOCHLOR modeling demonstrates that MNA could not be used as a stand-alone remedy for halogenated VOCs (Section 5.3.3).

6.6.2.2 Enhanced Reductive Dechlorination (ERD)

Halogenated VOCs can be biodegraded by anaerobic processes. Complete biodegradation of halogenated VOCs ultimately results in the production of ethene, ethane, water, and chloride. Reductive dechlorination is the major pathway for the anaerobic biodegradation of halogenated VOCs. Analytical data from previous investigations show reductions in PCE and TCE concentrations and the related occurrence of daughter compounds (cis-1,2-DCE and vinyl chloride), indicating that natural anaerobic degradation has been occurring at the 8801 property.

ERD augments naturally occurring biodegradation by supplying additional degradable carbon sources to groundwater to support reductive (anaerobic) conditions and help augment the biomass (population) of anaerobic bacteria. The result is a geochemical environment conducive to more rapid reductive dechlorination. Solutions containing the carbon source are typically composed of various organic constituents, such as emulsified edible (soybean) oil, lactate, molasses, or whey that are injected into the water column. The carbon source is selected based on effective dispersion into the impacted aquifer, ability to stimulate biological growth and acclimation, and the necessity for multiple injections to sustain reductive conditions. The evaluation in this FS considered injection of emulsified oil because this carbon source typically persists for several years in the aquifer, decreasing the frequency of reapplication and reducing labor costs, which is relevant given that the proposed re-development of the property may limit access during construction for a couple

of years. ERD has the added benefit that the substrate is injected into saturated soil that can accelerate remediation in these soils.

To enhance the ERD, bioaugmentation, addition of dechlorinating bacteria, will be conducted at the 8801 property. Bioaugmentation will be performed by injecting, an enriched, natural microbial consortium containing species of *Dehalococcoides* sp., which are capable of completely dechlorinating contaminants during in situ anaerobic bioremediation processes. Bioaugmentation has been successfully applied at properties in the vicinity of the 8801 site, as well as other sites in Washington.

ERD is typically employed using lines of injection wells. Spacing of the injection wells is based on the rate of dispersion of the carbon source, which depends on groundwater flow properties and injection frequency. Estimates of cost and time for the FS are based on an injection well spacing of 30 feet and groundwater flow of approximately 40 feet per year. We estimate that 157 injection locations would be used across the area shown in Figure 18 and would be required for 3 injection events; however, the number of wells, number of events, and frequency of events may be altered depending on in situ conditions and progress toward achieving remediation levels.

6.6.3 Actions for Trichloroethene (TCE)/Vinyl Chloride Plume Downgradient of Existing Air Sparge/Soil Vapor Extraction (AS/SVE) System

The groundwater plume downgradient (west) of the existing AS/SVE system predominantly consists of vinyl chloride. The groundwater gradient is toward the LDW. We considered two actions for this area including MNA and expansion of the existing AS/SVE system.

The viability of MNA as a remedial option prior to remediation levels being achieved is discussed in 6.6.2.1. Given the proximity of the area west of the AS/SVE system to the LDW, there is limited travel time for COCs to achieve the cleanup level before discharge to the river even after remediations levels are reached. MNA is considered a viable but limited remediation alternative for the area west of the AS/SVE system.

An existing AS/SVE system is present on the 8801 property as shown in Figure 17. The existing AS/SVE was constructed and commissioned in 2004. The system runs parallel with the western property boundary from approximately 70 feet south of the north property line to approximately 180 feet north of the south property line. The AS/SVE system has been demonstrated through groundwater monitoring to be effective at reducing the vinyl chloride concentration; however, values continue to be above the proposed cleanup levels due to the continuing contribution from TCE breakdown upgradient of the system.

The AS/SVE injects air into impacted groundwater (air sparging). As the injected air migrates upward through groundwater, VOCs transfer from the liquid phase to the vapor phase in the saturated zone and migrate into the overlying vadose zone. The injected air also oxygenates the groundwater, enhancing aerobic degradation of organic constituents. The vapors containing volatilized constituents are recovered by subsurface collection pipes under vacuum (soil vapor extraction). The recovered vapors could be treated aboveground, if required, by adsorption of VOCs onto granular activated carbon and/or ultraviolet light.

An alternative is to expand the existing AS/SVE system with an additional line of sparging and extraction wells to the west of, and parallel to, the existing wells (Figure 18). The extension would be employed to further reduce halogenated VOCs (primarily vinyl chloride) downgradient of the existing AS/SVE system.

Extension of the AS/SVE would require expanding the existing system and installing additional infrastructure of air-injection wells, air-distribution piping, near-subsurface SVE collection pipes, and SVE recovery piping. The existing electrical infrastructure, air sparging compressors, and SVE air blowers should be adequate to handle the increased capacity. The existing AS/SVE system would be extended underneath the foundation of the existing warehouse. This FS assumes a 20-foot radius of influence for each AS point and a 30-foot radius of influence for each SVE unit. The injection wells would be screened to inject into the uppermost 30 feet of the saturated zone. Costs assume ten years of operation, including additional operation and maintenance expenses.

Extension of the AS/SVE for the area west of the existing AS/SVE system was further considered due to its reasonable ease of construction (no significant building demolition), and likely success at addressing VOCs proximal to the LDW without the potential to impact surface water.

6.6.4 Actions for Polychlorinated Biphenyls (PCBs) in Groundwater at MW-16A and MW-34A

The presence of PCBs in groundwater at MW-16A and MW-34A are likely related to the PCBs in joint compound detected in concrete slab joints near the monitoring well. One viable action was identified to address PCBs at these wells due to an identified potential source.

In this alternative, approximately 600 linear feet of joint compound would be removed from north of the main warehouse. This alternative would require about 3.6 tons of concrete to be saw cut and removed. This removal will prevent PCBs from migrating from the joint compound to runoff and then to monitoring wells MW-16A and MW-34A. The joint

compound and concrete will be replaced with functionally equivalent materials. Removed caulking and concrete would be disposed of offsite at a Subtitle C TSCA licensed landfill.

6.6.5 Potential Trichloroethene (TCE)/Vinyl Chloride Indoor Air Vapor Intrusion

Vapors from volatile COCs may adversely affect any new structures that may be constructed over top of the TCE/vinyl chloride plume. The potential for vapor intrusion is greatest where COCs concentrations are highest. Groundwater data collected in 2019 contains concentration that could impact indoor air at a level that is above the indoor air exposure threshold (Figure 19). Institutional controls are therefore required to ensure that adequate protection is in place to protect those future workers. The institutional controls provide for monitoring until groundwater remediation levels are achieved, or indoor air concentrations are demonstrated to be below the exposure thresholds.

Since re-development of the 8801 property is proposed and the footprint of the proposed building overlies the western edge of the TCE/vinyl chloride groundwater plume more active measure may be considered. Engineering controls such as sub-slab depressurization or a soil vapor barrier beneath the building will be installed as part of the building construction since remediation will still be in progress, if soil gas concentrations at the time of construction exceed the human health exposure levels.

6.7 Northwest Area

The Northwest Area consists of the northwest corner of the 8801 property as shown in Figure 17. Impacted soil and groundwater has been detected, primarily TPH and vinyl chloride. Specifically, TPH concentrations have historically been measured at high enough levels to suggest the presence of residual free-phase hydrocarbons. Mobile, or free-phase hydrocarbons, has not, however, been encountered. Additionally, vinyl chloride has been detected in groundwater above cleanup or remediation levels. Vinyl chloride is likely a daughter product from degradation of the upgradient TCE plume as a source of vinyl chloride has not been identified in the Northwest Area.

Remedial alternatives for the Northwest Area were grouped separately from the soil and groundwater groups due to the unique challenges related to the area. These challenges include:

- Proximity to the LDW. There is limited travel time for COCs to achieve the cleanup level before discharge to the river even after remediations levels are reached. MNA is not a viable action due to the limited travel time for COCs. Furthermore, several injection remediation technologies were considered and rejected due to the potential impacts associated with the nature of the reagent (highly reactive, caustic, or pH changing) and the proximity to the LDW.

- Presence of TPH. Remedial technologies were considered that addressed both primary COCs for this area: TPH and vinyl chloride. ERD that is proposed for the bulk of the TCE/vinyl chloride plume is not a viable technology for the Northwest Area because of its poor-effectiveness on TPH compounds.
- Space constraints. Multiple active utilities are installed in the Northwest Area including the stormwater treatment system, oil/water separator, North Outfall and connecting underground utilities (see photograph below). These structures would remain after implementation of a remedial alternative. Expansion of the AS/SVE system and excavation of impacted soil are not viable remedial actions for the Northwest Area due to space constraints from existing installed systems.



Exhibit 6-2: Surface Structure and Access Constraints in the Northwest Area

Six alternatives were considered for the Northwest Area and evaluated for compliance with the four threshold/minimum requirements (Table F-3A). Three remedial alternatives that satisfied the four threshold/minimum requirements are discussed in more detail below. The Northwest Area alternatives evaluation and summary are presented in Section 7.3.13.

6.7.1 Alternative 3a: Pump and Treat

For this alternative, a pump and treat system would be installed to remove and dispose of mobile contaminants. Typically, contaminated groundwater is pumped out of extraction wells and then treated and disposed of offsite. A pump and treat system would require monthly maintenance and periodic replacement of components due to normal wear and tear. It is assumed that the pump and treat system would operate for 15 years.

We estimate that the system would consist of six extraction wells, pumps, filters, a sparging tank, and plumbing. The plumbing is assumed to be above ground in the northwest area due to access constraints for trenching. The sparge system would be housed within the existing adjacent building. The sparge system would be connected to the sanitary sewer by trenching. The treated water would be disposed of to the sanitary sewer, assuming a permit was obtained.

6.7.2 Alternative 3b: Permeable Reactive Barrier

For this alternative, a permeable reactive barrier would be installed along the north boundary (with a small jog south on the western end) of the Northwest Area to allow for in situ remediation. Permeable reactive barriers allow groundwater to passively flow through the treatment zone that contains the reactive constituents. The reactive constituents are designed to immobilize the contaminants within the barrier or transform the contaminants to less toxic compounds. This alternative assumed 15 years of operation and that replacement of the barrier was not required.

We estimate that this permeable reactive barrier would consist of a continuous trench of 205 feet long, 30 feet deep, and 10 feet wide. The barrier would be installed in a trench excavation and located to intercept groundwater flowing north around the steel sheet pile wall toward the LDW.

Zero valent iron and carbon would be the reactive constituents. Zero valent iron is a mild reductant and can de-halogenate vinyl chloride. Carbon can absorb petroleum compounds and provide a site for biological activity to transform the contaminants to less toxic compounds.

6.7.3 Alternative 3c: In Situ Chemical Oxidation (ISCO) at Northwest Area

In this alternative, ISCO would be used to reduce residual, non-mobile TPH and halogenated VOCs in the Northwest Area of the 8801 property to less than remediation levels.

No treatability studies have been completed for ISCO at the 8801 property. We initially considered five ISCO technologies:

- Hydrogen Peroxide or Fenton's Reaction/Reagent
- Modified or non-pH-dependent Fenton's Reaction
- Permanganate
- Persulfate
- Combination of the above

Fenton's Reaction and modified Fenton's Reaction require mixing of chemicals on site that, if spilled or not injected in the appropriate ratio, would disrupt ecologically sensitive areas. Additionally, these ISCO technologies may result in excessive off-gassing of reacted organics. Fenton's Reaction and modified Fenton's Reaction were not considered further due to the proximity of the ecologically sensitive LDW to the potential injection area.

Permanganate is more highly reactive with the potential for an exothermic release if neutralized with concentrated reactants. This ISCO technology was not considered further due to the proximity of the proposed injection area to underground utilities and the steel sheet pile wall adjacent to the LDW, both of which may be adversely affected by an exothermic release.

We evaluated persulfate as the ISCO technology with the highest potential effectiveness given the COCs and on-site conditions. We selected PeroxyChem's Klozur® CR, which is a slurry of self-activating persulfate and calcium peroxide. Klozur® CR performs chemical oxidation of COCs and supports enhanced aerobic remediation. Estimates of cost and time to meet the proposed cleanup levels are based on approximately 17 injection points (shown in Figure 18) and up to six injection events followed by one year of groundwater performance monitoring to demonstrate that the RAOs are being met.

In advance of active remediation, excavation may occur in the Northwest Area in association with this alternative. The excavation cavity would be backfilled with controlled-density fill to function as a utility-corridor barrier, reducing in situ groundwater remediation reagent infiltration into the LDW. Contaminated soil around the North Outfall pipe would be vacuum excavated or excavated to expose the stormwater pipe. Vacuum excavation is proposed to prevent damage to the conveyance structures in the area, but slot excavation may meet the same objective. The excavation will allow construction of a trench dam. The vacuum excavator will be a self-contained unit that uses pressurized air to displace soil and create a dry spoil. The displaced dry spoil is removed from the area through a hose using high-velocity suction and stored in a holding tank on the vacuum truck.

7 EVALUATION OF REMEDIAL ALTERNATIVES

In this section, criteria specified by MTCA are used to qualitatively evaluate the remedial alternatives described in Section 6 and select the preferred alternative. The selection process for each of the soil, groundwater and Northwest Area alternatives is provided in detail in Appendix F (Tables F-1B, F-2B, and F-3B).

7.1 Model Toxics Control Act (MTCA) Evaluation Criteria

The MTCA evaluation criteria consist of MTCA minimum/threshold requirements (WAC 173-340-360(2)(a)) and other MTCA requirements (WAC 173-340-360(2)(b)).

Threshold requirements are discussed in Section 6.4.

After meeting the threshold requirements, MTCA requires that remedial alternatives be evaluated for three other requirements:

- Consider public concerns. Public concerns should be eliminated or mitigated, if possible, by selection of technologies or methods.
- Provide for a reasonable restoration time frame. The requirements and procedures for determining whether a remedial alternative provides for a reasonable restoration time frame as discussed in WAC 173-340-360(4).
- Use permanent solutions to the maximum extent practicable. To evaluate practicability, MTCA considers cost effectiveness using a DCA as specified in WAC 173-340-360(3)(e) and discussed in Section 7.2.

7.2 Model Toxics Control Act (MTCA) Disproportionate Cost Analysis (DCA)

The DCA uses seven criteria to compare, contrast, and rank each remedial alternative:

- Overall protectiveness. An alternative's ability to achieve protectiveness is a key factor. Overall protectiveness includes the degree of overall risk reduction, the time required to reduce risk and attain cleanup standards, and the improved overall quality of the environment at a site.
- Permanence. The long-term success of an alternative can be measured by the degree to which an alternative permanently reduces the toxicity, mobility, or volume of hazardous substances on the property. Typically, permanence considers the whole life cycle of the chemical; however, removal of the COC from the proximity to the LDW and disposal in a managed landfill is considered to increase the permanence of the remedy for this project.
- Effectiveness over the long-term. An alternative's long-term effectiveness is based on the reliability of treatment technologies to meet and maintain cleanup levels, and if using engineering or institutional controls, on their reliability to manage residual risks. Long-term reliability is also influenced by uncertainties associated with potential long-term risk management.
- Management of short-term risks. Short-term risk evaluates the risk posed by the cleanup action during its implementation (including construction and operation), based on potential impacts to the community, workers, and the environment, and the effectiveness and reliability of protective or mitigative measures.

- Technical and administrative implementability. An alternative’s implementability is evaluated based on whether it is easy or difficult to implement depending on practical, technical, or legal difficulties that may be associated with construction and implementation, including schedule delays. Implementability also depends on the ability to measure the remedy’s effectiveness and its consistency with MTCA and other regulatory requirements.
- Consideration of public concerns. Potential public concerns, whether from individuals, community groups, local governments, tribes, or federal and state agencies about a proposed cleanup alternative are addressed by means of MTCA’s public involvement process during Ecology’s remedy selection process.
- Cost. Cost considerations include design, construction, and installation costs; the net present value of long-term costs; and agency oversight costs. Long-term costs include the cost of operation and maintenance, monitoring, equipment replacement, and maintaining institutional controls.

Scores of 0 to 10 are assigned to each criteria and remedial alternative. The weighted overall benefit score is calculated for each remedial alternative using weighting factors and the raw benefit score for each of the six DCA criteria (all except cost) (Exhibit 7-1). A higher weighted overall benefit score indicates a larger benefit if the associated remedial alternative was implemented, when compared to a remedial alternative with a lower weighted overall benefit score.

Exhibit 7-1: Formula for Weighted Overall Benefit Score

Formula	MTCA Criteria	Weight Factor	Raw Benefit Score
Weighted Overall Benefit Score = $\sum_{\text{Criteria}} \left(\text{weight factor} * \text{raw benefit score} \right)$	Protectiveness	20%	(0-10)
	Permanence	20%	(0-10)
	Cost	0%	(0-10)
	Long-term Effectiveness	20%	(0-10)
	Short-term Effectiveness	10%	(0-10)
	Implementability	20%	(0-10)
	Consideration of Public Concerns	10%	(0-10)

NOTE:

A Raw Benefit Score between 0 to 10 was estimated for each remedial alternative based on the projected outcomes.

The total cost over the lifetime of the remedial alternative is estimated. An alternative’s costs are considered disproportionate to benefits if the incremental costs of a more permanent alternative are greater than the incremental benefits achieved by that alternative over those of the lower cost alternatives (WAC 173-340-360(3)(e)(i)). This is evaluated using

a Benefit/Cost Ratio, where a lower Benefit/Cost Ratio may indicate that the incremental cost is disproportionately large for the incremental benefit (Exhibit 7-2).

Exhibit 7-2: Formula for Benefit/Cost Ratio

$$\text{Benefit/Cost Ratio} = \frac{\text{Weighted Overall Benefit Score}}{\text{Cost}}$$

The estimations, calculations, and rankings of remedial alternatives are summarized in the DCA (Appendix F).

7.3 Selection of Preferred Remedial Alternatives

This section discusses and compares the remedial alternatives for each group: Soil, Groundwater, and Northwest Area, and provides reasoning for the selection of the preferred alternatives. The remedy or remedies that address each area of concern is summarized in Table 9. A summary of the selected remedies is shown in Figure 20.

7.3.1 Soil

Remediation alternatives for soil address all saturated and unsaturated soil on the 8801 property that is above the cleanup levels for COCs, except for TCE and vinyl chloride since they are addressed by the groundwater remedial alternatives. We estimate that approximately 1/3 of the 8801 property (215,000 square feet) has soil above the cleanup levels for COCs, excluding TCE and vinyl chloride. Primary COCs are PCBs, cPAHs, and copper.

Table F-1B in the DCA indicates that Alternative 1b (Excavation/disposal to RELs with institutional controls) has the greatest benefit for the least cost and is the preferred remedial alternative for soil. This alternative requires soil excavation of heavily contaminated soil and capping with institutional controls to limit potential exposure and migration on the remaining portions of the property that have COCs exceeding CULs. Although Alternative 1b does not actively promote in situ remediation of residual soil contamination, some degree of remediation has already occurred (for example, TPH, cPAHs) and more may occur over time via natural attenuation, including biodegradation, volatilization, and dispersion.

Alternative 1a (Excavation/disposal to CULs) is more favorable than the preferred alternative for the criteria of overall protectiveness since all contamination exceeding CULs would be removed. However, Alternative 1a requires a much larger extent of excavation

than the preferred alternative, resulting in: about double the cost due to the large quantity of material excavated and disposed offsite; lower implementability due to the larger excavation area and working around existing infrastructure; lower consideration of public concerns since large quantities of contaminated material would be transported through the surrounding area; and lower management of short-term risks since construction workers are more likely to be exposed during a more lengthy and large excavation. In summary, Alternative 1a has a higher overall weighted benefit score than the preferred alternative; however, the incremental increase in benefit is disproportionate to the increase in cost.

Alternative 1c (Excavation/disposal to alternative RELs with institutional controls) is similar to the preferred alternative except the remediation levels for PCBs and cPAHs are more stringent for Alternative 1c. The more stringent remediation levels result in expanding the excavation in Area 4 and 5 and four additional isolated excavation areas. These additional excavations result in a decrease in management of short-term risks and implementability with no significant increase in other benefit criteria, since the percent of total contaminant mass removed increases by less than 1 percent. This results in the cost being higher, and overall weighted benefit score being lower, for Alternative 1c when compared to the preferred alternative.

Alternative 1d (Cap and institutional controls) requires that all soil that exceeds the saturated soil cleanup levels for the COCs remain in-place and be capped. The cap would be maintained over time and institutional controls would be implemented. When compared to the preferred alternative, Alternative 1d has: slightly lower cost since no excavation or disposal would occur but periodic groundwater performance monitoring would still occur; lower overall protectiveness since no contaminants are removed from the 8801 property; lower permanence since some contaminants will naturally attenuate but others will not; and lower effectiveness over the long term since contamination in soil remains on site and has the potential to leech to groundwater. In summary, Alternative 1d has a lower overall weighted benefit score and cost when compared to the preferred alternative; however, the cost of Alternative 1d is disproportionately high for the overall benefit as indicated by the lower Benefit/Cost Ratio.

7.3.2 Groundwater

Remedial alternatives for groundwater address all groundwater on the 8801 property that is above the cleanup levels for COCs and potential source material, including TCE-impacted soil and PCB-containing caulk. These remedial actions also include controls for potential effects to indoor air from the TCE groundwater plume. Primary COCs are TCE, vinyl chloride, and PCBs.

Table F-2B in the DCA indicates that Alternative 2b (Excavate TCE to REL, ERD across TCE/vinyl chloride plume, AS/SVE expansion, PCB-containing chalk removal, and institutional controls for vapor) has the greatest benefit for the least cost and is the preferred remedial alternative for groundwater.

The primary difference between the preferred alternative and Alternative 2a is the extent of excavation of TCE-impacted soil. The preferred alternatives include excavation of TCE to a REL and capping of residual soil. Excavation to a REL removes about 80 percent of the total TCE contaminant mass that significantly reduces the contribution to the TCE/vinyl chloride groundwater plume. The Alternative 2a requires excavation to the CUL, which is more stringent and results in a much larger excavation. The resulting cost is more than double that of the preferred alternative to remove the remaining 20 percent of contaminant mass, resulting in a disproportionate Benefit/Cost Ratio.

The preferred alternative requires ERD that accelerates biological degradation of TCE and vinyl chloride in groundwater by injection of a carbon source and dechlorinating bacteria. Alternative 1c implements MNA for the TCE/vinyl chloride groundwater plume resulting in lower effectiveness over the long term and permanence when compared with the preferred alternative. The preferred alternative has a slightly higher cost than Alternative 2c; however, the active remedy (preferred alternative) reduces the restoration timeline, has a higher overall protectiveness, and has a higher permanence. The DCA indicates that the cost of the preferred alternative is proportionate to the incremental benefit.

The primary difference between the preferred alternative and Alternative 2d is the remediation of groundwater downgradient of the existing AS/SVE system. The preferred alternative requires expansion of the AS/SVE system to the west (downgradient) of the existing AS/SVE system that will remove additional volatile compounds from the groundwater prior to the water reaching the LDW. Alternative 2d implements MNA for the groundwater downgradient of the existing AS/SVE system resulting in lower overall protectiveness, effectiveness over the long term, and consideration of public concerns when compared to the preferred alternative. The preferred alternative has higher costs from operating the expanded AS/SVE system but a shorter remediation time frame resulting in lower costs over the lifetime of the remedy when compared to Alternative 2d.

7.3.3 Northwest Area

Remedial alternatives for the Northwest Area address impacted groundwater and soil at the northwest corner of the 8801 property. Groundwater in the Northwest Area is impacted by TPH and vinyl chloride. The TPH impacts are largely of diesel- and gasoline-ranges, and their concentrations have historically been high enough to suggest the presence of residual free-phase hydrocarbons. Mobile, or free-phase hydrocarbons, have not, however, been

encountered. The vinyl chloride is likely a daughter product from degradation of PCE and TCE groundwater plume.

Table F-3B of the DCA indicates that Alternative 3c (ISCO with MNA) has the greatest benefit for the least costs and is the preferred alternative. In this alternative, ISCO would be used to reduce residual, non-mobile TPH and halogenated VOCs in the Northwest Area of the 8801 property to less than remediation levels. We selected PeroxyChem's Klozur® CR, which is a slurry of self-activating persulfate and calcium peroxide. Klozur® CR performs chemical oxidation of COCs and supports enhanced aerobic remediation. Estimates of cost and time to meet the proposed cleanup levels are based on approximately 17 injection points and up to six injection events followed by one year of groundwater performance monitoring to demonstrate that the RAOs are being met.

Alternative 3a (Pump and treat) requires a much longer restoration time frame since it does not directly remediate impacted soil. When compared to the preferred alternative, Alternative 3a has lower overall protectiveness and effectiveness over the long term since contaminants may remain on the 8801 property absorbed to soil particles. Alternative 3a also costs more than twice as much as the preferred alternative since periodic costs for a pump and treat system are typically high.

Alternative 3b (Permeable Reactive Barrier) is a passive method that relies on the existing groundwater gradient and flow pattern to transport contaminants in groundwater through the treatment zone. Additionally, Alternative 3b does not directly remediate impacted soil. These factors result in Alternative 3b having a much longer restoration time frame, lower overall protectiveness, and lower effectiveness over the long term when compared to the preferred alternative.

7.3.4 Synergistic Effect of Selected Alternatives

The removal of soil hotspots that contain COCs above the human health direct contact levels has the added benefit of reducing the PCE, TCE, and vinyl chloride concentration in both saturated and unsaturated soil. The post remedial property soil concentrations will be less than those required for the protection of construction workers, and in places where excavation has removed PCE, TCE, and vinyl chloride in soil the volume that can partition to groundwater and air will be reduced.

In the area where ERD and ISCO injections will occur, both saturated and unsaturated soil that contains PCE, TCE, and vinyl chloride will be subject to remediation due to the saturation by the selected substrates during injection. In addition, the existing AS/SVE system on the western side of the property and the new extension of the system will remove VOCs from unsaturated soil. The combination of the groundwater treatment technologies

contributes to saturated and unsaturated soil remediation and reduces the quantity of VOCs that can be released to the air.

7.4 Contingencies

This section discusses the decision points to determine if additional soil and/or groundwater remedial actions are required after the proposed remedy has been put in place.

Groundwater monitoring will be undertaken both to assess the performance of the remedial actions and establish whether the RAOs are being met. The RAOs are to: protect current and future worker exposure to soil contaminants; occupants of future buildings; and the surface water and sediments of the LDW; and achieve remediation of the halogenated VOC groundwater plume in a reasonable timeframe. The groundwater data will be used to establish whether additional remedial actions are required and to assess the restoration timeline.

As previously discussed, soil confirmation samples will be collected to evaluate the effectiveness of soil excavations to the remediation levels in removing most of the COC mass in soil. Three of the excavations (Excavations 3, 4, and 5) are close to the property boundary with the LDW. Groundwater for some of the COC concentrations from monitoring wells adjacent to these locations have exceeded their respective cleanup levels. Excavation work is expected to disturb the soil and groundwater equilibrium resulting in temporary impacts to groundwater. Contaminants adsorbed to the finer soil particles may temporarily increase contaminant concentrations in total groundwater samples immediately after the excavation activities. Because it may take up to a year before this disturbance effect diminishes and the soil/groundwater equilibrium is restored, contingency actions will not be evaluated until after a minimum of four groundwater monitoring events associated with the excavation activities. Therefore, the timeline for consideration of actions associated with the excavation areas will be over a greater time-period than for groundwater remedial actions. Detection of chemicals associated with the laboratory's ability to achieve lower detection limits and consequently result in a detection where previous samples were non-detect are not considered applicable to the triggers discussed below. Triggers and potential actions that will be considered for soil commencing one year after excavation work are:

- If total PCB aroclors are detected in the point of compliance wells for more than three consecutive sampling events at concentrations greater than cleanup criteria and do not show a declining trend in concentration, a discussion with Ecology regarding additional alternatives such as excavation will be undertaken.

Within the halogenated VOC groundwater plume, the reagents injected have a designed lifespan of approximately two to four years and will impact groundwater both near and

downgradient of the injection point. Triggers to consider for additional action or consideration of other alternatives in the halogenated VOC plume are:

- If the maximum concentration of TCE has not declined by up to 80% to 90% within three years and the geochemistry demonstrates that dechlorination is still occurring, re-injection of the ERD compounds or other stimulate compounds will be considered.
- If vinyl chloride increases are greater than those predicted from the mass conversion of the remaining TCE or the concentrations stall, alternative injection substrates may be considered. These could include, but are not limited to, permanganate, peroxide, or persulfate (all compounds considered or selected for the vinyl chloride treatment in the north west corner).

Since a large building is proposed to be constructed over much of the 8801 property, including part of the halogenated VOC plume in the next few years, some alternative injection points may need to be established to address on-going remedial actions. Once the building has been constructed, if remedial action is still necessary, injection points will be placed alongside the exterior of the structure and wells downgradient of the building will be monitored.

On the western edge of the plume, vinyl chloride is being addressed with the existing AS/SVE system and the proposed extension of the AS/SVE system. The proposed AS/SVE extension is designed to perform downgradient groundwater polishing for the existing system and will further decrease the halogenated VOC concentrations, if any remains. If the cleanup levels are achieved between the existing system and the extension, the AS/SVE extension will be deactivated and will act as a contingency for the main system. The northern and southern AS/SVE system wellfield legs of the existing AS/SVE system can also be independently shutdown if cleanup levels are achieved upgradient of these legs.

Cleanup of vinyl chloride and lighter petroleum hydrocarbons in the northwest corner will be undertaken. Triggers to consider for additional action or consideration of other alternatives in the northwest area are:

- If vinyl chloride concentrations exceed the cleanup levels at MW-7A (upgradient) and MW-44A (within the injection area) after three injection periods (if three injections are undertaken as they may not all be required), consideration of other options, such as alternative injection compounds, will be discussed with Ecology.
- If hydrocarbon concentrations exceed the cleanup levels at MW-44A after three injection periods (if three injections are undertaken as they may not all be required), consideration of other options, such as alternative injection compounds, will be discussed with Ecology.

7.5 Institutional Controls

After remedial alternatives have been implemented, institutional controls will be required as follows:

- Ensure that 8801 property groundwater is not used for drinking water; and
- Maintain surface cover throughout the property to minimize stormwater infiltration.

7.6 Performance and Compliance Monitoring

Performance monitoring will be undertaken during and after the remedial actions to assess the effectiveness of the activities. Compliance monitoring will be undertaken to ensure that the ROAs are being met. Figure 21 shows the location of the performance and compliance monitoring wells. Imported soil to be used as excavation backfill will be tested to ensure it does not exceed the cleanup levels for the 8801 property.

8 LIMITATIONS

This report was prepared exclusively for PACCAR Inc by Shannon & Wilson, Inc. The quality of information, conclusions, and estimates contained herein are consistent with the level of effort involved in our services and based on (a) information available at the time of preparation; (b) data supplied by outside sources; and (c) the assumptions, conditions, and qualifications set forth in this report and our proposal. This report is intended to be used for the 8801 property only, subject to the terms and conditions of the contract. Any other use of, or reliance on, this report by any third party is at the sole risk of that party.

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Table 1 - LDW Preliminary Soil Cleanup Levels and Sources

Chemical (all concentrations are in mg/kg)	Most Stringent Soil PCUL Most Stringent PCUL Based on		Direct Contact	Surface Water	Sediment	Bank Erosion	Natural Background	Direct Contact MTCA Method B	Protect Surface Water via Groundwater Vadose Zone	Protect Sediment via Groundwater Vadoze Zone	Protect Surface Water Via Groundwater Saturated Zone	Protect Sediment via Groundwater Saturated Zone	Protect Sediment via Bank Erosion	Natural Background Ecology (1994)	Representative PQL Ecology LDW PCUL Workbook (2017)
	Nonpotable Groundwater	Nonpotable Groundwater							MTCA Eq. 747-1	Zone MTCA Eq. 747-1	MTCA Eq. 747-1	MTCA Eq. 747-1	Minimum ROD CUL + SMS Lower Tier Sed		
PCBs															
Total PCB Aroclors	2.2E-06			X				1.0E+00	4.3E-05	1.3E-01	2.2E-06	6.7E-03	1.3E-01	na	1.1E-02
Total PCB congeners	2.2E-06			X				1.0E+00	4.3E-05	2.1E-03	2.2E-06	1.1E-04	2.0E-03	na	na
Total PCB TEQ	1.4E-09			X				7.7E-06	2.7E-08	7.4E-07	1.4E-09	3.7E-08	7.0E-07	na	1.4E-06
Dioxins/Furans															
2,3,7,8-TCDD	1.3E-05		X					1.3E-05	na	TBD	na	TBD	PQL	5.2E-06	5.0E-07
Total dioxin/furan TEQ	5.2E-06						X	1.3E-05	na	na	na	na	2.0E-06	5.2E-06	5.3E-06
Total chlorinated dioxins	na							na	na	na	na	na	na	na	na
Total chlorinated furans	na							na	na	na	na	na	na	na	na
Metals															
Aluminum	3.3E+04						X	8.0E+04	na	na	na	na	2.2E+05	3.3E+04	2.0E+00
Antimony	4.1E+00			X				3.2E+01	8.1E+01	na	4.1E+00	na	8.8E+01	na	4.0E+00
Arsenic	7.3E+00						X	6.7E-01	8.2E-02	1.3E+02	4.1E-03	6.5E+00	7.0E+00	7.3E+00	4.0E+00
Barium	8.3E+00			X				1.6E+04	1.6E+02	6.9E+05	8.3E+00	3.4E+04	4.4E+04	na	3.0E-01
Beryllium	3.5E+00				X			1.6E+02	1.2E+03	6.9E+01	6.0E+01	3.5E+00	4.4E+02	6.1E-01	1.0E-01
Cadmium	7.7E-01						X	8.0E+01	1.1E+00	1.6E-01	5.5E-02	8.3E-03	5.1E+00	7.7E-01	2.0E-01
Chromium, total or trivalent	4.8E+01						X	1.2E+05	9.9E+05	2.2E+03	4.9E+04	1.1E+02	2.6E+02	4.8E+01	5.0E-01
Chromium, hexavalent	9.6E-01			X				2.4E+02	1.9E+01	1.7E+04	9.6E-01	8.7E+02	6.6E+02	na	5.0E-02
Cobalt	2.4E+01		X					2.4E+01	na	na	na	na	6.6E+01	na	3.0E-01
Copper	3.6E+01						X	3.2E+03	1.4E+00	6.1E+00	6.9E-02	3.0E-01	3.9E+02	3.6E+01	2.0E-01
Iron	5.6E+04		X					5.6E+04	na	na	na	na	1.5E+05	3.6E+04	4.0E+00
Lead	2.5E+02		X					2.5E+02	1.6E+03	3.9E+03	8.1E+01	1.9E+02	4.5E+02	2.4E+01	2.0E+00
Manganese	1.1E+03						X	1.1E+04	1.3E+02	na	6.5E+00	na	3.1E+04	1.1E+03	1.0E-01
Mercury, inorganic	7.0E-02						X	2.4E+01	2.6E-02	2.1E+00	1.3E-03	1.1E-01	4.1E-01	7.0E-02	2.0E-02
Methylmercury	8.0E+00		X					8.0E+00	na	na	na	na	2.2E+01	na	na
Molybdenum	4.0E+02		X					4.0E+02	na	na	na	na	1.1E+03	na	5.0E-01
Nickel	4.8E+01						X	1.6E+03	1.1E+01	3.0E+03	5.4E-01	1.5E+02	4.4E+03	4.8E+01	8.0E-01
Selenium	3.8E-01			X				4.0E+02	7.4E+00	4.1E+04	3.8E-01	2.1E+03	1.1E+03	na	4.0E+00
Silver	1.6E-02			X				4.0E+02	3.2E-01	9.4E+00	1.6E-02	4.7E-01	6.1E+00	na	3.0E-01
Thallium	4.4E-03			X				8.0E-01	8.8E-02	3.2E+01	4.4E-03	1.6E+00	2.2E+00	na	2.0E+00
Tin	4.8E+04		X					4.8E+04	na	na	na	na	1.3E+05	na	1.0E+00
Vanadium	4.0E+02		X					4.0E+02	na	na	na	na	1.1E+03	na	3.0E-01
Zinc	8.5E+01						X	2.4E+04	1.0E+02	9.6E+02	5.0E+00	4.8E+01	4.1E+02	8.5E+01	1.0E+00
Metals - Butyltins															
Monobutyltin	na							na	na	na	na	na	na	na	1.0E-03
Dibutyltin	na							na	na	na	na	na	na	na	1.0E-03
Tributyltin	2.1E-03						X	2.4E+01	na	na	na	na	2.1E-03	na	1.0E-03
Tetrabutyltin	na							na	na	na	na	na	na	na	1.0E-03

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Chemical (all concentrations are in mg/kg)	Most Stringent Soil PCUL Most Stringent PCUL Based on							Protect Surface Water via Groundwater Vadose Zone MTCA Eq. 747-1	Protect Sediment via Groundwater Vadoze Zone MTCA Eq. 747-1	Protect Surface Water Via Groundwater Saturated Zone MTCA Eq. 747-1	Protect Sediment via Groundwater Saturated Zone MTCA Eq. 747-1	Protect Sediment via Bank Erosion Minimum ROD CUL + SMS Lower Tier Sed	Natural Background Ecology (1994)	Representative PQL Ecology LDW PCUL Workbook (2017)
	Nonpotable Groundwater	Direct Contact	Surface Water	Sediment	Bank Erosion	Natural Background	Direct Contact MTCA Method B							
SVOCs - PAHs														
Acenaphthene	2.8E-02			X			4.8E+03	3.1E+00	5.4E-01	1.6E-01	2.8E-02	5.0E-01	na	1.7E-03
Acenaphthylene	1.3E+00				X		na	na	na	na	na	1.3E+00	na	1.7E-03
Anthracene	5.1E-02			X			2.4E+04	4.7E+01	1.0E+00	2.4E+00	5.1E-02	9.6E-01	na	1.7E-03
Benzo(a)anthracene	5.7E-05		X				na	1.1E-03	1.4E+00	5.7E-05	6.8E-02	1.3E+00	na	1.7E-03
Benzo(b)fluoranthene	2.0E-04		X				na	3.9E-03	na	2.0E-04	na	na	na	1.7E-03
Benzo(k)fluoranthene	2.0E-03		X				na	3.9E-02	na	2.0E-03	na	na	na	1.7E-03
Total benzofluoranthenes	3.2E+00				X		na	na	na	na	na	3.2E+00	na	1.0E-02
Benzo(g,h,i)perylene	6.7E-01				X		na	na	na	na	na	6.7E-01	na	1.7E-03
Benzo(a)pyrene	1.6E-05		X				1.9E-01	3.1E-04	1.7E+00	1.6E-05	8.4E-02	1.6E+00	na	1.7E-03
Chrysene	6.4E-03		X				na	1.3E-01	1.5E+00	6.4E-03	7.4E-02	1.4E+00	na	1.7E-03
Dibenz(a,h)anthracene	2.9E-05		X				na	5.7E-04	2.4E-01	2.9E-05	1.2E-02	2.3E-01	na	1.7E-03
Dibenzofuran	5.4E-01				X		8.0E+01	na	na	na	na	5.4E-01	na	1.7E-03
Fluoranthene	9.0E-02			X			3.2E+03	5.9E+00	1.8E+00	3.0E-01	9.0E-02	1.7E+00	na	1.7E-03
Fluorene	2.9E-02			X			3.2E+03	1.6E+00	5.8E-01	8.0E-02	2.9E-02	5.4E-01	na	1.7E-03
Indeno(1,2,3-cd)pyrene	5.6E-04		X				na	1.1E-02	6.3E-01	5.6E-04	3.2E-02	6.0E-01	na	1.7E-03
Methyl isopropyl phenanthrene	na						na	na	na	na	na	na	na	2.0E-02
1-Methylnaphthalene	2.9E+01				X		3.4E+01	na	na	na	na	2.9E+01	na	1.7E-03
2-Methylnaphthalene	6.7E-01				X		3.2E+02	na	na	na	na	6.7E-01	na	1.7E-03
Naphthalene	2.1E-03		X				1.6E+03	3.9E-02	2.5E+00	2.1E-03	1.3E-01	2.1E+00	na	1.7E-03
Phenanthrene	1.5E+00				X		na	na	na	na	na	1.5E+00	na	1.7E-03
Pyrene	1.4E-01			X			2.4E+03	1.1E+01	2.7E+00	5.5E-01	1.4E-01	2.6E+00	na	1.7E-03
Total cPAH TEQ	1.6E-05		X				1.9E-01	3.1E-04	9.5E-02	1.6E-05	4.7E-03	9.0E-02	na	na
Other SVOCs														
Aniline	1.5E+02				X		1.8E+02	na	na	na	na	1.5E+02	na	6.7E-02
Azobenzene	7.8E+00				X		9.1E+00	na	na	na	na	7.8E+00	na	6.7E-02
Benzidine	3.7E-03				X		4.3E-03	na	na	na	na	3.7E-03	na	6.7E-01
Benzoic acid	1.7E-01			X			3.2E+05	na	2.4E+00	na	1.7E-01	6.5E-01	na	5.0E-01
Benzyl alcohol	5.7E-02				X		8.0E+03	na	na	na	na	5.7E-02	na	3.3E-01
Bis(2-chloroethoxy)methane	na						na	na	na	na	na	na	na	3.3E-02
Bis(2-chloroethyl)ether	2.2E-05		X				9.1E-01	3.3E-04	2.1E+00	2.2E-05	1.4E-01	7.8E-01	na	3.3E-02
Bis(2-chloro-1-methylethyl)ether	3.2E+03		X				3.2E+03	na	na	na	na	6.8E+03	na	3.3E-02
2,6-Bis(1,1-dimethylethyl) phenol	na						na	na	na	na	na	na	na	na
Bis(2-ethylhexyl) phthalate	5.1E-03		X				7.1E+01	1.0E-01	1.4E+00	5.1E-03	6.9E-02	1.3E+00	na	6.7E-02
4-Bromophenyl phenyl ether	na						na	na	na	na	na	na	na	3.3E-02
Butyl benzyl phthalate	1.8E-04		X				5.3E+02	3.6E-03	6.7E-02	1.8E-04	3.4E-03	6.3E-02	na	6.7E-02
Butyl diphenyl phosphate	na						na	na	na	na	na	na	na	6.7E-02
Carbazole	na						na	na	na	na	na	na	na	3.3E-02

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	Nonpotable Groundwater	Groundwater							Groundwater Vadose Zone MTCA Eq. 747-1		Water Via Groundwater Saturated Zone MTCA Eq. 747-1	via Groundwater Saturated Zone MTCA Eq. 747-1	via Bank Erosion Minimum ROD CUL + SMS Lower Tier Sed		
4-Chloroaniline	8.1E-01				X			5.0E+00	na	1.2E+01	na	8.1E-01	4.3E+00	na	6.7E-02
4-Chloro-3-methylphenol	na							na	na	na	na	na	na	na	3.3E-02
2-Chloronaphthalene	6.4E+03		X					6.4E+03	na	na	na	na	1.4E+04	na	2.0E-02
2-Chlorophenol	1.1E-02			X				4.0E+02	2.0E-01	3.5E+01	1.1E-02	2.0E+00	8.4E+02	na	3.3E-02
4-Chlorophenyl phenyl ether	na							na	na	na	na	na	na	na	3.3E-02
Dibutyl phthalate	1.5E-02			X				8.0E+03	2.8E-01	1.6E+00	1.5E-02	8.5E-02	1.4E+00	na	6.7E-02
Dibutyl phenyl phosphate	na							na	na	na	na	na	na	na	6.7E-02
1,2-Dichlorobenzene	3.1E-03				X			7.2E+03	9.3E+00	5.4E-02	5.3E-01	3.1E-03	3.6E-02	na	3.3E-02
1,3-Dichlorobenzene	na							na	na	na	na	na	na	na	3.3E-02
1,4-Dichlorobenzene	8.1E-03				X			1.9E+02	9.8E-01	1.5E-01	5.4E-02	8.1E-03	1.1E-01	na	3.3E-02
3,3'-Dichlorobenzidine	3.3E-06			X				2.2E+00	6.1E-05	2.4E+00	3.3E-06	1.3E-01	1.9E+00	na	2.0E-01
2,4-Dichlorophenol	4.3E-03			X				2.4E+02	6.9E-02	4.8E+01	4.3E-03	3.0E+00	5.1E+02	na	3.3E-02
Diethyl phthalate	3.4E-02				X			6.4E+04	1.1E+00	5.2E-01	7.4E-02	3.4E-02	2.0E-01	na	6.7E-02
Dimethyl phthalate	7.1E-02					X		na	na	na	na	na	7.1E-02	na	6.7E-02
2,4-Dimethylphenol	3.1E-03				X			1.6E+03	7.9E-01	5.2E-02	4.8E-02	3.1E-03	2.9E-02	na	3.3E-02
4,6-Dinitro-2-methylphenol	na							na	na	na	na	na	na	na	5.0E-01
2,4-Dinitrophenol	2.9E-02			X				1.6E+02	4.0E-01	2.2E+03	2.9E-02	1.6E+02	3.4E+02	na	6.7E-01
2,4-Dinitrotoluene	6.9E-05			X				3.2E+00	1.1E-03	6.7E+00	6.9E-05	4.4E-01	2.8E+00	na	1.0E-01
2,6-Dinitrotoluene	1.1E-01				X			6.7E-01	na	1.6E+00	na	1.1E-01	5.7E-01	na	3.3E-02
Di-n-octyl phthalate	3.3E-01				X			8.0E+02	na	6.5E+00	na	3.3E-01	6.2E+00	na	6.7E-02
1,4-Dioxane	8.5E+00					X		1.0E+01	na	na	na	na	8.5E+00	na	5.0E-03
1,2-Diphenylhydrazine	1.1E+00					X		1.3E+00	na	na	na	na	1.1E+00	na	6.7E-02
Hexachlorobenzene	4.0E-07			X				6.3E-01	8.0E-06	2.3E-02	4.0E-07	1.2E-03	2.2E-02	na	1.7E-02
Hexachlorobutadiene	5.4E-04			X				1.3E+01	1.1E-02	1.2E-02	5.4E-04	5.8E-04	1.1E-02	na	3.3E-02
Hexachlorocyclopentadiene	2.0E-01			X				4.8E+02	4.0E+00	1.1E+03	2.0E-01	5.3E+01	1.0E+03	na	1.0E-01
Hexachloroethane	4.1E-05			X				2.5E+01	7.9E-04	2.5E+01	4.1E-05	1.3E+00	2.1E+01	na	6.7E-02
Isophorone	3.7E-02			X				1.1E+03	5.4E-01	3.0E+03	3.7E-02	2.0E+02	9.0E+02	na	3.3E-02
2-Methoxynaphthalene	na							na	na	na	na	na	na	na	na
2-Methylphenol	1.0E-02				X			4.0E+03	na	1.6E-01	na	1.0E-02	6.3E-02	na	3.3E-02
4-Methylphenol	6.7E-01					X		8.0E+03	na	na	na	na	6.7E-01	na	6.7E-02
2-Nitroaniline	8.0E+02		X					8.0E+02	na	na	na	na	1.7E+03	na	3.3E-02
3-Nitroaniline	na							na	na	na	na	na	na	na	1.0E-01
4-Nitroaniline	na							na	na	na	na	na	na	na	1.0E-01
Nitrobenzene	4.1E-02			X				1.6E+02	6.4E-01	7.5E+02	4.1E-02	4.8E+01	3.4E+02	na	3.3E-02
2-Nitrophenol	na							na	na	na	na	na	na	na	3.3E-02
4-Nitrophenol	na							na	na	na	na	na	na	na	3.3E-01
n-Nitrosodimethylamine	1.7E-02					X		2.0E-02	na	na	na	na	1.7E-02	na	1.7E-01
n-Nitrosodiphenylamine	1.1E-03			X				2.0E+02	2.1E-02	3.3E-02	1.1E-03	1.8E-03	2.8E-02	na	3.3E-02

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	Nonpotable Groundwater	Nonpotable Groundwater							MTCA Eq. 747-1	Zone MTCA Eq. 747-1	MTCA Eq. 747-1	MTCA Eq. 747-1	Minimum ROD CUL + SMS Lower Tier Sed		
n-Nitrosodi-n-propylamine	1.8E-05			X				1.4E-01	2.6E-04	5.2E-01	1.8E-05	3.6E-02	1.2E-01	na	3.3E-02
Pentachlorophenol	1.8E-06			X				2.5E+00	3.2E-05	1.4E-02	1.8E-06	7.7E-04	3.6E-01	na	1.7E-01
Phenol	1.2E-01				X			2.4E+04	3.2E+02	1.7E+00	2.2E+01	1.2E-01	4.2E-01	na	3.3E-02
Pyridine	8.0E+01		X					8.0E+01	na	na	na	na	1.7E+02	na	1.7E-01
1,2,4-Trichlorobenzene	7.2E-05			X				3.4E+01	1.4E-03	3.6E-02	7.2E-05	1.9E-03	3.1E-02	na	3.3E-02
2,4,5-Trichlorophenol	1.1E+00			X				8.0E+03	2.2E+01	2.0E+03	1.1E+00	1.1E+02	1.7E+04	na	3.3E-02
2,4,6-Trichlorophenol	1.9E-04			X				8.0E+01	3.3E-03	6.9E+00	1.9E-04	3.9E-01	7.8E+01	na	3.3E-02
Volatile Organic Compounds															
Acetone	7.2E+04		X					7.2E+04	na	na	na	na	na	na	5.0E-03
Acrolein	4.0E+01		X					4.0E+01	na	na	na	na	na	na	3.0E-02
Acrylonitrile	1.9E+00		X					1.9E+00	na	na	na	na	na	na	5.0E-03
Benzaldehyde	8.0E+03		X					8.0E+03	na	na	na	na	na	na	na
Benzene	5.6E-04			X				1.8E+01	8.8E-03	na	5.6E-04	na	na	na	1.0E-03
Bromobenzene	6.4E+02		X					6.4E+02	na	na	na	na	na	na	1.0E-03
Bromochloromethane	na							na	na	na	na	na	na	na	1.0E-03
Bromoethane	na							na	na	na	na	na	na	na	2.0E-03
Bromoform	5.0E-03			X				1.3E+02	7.8E-02	na	5.0E-03	na	na	na	1.0E-03
Bromomethane	7.9E-02			X				1.1E+02	1.2E+00	na	7.9E-02	na	na	na	1.0E-03
2-Butoxyethanol	8.0E+03		X					8.0E+03	na	na	na	na	na	na	5.0E+00
n-Butylbenzene	4.0E+03		X					4.0E+03	na	na	na	na	na	na	1.0E-03
sec-Butylbenzene	8.0E+03		X					8.0E+03	na	na	na	na	na	na	1.0E-03
tert-Butylbenzene	8.0E+03		X					8.0E+03	na	na	na	na	na	na	1.0E-03
Carbon disulfide	8.0E+03		X					8.0E+03	na	na	na	na	na	na	1.0E-03
Carbon tetrachloride	1.5E-04			X				1.4E+01	2.9E-03	na	1.5E-04	na	na	na	1.0E-03
Chlorobenzene	1.0E-01			X				1.6E+03	1.7E+00	na	1.0E-01	na	na	na	1.0E-03
Chloroethane	na							na	na	na	na	na	na	na	1.0E-03
2-Chloroethyl vinyl ether	na							na	na	na	na	na	na	na	5.0E-03
Chloroform	5.2E-02			X				3.2E+01	8.1E-01	na	5.2E-02	na	na	na	1.0E-03
Chloromethane	na							na	na	na	na	na	na	na	1.0E-03
3-Chloro-1-propene	4.8E+01		X					4.8E+01	na	na	na	na	na	na	2.0E-03
2-Chlorotoluene	1.6E+03		X					1.6E+03	na	na	na	na	na	na	1.0E-03
4-Chlorotoluene	na							na	na	na	na	na	na	na	1.0E-03
Dibromochloromethane	7.7E-04			X				1.2E+01	1.2E-02	na	7.7E-04	na	na	na	1.0E-03
1,2-Dibromo-3-chloropropane	1.3E+00		X					1.3E+00	na	na	na	na	na	na	5.0E-03
Dibromomethane	8.0E+02		X					8.0E+02	na	na	na	na	na	na	1.0E-03
Dichlorobromomethane	9.6E-04			X				1.6E+01	1.4E-02	na	9.6E-04	na	na	na	1.0E-03
trans-1,4-Dichloro-2-butene	na							na	na	na	na	na	na	na	5.0E-03
Dichlorodifluoromethane	1.6E+04		X					1.6E+04	na	na	na	na	na	na	1.0E-03

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Chemical (all concentrations are in mg/kg)	Most Stringent Soil PCUL Most Stringent PCUL Based on						Direct Contact MTCA Method B	Protect Surface Water via Groundwater Vadose Zone MTCA Eq. 747-1	Protect Sediment via Groundwater Vadoze Zone MTCA Eq. 747-1	Protect Surface Water Via Groundwater Saturated Zone MTCA Eq. 747-1	Protect Sediment via Groundwater Saturated Zone MTCA Eq. 747-1	Protect Sediment via Bank Erosion Minimum ROD CUL + SMS Lower Tier Sed	Natural Background Ecology (1994)	Representative PQL Ecology LDW PCUL Workbook (2017)
	Nonpotable Groundwater	Direct Contact	Surface Water	Sediment	Bank Erosion	Natural Background								
1,1-Dichloroethane	1.8E+02	X					1.8E+02	na	na	na	na	na	na	1.0E-03
1,2-Dichloroethane	2.4E-02		X				1.1E+01	3.5E-01	na	2.4E-02	na	na	na	1.0E-03
1,1-Dichloroethylene	1.4E+00		X				4.0E+03	2.5E+01	na	1.4E+00	na	na	na	1.0E-03
cis-1,2-Dichloroethylene	1.6E+02	X					1.6E+02	na	na	na	na	na	na	1.0E-03
trans-1,2-Dichloroethylene	3.2E-01		X				1.6E+03	5.2E+00	na	3.2E-01	na	na	na	1.0E-03
1,2-Dichloroethylene	7.2E+02	X					7.2E+02	na	na	na	na	na	na	na
1,2-Dichloropropane	1.0E-03		X				2.7E+01	1.6E-02	na	1.0E-03	na	na	na	1.0E-03
1,3-Dichloropropane	na						na	na	na	na	na	na	na	1.0E-03
2,2-Dichloropropane	na						na	na	na	na	na	na	na	1.0E-03
1,1-Dichloropropene	na						na	na	na	na	na	na	na	1.0E-03
cis-1,3-Dichloropropene	6.3E-04		X				1.0E+01	1.0E-02	na	6.3E-04	na	na	na	1.0E-03
trans-1,3-Dichloropropene	6.3E-04		X				1.0E+01	1.0E-02	na	6.3E-04	na	na	na	1.0E-03
Ethane	na						na	na	na	na	na	na	na	na
Ethylbenzene	1.5E-02		X				8.0E+03	2.6E-01	na	1.5E-02	na	na	na	1.0E-03
Ethylene	na						na	na	na	na	na	na	na	na
Ethyl ether	1.6E+04	X					1.6E+04	na	na	na	na	na	na	5.0E-03
Ethylene dibromide	5.0E-01	X					5.0E-01	na	na	na	na	na	na	1.0E-03
Formaldehyde	1.6E+04	X					1.6E+04	na	na	na	na	na	na	na
2-Hexanone	4.0E+02	X					4.0E+02	na	na	na	na	na	na	5.0E-03
Isopropylbenzene	8.0E+03	X					8.0E+03	na	na	na	na	na	na	1.0E-03
4-Isopropyltoluene	na						na	na	na	na	na	na	na	1.0E-03
Methane	na						na	na	na	na	na	na	na	na
Methyl ethyl ketone	4.8E+04	X					4.8E+04	na	na	na	na	na	na	5.0E-03
Methyl iodide	na						na	na	na	na	na	na	na	1.0E-03
Methyl isobutyl ketone	6.4E+03	X					6.4E+03	na	na	na	na	na	na	5.0E-03
Methyl tert-butyl ether	5.6E+02	X					5.6E+02	na	na	na	na	na	na	1.0E-03
Methylene chloride	3.0E-02		X				4.8E+02	4.3E-01	na	3.0E-02	na	na	na	2.0E-03
2-Pentanone	na						na	na	na	na	na	na	na	5.0E-03
n-Propylbenzene	8.0E+03	X					8.0E+03	na	na	na	na	na	na	1.0E-03
Styrene	1.6E+04	X					1.6E+04	na	na	na	na	na	na	1.0E-03
1,1,1,2-Tetrachloroethane	3.8E+01	X					3.8E+01	na	na	na	na	na	na	1.0E-03
1,1,2,2-Tetrachloroethane	1.1E-04		X				5.0E+00	1.7E-03	na	1.1E-04	na	na	na	1.0E-03
Tetrachloroethylene	1.6E-03		X				4.8E+02	2.9E-02	na	1.6E-03	na	na	na	1.0E-03
Toluene	5.5E-02		X				6.4E+03	9.2E-01	na	5.5E-02	na	na	na	1.0E-03
1,2,3-Trichlorobenzene	na						na	na	na	na	na	na	na	3.0E-03
1,1,1-Trichloroethane	2.1E+01		X				1.6E+05	3.7E+02	na	2.1E+01	na	na	na	1.0E-03
1,1,2-Trichloroethane	3.3E-04		X				1.8E+01	5.0E-03	na	3.3E-04	na	na	na	1.0E-03
Trichloroethylene	2.7E-04		X				1.2E+01	4.4E-03	na	2.7E-04	na	na	na	1.0E-03
Trichlorofluoroethane	na						na	na	na	na	na	na	na	na

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	Nonpotable Groundwater	Direct Contact	Surface Water	Sediment	Bank Erosion	Natural Background								
Trichlorofluoromethane	2.4E+04	X					2.4E+04	na	na	na	na	na	na	1.0E-03
1,2,3-Trichloropropane	3.3E-02	X					3.3E-02	na	na	na	na	na	na	2.0E-03
Trichlorotrifluoroethane	2.4E+06	X					2.4E+06	na	na	na	na	na	na	2.0E-03
1,2,3-Trimethylbenzene	8.0E+02	X					8.0E+02	na	na	na	na	na	na	2.0E-03
1,2,4-Trimethylbenzene	8.0E+02	X					8.0E+02	na	na	na	na	na	na	1.0E-03
1,3,5-Trimethylbenzene	8.0E+02	X					8.0E+02	na	na	na	na	na	na	1.0E-03
Vinyl acetate	8.0E+04	X					8.0E+04	na	na	na	na	na	na	5.0E-03
Vinyl chloride	5.5E-05		X				6.7E-01	1.0E-03	na	5.5E-05	na	na	na	1.0E-03
m-Xylene	1.6E+04	X					1.6E+04	na	na	na	na	na	na	na
m,p-Xylene	1.6E+04	X					1.6E+04	na	na	na	na	na	na	1.0E-03
o-Xylene	1.6E+04	X					1.6E+04	na	na	na	na	na	na	1.0E-03
Total xylenes	1.6E+04	X					1.6E+04	na	na	na	na	na	na	2.0E-03
Petroleum Hydrocarbons														
Gasoline range hydrocarbons	1.0E+02	X					1.0E+02	na	na	na	na	na	na	4.0E+00
Diesel range hydrocarbons	2.0E+03	X					2.0E+03	na	na	na	na	na	na	5.0E+00
Oil range hydrocarbons	2.0E+03	X					2.0E+03	na	na	na	na	na	na	1.0E+01
Pesticides														
Aldrin	2.0E-09		X				5.9E-02	4.0E-08	1.1E-04	2.0E-09	5.3E-06	1.0E-04	na	8.3E-04
alpha-BHC	9.8E-08		X				1.6E-01	1.9E-06	1.6E-01	9.8E-08	8.1E-03	1.4E-01	na	8.3E-04
beta-BHC	3.4E-06		X				5.6E-01	6.6E-05	5.4E-01	3.4E-06	2.8E-02	4.7E-01	na	1.0E-03
delta-BHC	na						na	na	na	na	na	na	na	9.0E-04
gamma-BHC	2.1E-04		X				9.1E-01	3.9E-03	9.2E-01	2.1E-04	4.8E-02	7.8E-01	na	8.3E-04
cis-Chlordane	5.3E-06			X			2.9E+00	3.7E-04	TBD	1.9E-05	5.3E-06	PQL	na	1.0E-02
trans-Chlordane	5.3E-06			X			2.9E+00	3.7E-04	TBD	1.9E-05	5.3E-06	PQL	na	1.0E-02
Chlordane	1.1E-06		X				2.9E+00	2.3E-05	TBD	1.1E-06	TBD	PQL	na	1.0E-02
Chlorpyrifos	8.0E+01	X					8.0E+01	na	na	na	na	1.7E+02	na	5.0E-03
4,4'-DDD	3.6E-07		X				2.4E+00	7.3E-06	3.8E+00	3.6E-07	1.9E-01	3.6E+00	na	1.7E-03
4,4'-DDE	7.6E-08		X				2.9E+00	1.5E-06	2.6E+00	7.6E-08	1.3E-01	2.5E+00	na	1.7E-03
4,4'-DDT	8.1E-07		X				2.9E+00	1.6E-05	1.1E-04	8.1E-07	5.3E-06	1.0E-04	na	1.7E-03
Total DDD	4.6E-05		X				4.2E+00	9.2E-04	3.8E+00	4.6E-05	1.9E-01	3.6E+00	na	1.7E-03
Total DDE	8.7E-05		X				2.9E+00	1.7E-03	2.6E+00	8.7E-05	1.3E-01	2.5E+00	na	1.7E-03
Total DDT	6.8E-04		X				2.9E+00	1.4E-02	TBD	6.8E-04	TBD	PQL	na	1.7E-03
Diazinon	5.6E+01	X					5.6E+01	na	na	na	na	1.2E+02	na	1.0E-02
Dieldrin	3.1E-08		X				6.3E-02	6.2E-07	1.1E-04	3.1E-08	5.3E-06	1.0E-04	na	1.7E-03
Endosulfan I	2.0E-05		X				4.8E+02	3.9E-04	1.2E+03	2.0E-05	6.0E+01	1.0E+03	na	8.3E-04
Endosulfan II	2.0E-05		X				4.8E+02	3.9E-04	1.2E+03	2.0E-05	6.0E+01	1.0E+03	na	1.7E-03
Endosulfan sulfate	na						na	na	na	na	na	na	na	1.7E-03
Endrin	2.2E-05		X				2.4E+01	4.4E-04	5.4E+01	2.2E-05	2.7E+00	5.1E+01	na	1.7E-03
Endrin aldehyde	na						na	na	na	na	na	na	na	1.7E-03

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	Nonpotable Groundwater	Direct Contact	Surface Water	Sediment	Bank Erosion	Natural Background	Direct Contact MTCA Method B							
Endrin ketone	na						na	na	na	na	na	na	1.8E-03	
Heptachlor	3.3E-09		X				2.2E-01	6.6E-08	1.1E-04	3.3E-09	5.4E-06	1.0E-04	na	8.3E-04
Heptachlor epoxide	2.0E-07		X				1.1E-01	4.0E-06	TBD	2.0E-07	TBD	PQL	na	8.3E-04
Malathion	1.6E+03	X					1.6E+03	na	na	na	na	3.4E+03	na	1.3E-02
Methoxychlor	1.6E-03		X				4.0E+02	3.2E-02	8.9E+02	1.6E-03	4.5E+01	8.4E+02	na	5.0E-03
Mirex	4.7E-02				X		5.6E-02	na	na	na	na	4.7E-02	na	1.0E-03
Nonachlor	na						na	na	na	na	na	na	na	1.0E-03
Toxaphene	3.1E-06		X				9.1E-01	6.1E-05	8.2E-01	3.1E-06	4.1E-02	7.8E-01	na	3.3E-02

NOTES:

Preliminary screening level is taken from the Washington State Department of Ecology, 2018 workbook for the Lower Duwamish Waterway.

cPAHs = carcinogenic polycyclic aromatic hydrocarbons; CUL = Cleanup Level; Ecology = Washington State Department of Ecology; LDW = Lower Duwamish Waterway; mg/kg = milligrams per kilogram; MTCA = Models Toxics Control Act; na = not applicable; PAHs = polycyclic aromatic hydrocarbons; PCBs = polychlorinated biphenyls; PCUL = Preliminary Cleanup Levels; PQL = practical quantitation limit; ROD = record of decision; SMS = Sediment Management Standards; SVOCs = semi-volatile organic compounds; TBD = to be determined; TCDD = tetrachlorodibenzodioxin; TEQ = toxicity equivalency quotient

Table 2 - LDW Preliminary Groundwater Cleanup Levels and Sources

Chemical (All concentrations are in µg/L)	Most Stringent PCUL Nonpotable Water	Surface Water	Sediment	Indoor Air	Natural Background	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater Screening Level Protect Indoor Air MTCA Method B	Natural Background	Representative PQL Ecology LDW PCUL Workbook (2017)
PCBs										
Total PCB Aroclors	7.0E-06	X				7.0E-06	2.2E-02	na	na	5.0E-01
Total PCB congeners	7.0E-06	X				7.0E-06	3.4E-04	na	na	2.0E-03
Total PCB TEQ	4.4E-09	X				4.4E-09	1.2E-07	na	na	6.5E-07
Dioxins/Furans										
2,3,7,8-TCDD	5.1E-09	X				5.1E-09	TBD	na	na	5.0E-06
Total dioxin/furan TEQ	5.1E-09	X				5.1E-09	na	na	na	na
Total chlorinated dioxins	na					na	na	na	na	na
Total chlorinated furans	na					na	na	na	na	na
Metals										
Aluminum	na					na	na	na	na	2.0E+00
Antimony	9.0E+01	X				9.0E+01	na	na	na	5.0E-02
Arsenic	8.0E+00				X	1.4E-01	2.2E+02	na	8.0E+00	5.0E-01
Barium	2.0E+02	X				2.0E+02	8.3E+05	na	na	5.0E-02
Beryllium	4.4E+00		X			7.6E+01	4.4E+00	na	na	2.0E-02
Cadmium	1.2E+00		X			7.9E+00	1.2E+00	na	na	2.0E-02
Chromium, total or trivalent	2.7E+01	X				2.7E+01	6.0E-02	na	na	2.0E-01
Chromium, hexavalent	5.0E+01	X				5.0E+01	4.5E+04	na	na	1.0E+01
Cobalt	na					na	na	na	na	2.0E-02
Copper	8.0E+00	X				3.1E+00	1.4E+01	na	8.0E+00	1.0E-01
Iron	3.2E+04				X	na	na	na	3.2E+04	1.0E+00
Lead	8.1E+00	X				8.1E+00	1.9E+01	na	na	2.0E-02
Manganese	2.5E+03				X	1.0E+02	na	na	2.5E+03	5.0E-02
Mercury, inorganic	2.5E-02	X				2.5E-02	2.0E+00	2.9E-01	na	1.0E-01
Methylmercury	3.0E-02	X				3.0E-02	na	na	na	na
Molybdenum	na					na	na	na	na	5.0E-02
Nickel	8.2E+00	X				8.2E+00	2.3E+03	na	na	2.0E-01
Selenium	7.1E+01	X				7.1E+01	3.9E+05	na	na	1.0E+00
Silver	1.9E+00	X				1.9E+00	5.5E+01	na	na	2.0E-02
Thallium	6.2E-02	X				6.2E-02	2.3E+01	na	na	2.0E-02
Tin	na					na	na	na	na	5.0E-02
Vanadium	na					na	na	na	na	2.0E-01
Zinc	8.1E+01	X				8.1E+01	7.7E+02	na	na	5.0E-01
Metals - Butyltins										
Monobutyltin	na					na	na	na	na	5.0E-02
Dibutyltin	na					na	na	na	na	5.0E-02
Tributyltin	7.4E-03	X				7.4E-03	na	na	na	5.0E-02
Tetrabutyltin	na					na	na	na	na	5.0E-02

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Chemical (All concentrations are in µg/L)	Most Stringent PCUL Nonpotable Water	Surface Water	Sediment	Indoor Air	Natural Background	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater Screening Level Protect Indoor Air MTCA Method B	Natural Background	Representative PQL Ecology LDW PCUL Workbook (2017)
SVOCs - PAHs										
Acenaphthene	5.3E+00		X			3.0E+01	5.3E+00	na	na	2.0E-02
Acenaphthylene	na					na	na	na	na	2.0E-02
Anthracene	2.1E+00		X			1.0E+02	2.1E+00	na	na	2.0E-02
Benzo(a)anthracene	1.6E-04	X				1.6E-04	1.9E-01	na	na	2.0E-02
Benzo(b)fluoranthene	1.6E-04	X				1.6E-04	na	na	na	2.0E-02
Benzo(k)fluoranthene	1.6E-03	X				1.6E-03	na	na	na	2.0E-02
Total benzofluoranthenes	na					na	na	na	na	4.0E-02
Benzo(g,h,i)perylene	na					na	na	na	na	2.0E-02
Benzo(a)pyrene	1.6E-05	X				1.6E-05	8.7E-02	na	na	2.0E-02
Chrysene	1.6E-02	X				1.6E-02	1.9E-01	na	na	2.0E-02
Dibenz(a,h)anthracene	1.6E-05	X				1.6E-05	6.8E-03	na	na	2.0E-02
Dibenzofuran	na					na	na	na	na	2.0E-02
Fluoranthene	1.8E+00		X			6.0E+00	1.8E+00	na	na	2.0E-02
Fluorene	3.7E+00		X			1.0E+01	3.7E+00	na	na	2.0E-02
Indeno(1,2,3-cd)pyrene	1.6E-04	X				1.6E-04	9.1E-03	na	na	2.0E-02
Methyl isopropyl phenanthrene	na					na	na	na	na	5.0E-02
1-Methylnaphthalene	na					na	na	na	na	2.0E-02
2-Methylnaphthalene	na					na	na	na	na	2.0E-02
Naphthalene	1.4E+00	X				1.4E+00	9.0E+01	8.9E+00	na	2.0E-02
Phenanthrene	na					na	na	na	na	2.0E-02
Pyrene	2.0E+00		X			8.0E+00	2.0E+00	na	na	2.0E-02
Total LPAHs	na					na	na	na	na	na
Total HPAHs	na					na	na	na	na	na
Total PAHs	na					na	na	na	na	na
Total cPAH TEQ	1.6E-05	X				1.6E-05	4.9E-03	na	na	na
Other SVOCs										
Aniline	na					na	na	na	na	6.0E-01
Azobenzene	na					na	na	na	na	1.0E+00
Benzidine	2.3E-05	X				2.3E-05	na	na	na	1.0E+01
Benzoic acid	5.9E+02		X			na	5.9E+02	na	na	3.0E+00
Benzyl alcohol	na					na	na	na	na	4.0E-01
Bis(2-chloroethoxy)methane	na					na	na	na	na	4.0E-01
Bis(2-chloroethyl)ether	6.0E-02	X				6.0E-02	3.8E+02	2.6E+01	na	4.0E-01
Bis(2-chloro-1-methylethyl)ether	9.0E+02	X				9.0E+02	na	na	na	4.0E-01
2,6-Bis(1,1-dimethylethyl) phenol	na					na	na	na	na	na
Bis(2-ethylhexyl) phthalate	4.6E-02	X				4.6E-02	6.2E-01	na	na	3.0E+00
4-Bromophenyl phenyl ether	na					na	na	na	na	4.0E-01
Butyl benzyl phthalate	1.3E-02	X				1.3E-02	2.4E-01	na	na	6.0E-01
Butyl diphenyl phosphate	na					na	na	na	na	na

Table 2 - LDW Preliminary Groundwater Cleanup Levels and Sources

Chemical (All concentrations are in µg/L)	Most Stringent PCUL Nonpotable Water	Surface Water	Sediment	Indoor Air	Natural Background	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater Screening Level Protect Indoor Air MTCA Method B	Natural Background	Representative PQL Ecology LDW PCUL Workbook (2017)
Carbazole	na					na	na	na	na	4.0E-01
4-Chloroaniline	2.3E+03		X			na	2.3E+03	na	na	4.0E-01
4-Chloro-3-methylphenol	3.6E+01	X				3.6E+01	na	na	na	4.0E-01
2-Chloronaphthalene	1.0E+02	X				1.0E+02	na	na	na	6.0E-02
2-Chlorophenol	1.7E+01	X				1.7E+01	2.9E+03	na	na	4.0E-01
4-Chlorophenyl phenyl ether	na					na	na	na	na	4.0E-01
Dibutyl phthalate	8.0E+00	X				8.0E+00	4.6E+01	na	na	4.0E-01
Dibutyl phenyl phosphate	na					na	na	na	na	na
1,2-Dichlorobenzene	4.6E+00		X			8.0E+02	4.6E+00	2.6E+03	na	4.0E-01
1,3-Dichlorobenzene	2.0E+00	X		X		2.0E+00	na	na	na	4.0E-01
1,4-Dichlorobenzene	4.9E+00					6.0E+01	8.9E+00	4.9E+00	na	4.0E-01
3,3'-Dichlorobenzidine	3.3E-03	X				3.3E-03	1.3E+02	na	na	2.0E+00
2,4-Dichlorophenol	1.0E+01	X				1.0E+01	7.0E+03	na	na	4.0E-01
Diethyl phthalate	9.3E+01		X			2.0E+02	9.3E+01	na	na	4.0E-01
Dimethyl phthalate	6.0E+02	X				6.0E+02	na	na	na	4.0E-01
2,4-Dimethylphenol	6.3E+00		X			9.7E+01	6.3E+00	na	na	1.0E+00
4,6-Dinitro-2-methylphenol	7.0E+00	X				7.0E+00	na	na	na	4.0E+00
2,4-Dinitrophenol	1.0E+02	X				1.0E+02	5.5E+05	na	na	5.0E+00
2,4-Dinitrotoluene	1.8E-01	X				1.8E-01	1.1E+03	na	na	4.0E-01
2,6-Dinitrotoluene	3.0E+02		X			na	3.0E+02	na	na	4.0E-01
Di-n-octyl phthalate	3.9E-03		X			na	3.9E-03	na	na	4.0E-01
1,4-Dioxane	na					na	na	na	na	4.0E-01
1,2-Diphenylhydrazine	2.0E-02	X				2.0E-02	na	na	na	1.0E+00
Hexachlorobenzene	5.0E-06	X				5.0E-06	1.4E-02	na	na	4.0E-01
Hexachlorobutadiene	1.0E-02	X				1.0E-02	1.1E-02	8.1E-01	na	6.0E-01
Hexachlorocyclopentadiene	1.0E+00	X				1.0E+00	2.7E+02	na	na	2.0E+00
Hexachloroethane	2.0E-02	X				2.0E-02	6.2E+02	3.1E+00	na	6.0E-01
Isophorone	1.1E+02	X				1.1E+02	6.0E+05	na	na	4.0E-01
2-Methoxynaphthalene	na					na	na	na	na	na
2-Methylphenol	2.7E+01		X			na	2.7E+01	na	na	4.0E-01
4-Methylphenol	na					na	na	na	na	8.0E-01
2-Nitroaniline	na					na	na	na	na	4.0E-01
3-Nitroaniline	na					na	na	na	na	4.0E-01
4-Nitroaniline	na					na	na	na	na	6.0E-01
Nitrobenzene	1.0E+02	X				1.0E+02	1.2E+05	1.6E+02	na	4.0E-01
2-Nitrophenol	na					na	na	na	na	4.0E-01
4-Nitrophenol	na					na	na	na	na	3.0E+00
n-Nitrosodimethylamine	3.4E-01	X				3.4E-01	na	na	na	2.0E+00
n-Nitrosodiphenylamine	6.9E-01	X				6.9E-01	1.1E+00	na	na	4.0E-01
n-Nitrosodi-n-propylamine	5.8E-02	X				5.8E-02	1.2E+02	na	na	4.0E-01

Table 2 - LDW Preliminary Groundwater Cleanup Levels and Sources

Chemical (All concentrations are in µg/L)	Most Stringent PCUL Nonpotable Water	Surface Water	Sediment	Indoor Air	Natural Background	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater Screening Level Protect Indoor Air MTCA Method B	Natural Background	Representative PQL Ecology LDW PCUL Workbook (2017)
Pentachlorophenol	2.0E-03	X				2.0E-03	8.8E-01	na	na	7.0E-01
Phenol	3.7E+02		X			7.0E+04	3.7E+02	na	na	6.0E-01
Pyridine	na					na	na	na	na	2.0E+00
1,2,4-Trichlorobenzene	3.7E-02	X				3.7E-02	9.6E-01	3.9E+01	na	4.0E-01
2,4,5-Trichlorophenol	6.0E+02	X				6.0E+02	5.7E+04	na	na	4.0E-01
2,4,6-Trichlorophenol	2.8E-01	X				2.8E-01	5.9E+02	na	na	6.0E-01
Volatile Organic Compounds										
Acetone	na					na	na	na	na	2.0E+00
Acrolein	1.1E+00	X				1.1E+00	na	2.9E+00	na	5.0E+00
Acrylonitrile	2.8E-02	X				2.8E-02	na	1.6E+01	na	1.0E+00
Benzaldehyde	na					na	na	na	na	na
Benzene	1.6E+00	X				1.6E+00	na	2.4E+00	na	2.0E-01
Bromobenzene	na					na	na	na	na	2.0E-01
Bromochloromethane	na					na	na	na	na	2.0E-01
Bromoethane	na					na	na	na	na	2.0E-01
Bromoform	1.2E+01	X		X		1.2E+01	na	2.0E+02	na	2.0E-01
Bromomethane	1.3E+01					2.7E+02	na	1.3E+01	na	5.0E-01
2-Butoxyethanol	na					na	na	na	na	5.0E+00
n-Butylbenzene	na					na	na	na	na	2.0E-01
sec-Butylbenzene	na					na	na	na	na	2.0E-01
tert-Butylbenzene	na			X		na	na	na	na	2.0E-01
Carbon disulfide	4.0E+02					na	na	4.0E+02	na	2.0E-01
Carbon tetrachloride	3.5E-01	X				3.5E-01	na	5.6E-01	na	2.0E-01
Chlorobenzene	2.0E+02	X		X		2.0E+02	na	2.9E+02	na	2.0E-01
Chloroethane	1.9E+04					na	na	1.9E+04	na	2.0E-01
2-Chloroethyl vinyl ether	na			X		na	na	na	na	1.0E+00
Chloroform	1.2E+00			X		1.5E+02	na	1.2E+00	na	2.0E-01
Chloromethane	1.5E+02					na	na	1.5E+02	na	3.0E-01
3-Chloro-1-propene	na					na	na	na	na	5.0E+00
2-Chlorotoluene	na					na	na	na	na	2.0E-01
4-Chlorotoluene	na					na	na	na	na	2.0E-01
Dibromochloromethane	2.2E+00	X				2.2E+00	na	4.5E+00	na	2.0E-01
1,2-Dibromo-3-chloropropane	na					na	na	na	na	5.0E-01
Dibromomethane	na			X		na	na	na	na	2.0E-01
Dichlorobromomethane	1.8E+00					2.8E+00	na	1.8E+00	na	2.0E-01
trans-1,4-Dichloro-2-butene	na			X		na	na	na	na	1.0E+00
Dichlorodifluoromethane	5.6E+00			X		na	na	5.6E+00	na	2.0E-01
1,1-Dichloroethane	1.1E+01			X		na	na	1.1E+01	na	2.0E-01
1,2-Dichloroethane	4.2E+00			X		7.3E+01	na	4.2E+00	na	2.0E-01
1,1-Dichloroethylene	1.3E+02					4.0E+03	na	1.3E+02	na	1.0E-01

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Chemical (All concentrations are in µg/L)	Most Stringent PCUL Nonpotable Water	Surface Water	Sediment	Indoor Air	Natural Background	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater PCUL Protect Sediment Mod. MTCA 747-1 (see footer)	Groundwater Screening Level Protect Indoor Air MTCA Method B	Natural Background	Representative PQL Ecology LDW PCUL Workbook (2017)
cis-1,2-Dichloroethylene	na					na	na	na	na	2.0E-01
trans-1,2-Dichloroethylene	1.0E+03	X				1.0E+03	na	na	na	2.0E-01
1,2-Dichloroethylene (mixed isomers)	na					na	na	na	na	na
1,2-Dichloropropane	3.1E+00	X				3.1E+00	na	1.0E+01	na	2.0E-01
1,3-Dichloropropane	na					na	na	na	na	2.0E-01
2,2-Dichloropropane	na					na	na	na	na	2.0E-01
1,1-Dichloropropene	na					na	na	na	na	1.0E-01
cis-1,3-Dichloropropene	2.0E+00	X				2.0E+00	na	na	na	2.0E-01
trans-1,3-Dichloropropene	2.0E+00	X				2.0E+00	na	na	na	2.0E-01
Ethane	na					na	na	na	na	1.2E+00
Ethylbenzene	3.1E+01	X				3.1E+01	na	2.8E+03	na	2.0E-01
Ethylene	na					na	na	na	na	1.1E+00
Ethyl ether	na			X		na	na	na	na	1.0E+00
Ethylene dibromide	2.7E-01					na	na	2.7E-01	na	1.0E-01
Formaldehyde	na					na	na	na	na	na
2-Hexanone	na			X		na	na	na	na	2.0E+00
Isopropylbenzene	7.2E+02					na	na	7.2E+02	na	2.0E-01
4-Isopropyltoluene	na					na	na	na	na	2.0E-01
Methane	na			X		na	na	na	na	6.5E-01
Methyl ethyl ketone	1.7E+06					na	na	1.7E+06	na	5.0E+00
Methyl iodide	na			X		na	na	na	na	5.0E-01
Methyl isobutyl ketone	4.7E+05			X		na	na	4.7E+05	na	5.0E+00
Methyl tert-butyl ether	6.0E+02					na	na	6.0E+02	na	2.0E-01
Methylene chloride	1.0E+02	X				100	na	4.4E+03	na	5.0E-01
2-Pentanone	na					na	na	na	na	5.0E+00
n-Propylbenzene	na			X		na	na	na	na	2.0E-01
Styrene	8.2E+03			X		na	na	8.2E+03	na	2.0E-01
1,1,1,2-Tetrachloroethane	7.4E+00					na	na	7.4E+00	na	2.0E-01
1,1,2,2-Tetrachloroethane	3.0E-01	X				3.0E-01	na	6.2E+00	na	2.0E-01
Tetrachloroethylene	2.9E+00	X				2.9E+00	na	2.4E+01	na	2.0E-01
Toluene	1.3E+02	X				1.3E+02	na	1.5E+04	na	2.0E-01
1,2,3-Trichlorobenzene	na			X		na	na	na	na	5.0E-01
1,1,1-Trichloroethane	5.5E+03					5.0E+04	na	5.5E+03	na	2.0E-01
1,1,2-Trichloroethane	9.0E-01	X				9.0E-01	na	4.6E+00	na	2.0E-01
Trichloroethylene	7.0E-01	X				7.0E-01	na	1.5E+00	na	2.0E-01
Trichlorofluoroethane	na					na	na	na	na	na
Trichlorofluoromethane	na					na	na	na	na	2.0E-01
1,2,3-Trichloropropane	na			X		na	na	na	na	2.0E-01
Trichlorotrifluoroethane	1.8E+02					na	na	1.8E+02	na	2.0E-01
1,2,3-Trimethylbenzene	na			X		na	na	na	na	na
1,2,4-Trimethylbenzene	2.4E+02					na	na	2.4E+02	na	2.0E-01
1,3,5-Trimethylbenzene	na			X		na	na	na	na	2.0E-01
Vinyl acetate	7.8E+03					na	na	7.8E+03	na	2.0E-01
Vinyl chloride	1.8E-01	X		X		1.8E-01	na	3.5E-01	na	2.0E-02
m-Xylene	3.0E+02					na	na	3.0E+02	na	na

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m,p-Xylene	na			X		na	na	na	na	4.0E-01
o-Xylene	4.3E+02			X		na	na	4.3E+02	na	2.0E-01
Total xylenes	3.3E+02					na	na	3.3E+02	na	5.0E-01
Petroleum Hydrocarbons										
Gasoline range hydrocarbons	8.0E+02	X				8.0E+02	8.0E+02	na	na	5.0E+01
Diesel range hydrocarbons	5.0E+02	X				5.0E+02	5.0E+02	na	na	1.0E+02
Oil range hydrocarbons	5.0E+02	X				5.0E+02	5.0E+02	na	na	2.0E+02
Pesticides										
Aldrin	4.1E-08	X				4.1E-08	1.1E-04	3.2E-01	na	1.0E-02
alpha-BHC	4.8E-05	X				4.8E-05	4.0E+00	na	na	1.0E-02
beta-BHC	1.4E-03	X				1.4E-03	1.1E+01	na	na	1.0E-02
delta-BHC	na					na	na	na	na	1.0E-02
gamma-BHC	1.3E-01	X				1.3E-01	3.0E+01	na	na	1.0E-02
cis-Chlordane	1.0E-04		X			3.6E-04	1.0E-04	na	na	1.0E-01
trans-Chlordane	1.0E-04		X			3.6E-04	1.0E-04	na	na	1.0E-01
Chlordane	2.2E-05	X				2.2E-05	TBD	na	na	1.0E-01
Chlorpyrifos	5.6E-03	X				5.6E-03	na	na	na	1.0E-02
4,4'-DDD	7.9E-06	X				7.9E-06	4.1E+00	na	na	1.0E-02
4,4'-DDE	8.8E-07	X				8.8E-07	1.5E+00	na	na	1.0E-02
4,4'-DDT	1.2E-06	X				1.2E-06	7.8E-06	na	na	1.0E-02
Total DDD	1.0E-03	X				1.0E-03	4.1E+00	na	na	1.0E-02
Total DDE	1.0E-03	X				1.0E-03	1.5E+00	na	na	1.0E-02
Total DDT	1.0E-03	X				1.0E-03	TBD	na	na	1.0E-02
Diazinon	na					na	na	na	na	2.0E-01
Dieldrin	1.2E-06	X				1.2E-06	2.1E-04	na	na	1.0E-02
Endosulfan I	8.7E-03	X				8.7E-03	2.6E+04	na	na	1.0E-02
Endosulfan II	8.7E-03	X				8.7E-03	2.6E+04	na	na	1.0E-02
Endosulfan sulfate	1.0E+01	X				1.0E+01	na	na	na	1.0E-02
Endrin	2.0E-03	X				2.0E-03	2.5E+02	na	na	1.0E-02
Endrin aldehyde	3.5E-02	X				3.5E-02	na	na	na	1.0E-02
Endrin ketone	na					na	na	na	na	1.0E-02
Heptachlor	3.4E-07	X				3.4E-07	5.5E-04	na	na	1.0E-02
Heptachlor epoxide	2.4E-06	X				2.4E-06	TBD	na	na	1.0E-02
Malathion	1.0E-01	X				1.0E-01	na	na	na	2.0E-01
Methoxychlor	2.0E-02	X				2.0E-02	5.6E+02	na	na	1.0E-02
Mirex	1.0E-03	X				1.0E-03	na	na	na	1.0E-02
Nonachlor	na					na	na	na	na	1.0E-02
Toxaphene	3.2E-05	X				3.2E-05	4.3E-01	na	na	5.0E-01

NOTES:

Preliminary screening level is taken from the Washington State Department of Ecology, 2018 workbook for the Lower Duwamish Waterway.

Values protective of potable groundwater are based on the minimum of State and Federal MCLs, MTCA Method B equations 720-1 and 720-2, and protection of vapor.

Values protective of groundwater to surface water are based on the minimum of WAC-173-201A, CWA Section 304, 40 CFR 131.45, or MTCA Method B equations 730-1 and 730-2.

Values protective of sediments are based on the minimum of the human health or benthic values in the Sediment Management Standard or the LDW Record of Decision remediation action levels (2014).

CFR = Code of Federal Regulations; cPAHs = carcinogenic polycyclic aromatic hydrocarbons; CWA = Clean Water Act; HPAHs = high polycyclic aromatic hydrocarbons; LDW = Lower Duwamish Waterway; LPAHs = low polycyclic aromatic hydrocarbons; MCL = maximum contaminant level; MTCA = Models Toxics Control Act; na = not applicable; PAHs = polycyclic aromatic hydrocarbons; PCBs = polychlorinated biphenyls; PCUL = Preliminary Cleanup Levels; PQL = practical quantitation limit; SVOCs = semi-volatile organic compounds; TBD = to be determined; TEQ = toxicity equivalency quotient; WAC = Washington Administrative Code; µg/L = micrograms per liter

Table 3 - Soil Statistics and Screening Process, Saturated and Unsaturated Zones

Analyte	Sample Statistics											Elimination Criteria							Exceeds Bank Erosion Value and that Exceedance Could Enter Storm System Retained as a COC	
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (mg/kg)	Maximum Detection (mg/kg)	Sample Name of Maximum Detection	Mean of Detected Values (mg/kg)	PCUL Saturated Zone (mg/kg)	Maximum Detection Exceeds 2X PCUL	Not Detected	No PCUL or Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL < 10%	In Other Chemical Lists	Not Selected as a COC in Groundwater (<PCUL Criteria)	Exceeds Direct Contact Criteria		
	1,1,1,2-Tetrachloroethane	392	392	-	-	-	-	-	-	-	-	3.85E+01	-	X						
1,1,1-Trichloroethane	394	365	29	-	29	-	1.00E-03	1.13E-01	BPH-1-5-6.5	1.84E-02	2.11E+01	No		X						
1,1,2,2-Tetrachloroethane	393	393	-	-	-	229	-	-	-	-	1.10E-04	-	X							
1,1,2-Trichloroethane	393	392	1	1	-	214	2.62E-02	2.62E-02	FPD-5-2.5-4	2.62E-02	3.26E-04	Yes				X	No		NA	
1,1-Dichloroethane	394	384	10	-	10	-	1.40E-03	3.10E-02	NA-3-4-5	9.38E-03	1.75E+02	No		X						
1,1-Dichloroethylene	394	386	8	-	8	5	1.00E-03	4.10E-03	BY-3-6-8	1.88E-03	1.36E+00	No		X						
1,1-Dichloropropene	392	392	-	-	-	-	-	-	-	-	-	-	X							
1,2,3,4,6,7,8,9-OCDD	9	-	9	-	-	-	7.07E-06	2.50E-01	C6-3-4.5	3.78E-02	-	-							X	
1,2,3,4,6,7,8,9-OCDF	9	3	6	-	-	-	1.10E-05	3.20E-03	C6-3-4.5	9.64E-04	-	-							X	
1,2,3,4,6,7,8-HpCDD	9	-	9	-	-	-	9.76E-07	2.30E-02	C6-3-4.5	4.21E-03	-	-							X	
1,2,3,4,6,7,8-HpCDF	9	1	8	-	-	-	1.16E-07	8.01E-04	DG11-1-4	1.97E-04	-	-							X	
1,2,3,4,7,8,9-HpCDF	9	6	3	-	-	-	3.10E-06	1.39E-04	DG11-1-4	9.05E-05	-	-							X	
1,2,3,4,7,8-HxCDD	9	7	2	-	-	-	4.60E-04	5.50E-04	C6-3-4.5	5.05E-04	-	-							X	
1,2,3,4,7,8-HxCDF	9	4	5	-	-	-	9.38E-08	5.04E-05	DG11-1-4	2.02E-05	-	-							X	
1,2,3,6,7,8-HxCDD	9	6	3	-	-	-	1.03E-07	8.00E-04	C6-3-4.5	5.05E-04	-	-							X	
1,2,3,6,7,8-HxCDF	9	4	5	-	-	-	3.30E-06	4.09E-05	DG11-1-4	1.66E-05	-	-							X	
1,2,3,7,8,9-HxCDD	9	7	2	-	-	-	8.27E-04	1.20E-03	C6-3-4.5	1.01E-03	-	-							X	
1,2,3,7,8,9-HxCDF	9	7	2	-	-	-	1.10E-05	2.05E-05	DG11-1-4	1.58E-05	-	-							X	
1,2,3,7,8-PECDD	9	7	2	-	-	-	1.50E-04	2.58E-04	DG11-1-4	2.04E-04	-	-							X	
1,2,3,7,8-PeCDF	9	6	3	-	-	-	5.71E-08	1.19E-05	DG11-1-4	6.96E-06	-	-							X	
1,2,3-Trichlorobenzene	392	392	-	-	-	-	-	-	-	-	-	-	X	X						
1,2,3-Trichloropropane	391	391	-	-	-	38	-	-	-	-	3.33E-02	-	X							
1,2,4-Trichlorobenzene	405	404	1	1	-	400	5.80E-03	5.80E-03	MW-44A-SB-10	5.80E-03	7.20E-05	Yes				X	No		NA	
1,2,4-Trimethylbenzene	390	343	47	-	47	-	1.12E-03	1.00E+02	MW-44B-SB-10	5.84E+00	8.00E+02	-		X						
1,2-Dibromo-3-chloropropane	392	392	-	-	-	7	-	-	-	-	1.25E+00	-	X							
1,2-Dichlorobenzene	406	405	1	-	1	97	1.49E-03	1.49E-03	F6-0.5-2	1.49E-03	3.07E-03	No		X						
1,2-Dichloroethane	393	392	1	-	1	34	4.00E-03	4.00E-03	NA-3-4-5	4.00E-03	2.37E-02	No		X						
1,2-Dichloropropane	394	391	3	3	-	203	2.60E-03	6.60E-03	MW-43-SB-6.5	4.13E-03	1.03E-03	Yes				X	No		NA	
1,3,5-Trimethylbenzene	390	359	31	-	31	-	1.33E-03	4.30E+01	MW-44B-SB-10	3.30E+00	8.00E+02	No		X						
1,3-Dichlorobenzene	406	406	-	-	-	-	-	-	-	-	-	-	X	X						
1,3-Dichloropropane	391	391	-	-	-	-	-	-	-	-	-	-	X	X						
1,4-Dichlorobenzene	405	405	-	-	-	65	-	-	-	-	8.07E-03	-	X							
1-Methylnaphthalene	51	35	16	1	15	-	1.42E-03	9.60E+01	DG11-12-1	6.13E+00	2.94E+01	Yes							X	
2,2-Dichloropropane	392	392	-	-	-	-	-	-	-	-	-	-	X	X						
2,3,4,6,7,8-HxCDF	9	4	5	-	-	-	3.50E-06	2.66E-05	DG11-1-4	9.12E-06	-	-							X	
2,3,4,7,8-PeCDF	9	3	6	-	-	-	7.62E-08	7.10E-06	C6-3-4.5	4.44E-06	-	-							X	

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Analyte	Sample Statistics											Elimination Criteria							Exceeds Bank Erosion Value and that Exceedance Could Enter Storm System and Retained as a COC	
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (mg/kg)	Maximum Detection (mg/kg)	Sample Name of Maximum Detection	Mean of Detected Values (mg/kg)	PCUL Saturated Zone (mg/kg)	Maximum Detection Exceeds 2X PCUL	Not Detected	No PCUL or Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL < 10%	In Other Chemical Lists	Not Selected as a COC in Groundwater (<PCUL Criteria)	Exceeds Direct Contact Criteria		
	2,3,7,8-TCDD	9	7	2	2	-	-	1.60E-05	2.32E-05	DG11-1-4	1.96E-05	1.28E-05	No				X			
2,3,7,8-TCDF	9	3	6	-	-	-	1.98E-07	5.02E-06	DG11-1-4	3.15E-06	-	-				X				
2,4,5-Trichlorophenol	65	65	-	-	-	3	-	-	-	-	1.13E+00	-	X							
2,4,6-Trichlorophenol	66	65	1	1	-	65	8.00E-02	8.00E-02	MW-10-3_1986	8.00E-02	1.87E-04	Yes				X	No		No	
2,4-Dichlorophenol	66	66	-	-	-	65	-	-	-	-	4.34E-03	-	X							
2,4-Dimethylphenol	66	64	2	2	-	64	1.70E-02	1.75E-01	MW-44B-SB-10	9.60E-02	3.14E-03	Yes				X	No		No	
2,4-Dinitrophenol	66	65	1	1	-	65	9.70E-01	9.70E-01	MW-10-3_1986	9.70E-01	2.87E-02	Yes				X	No		No	
2,4-Dinitrotoluene	65	65	-	-	-	65	-	-	-	-	6.88E-05	-	X							
2,6-Dinitrotoluene	65	65	-	-	-	22	-	-	-	-	1.06E-01	-	X							
2-Chloroethyl vinyl ether	66	66	-	-	-	-	-	-	-	-	-	-	X	X						
2-Chloronaphthalene	66	66	-	-	-	-	-	-	-	-	6.40E+03	-	X							
2-Chlorophenol	66	66	-	-	-	58	-	-	-	-	1.15E-02	-	X							
2-Chlorotoluene	392	392	-	-	-	-	-	-	-	-	1.60E+03	-	X							
2-Hexanone	393	393	-	-	-	-	-	-	-	-	4.00E+02	-	X							
2-Methylnaphthalene	101	69	32	6	26	-	7.09E-03	9.40E+01	DG11-12-1	4.10E+00	6.70E-01	Yes				X				
2-Methylphenol	65	64	1	1	-	52	8.20E-02	8.20E-02	MW-44B-SB-10	8.20E-02	1.02E-02	Yes				X	No			
2-Nitroaniline	65	65	-	-	-	-	-	-	-	-	8.00E+02	-	X							
2-Nitrophenol	66	66	-	-	-	-	-	-	-	-	-	-	X	X						
3,3'-Dichlorobenzidine	27	27	-	-	-	27	-	-	-	-	3.34E-06	-	X							
3-Nitroaniline	65	65	-	-	-	-	-	-	-	-	-	-	X							
4,4'-DDD	6	6	-	-	-	6	-	-	-	-	3.64E-07	-	X							
4,4'-DDE	6	6	-	-	-	6	-	-	-	-	7.63E-08	-	X							
4,4'-DDT	6	6	-	-	-	6	-	-	-	-	8.14E-07	-	X							
4,6-Dinitro-2-methylphenol	66	65	1	-	-	-	2.00E-01	2.00E-01	MW-10-3_1986	2.00E-01	-	-				X				
4-Bromophenyl phenyl ether	66	66	-	-	-	-	-	-	-	-	-	-	X	X						
4-Chloro-3-methylphenol	66	65	1	-	-	-	8.00E-02	8.00E-02	MW-10-3_1986	8.00E-02	-	-				X				
4-Chloroaniline	65	65	-	-	-	27	-	-	-	-	8.10E-01	-	X							
4-Chlorophenyl phenyl ether	66	66	-	-	-	-	-	-	-	-	-	-	X	X						
4-Chlorotoluene	391	391	-	-	-	-	-	-	-	-	-	-	X	X						
4-Isopropyltoluene	391	367	24	-	-	-	2.18E-03	1.30E+01	FPD-1-7-8.5	9.67E-01	-	-				X				
4-Methylphenol	59	58	1	-	1	2	1.20E-01	1.20E-01	MW-44B-SB-10	1.20E-01	6.70E-01	No				X				
4-Nitroaniline	65	65	-	-	-	-	-	-	-	-	-	-	X	X						
4-Nitrophenol	66	64	2	-	-	-	2.00E-01	3.69E-01	C6-3-4.5	2.85E-01	-	-				X				
Acenaphthene	102	75	27	17	10	37	5.12E-03	8.70E+00	DG11-12-1	7.51E-01	2.77E-02	Yes				X	No		No	
Acenaphthylene	102	92	10	1	9	-	5.80E-03	3.40E+00	DG11-12-1	3.21E-01	1.30E+00	Yes				X	No		No	
Acetone	393	296	97	-	96	-	7.20E-03	5.92E+01	MBS-2-5.5-7	8.56E-01	7.20E+04	No				X				

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	Acrolein	64	64	-	-	-	4	-	-	-	-	4.00E+01	-	X						
Acrylonitrile	64	64	-	-	-	4	-	-	-	-	1.85E+00	-	X							
Aldrin	6	6	-	-	-	6	-	-	-	-	2.01E-09	-	X							
alpha-BHC	6	6	-	-	-	6	-	-	-	-	9.82E-08	-	X							
Aniline	19	19	-	-	-	-	-	-	-	-	1.50E+02	-	X							
Anthracene	102	77	25	15	10	16	9.39E-03	4.90E+00	WP-6-1-2	3.88E-01	5.10E-02	Yes					X	No	No	
Antimony	20	17	3	1	2	-	2.00E-01	1.10E+01	BY-3-3-5	5.75E+00	4.08E+00	Yes					X	No	No	
Aroclor-1016	76	75	1	-	-	-	3.80E-03	3.80E-03	DG11-12-2	3.80E-03	-	-							X	
Aroclor-1221	76	75	1	-	-	-	3.80E-03	3.80E-03	DG11-12-2	3.80E-03	-	-							X	
Aroclor-1232	76	75	1	-	-	-	3.80E-03	3.80E-03	DG11-12-2	3.80E-03	-	-							X	
Aroclor-1242	76	75	1	-	-	-	3.80E-03	3.80E-03	DG11-12-2	3.80E-03	-	-							X	
Aroclor-1248	76	74	2	-	-	-	7.60E-03	1.50E-02	DG11-12-2	1.13E-02	-	-							X	
Aroclor-1254	76	48	28	-	-	-	6.80E-03	1.75E+00	SWS-1-6-7	2.46E-01	-	-							X	
Aroclor-1260	76	62	14	-	-	-	1.19E-03	5.78E-01	DG11-1-4	1.02E-01	-	-							X	
Aroclor-1262	28	28	-	-	-	-	-	-	-	-	-	-	X						X	
Aroclor-1268	28	28	-	-	-	-	-	-	-	-	-	-	X						X	
Arsenic	324	4	320	20	300	2	6.30E-01	5.86E+01	SFA-S15-3	3.73E+00	7.30E+00	Yes					X			**
Barium	54	-	54	40	14	-	1.47E+01	2.59E+02	EH4-W-1.5	5.87E+01	8.26E+00	Yes					X	No	No	
Benzene	394	385	9	8	1	202	1.60E-03	1.60E-01	E7-3-4.5	1.92E-02	5.58E-04	Yes					X	No	NA	
Benzo(a)anthracene	102	60	42	42	-	60	2.83E-03	2.60E+00	DS-2-6-8	2.49E-01	5.73E-05	Yes							X	
Benzo(a)pyrene	102	64	38	38	-	64	5.19E-03	2.4	EH4-S-1.5	2.21E-01	1.55E-05	Yes							X	
Benzo(b)fluoranthene	97	63	34	34	-	62	4.25E-03	1.80E+00	DS-2-6-8	2.38E-01	1.97E-04	Yes							X	
Benzo(g,h,i)perylene	102	72	30	-	30	-	8.14E-03	5.90E-01	DS-2-6-8	1.87E-01	6.70E-01	No					X			
Benzo(k)fluoranthene	97	67	30	29	1	54	2.83E-03	2.40E+00	DS-2-6-8	2.52E-01	1.97E-03	Yes							X	
Benzoic acid	65	65	-	-	-	59	-	-	-	-	1.69E-01	-	X							
Benzyl alcohol	65	64	1	-	1	22	1.90E-02	1.90E-02	MW-47A-SB-12	1.90E-02	5.70E-02	No					X			
Beryllium	20	16	4	-	4	-	3.00E-01	4.00E-01	WP-6-5-6	3.25E-01	3.46E+00	No					X			
beta-BHC	6	6	-	-	-	6	-	-	-	-	3.40E-06	-	X							
Bis(2-chloroisopropyl)ether	31	31	-	-	-	-	-	-	-	-	-	-	X					X		
Bis(2-chloro-1-methylethyl)ether	34	34	-	-	-	-	-	-	-	-	3.20E+03	-	X							
Bis(2-chloroethoxy)methane	65	65	-	-	-	-	-	-	-	-	-	-	X					X		
Bis(2-chloroethyl)ether	66	66	-	-	-	66	-	-	-	-	2.18E-05	-	X							
Bis(2-ethylhexyl)phthalate	78	34	44	40	4	33	1.70E-02	1.30E+00	SS-SW-08	1.75E-01	5.12E-03	Yes								X
Bromobenzene	391	391	-	-	-	-	-	-	-	-	6.40E+02	-	X							
Bromochloromethane	367	367	-	-	-	-	-	-	-	-	-	-	X					X		
Bromoethane	64	64	-	-	-	-	-	-	-	-	-	-	X					X		

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	Bromoform	394	394	-	-	-	66	-	-	-	-	4.95E-03	-	X						
Bromomethane	394	394	-	-	-	34	-	-	-	-	7.92E-02	-	X							
Butyl benzyl phthalate	66	58	8	8	-	58	3.60E-02	6.60E-01	SS-BOT-03	1.35E-01	1.82E-04	Yes				X	No		No	
Cadmium	113	61	52	34	18	21	8.79E-02	4.10E+01	MW-43-SB-6.5	3.93E+00	7.70E-01	Yes				X	No		Yes	**
Carbazole	65	59	6	-	-	-	3.00E-02	4.00E+00	WP-6-1-2	2.12E+00	-	-			X					
Carbon disulfide	368	329	39	-	39	-	1.30E-03	2.00E-02	MW-47A-SB-12	4.66E-03	8.00E+03	No			X					
Carbon tetrachloride	394	394	-	-	-	229	-	-	-	-	1.54E-04	-	X							
Chlordane	6	6	-	-	-	-	-	-	-	-	1.13E-06	-	X	X						
Chlorobenzene	393	387	6	-	6	18	1.00E-03	2.00E-02	C1-0.5-2	3.31E-03	1.02E-01	No			X					
Chloroethane	394	392	2	-	-	-	3.00E-03	3.50E-03	NA-5-3-5	3.25E-03	-	-			X					
Chloroform	394	373	21	-	21	21	8.68E-04	1.46E-02	FPD-5-2.5-4	2.67E-03	5.24E-02	No			X					
Chloromethane	394	392	2	-	-	-	1.90E-01	2.90E-01	NA-5-5-7	2.40E-01	-	-			X					
Chromium	102	-	102	8	94	-	4.79E+00	1.39E+03	BY-1-0-1	6.15E+01	4.82E+01	Yes				X	No		Yes	**
Chromium, hexavalent	21	15	6	2	2	-	1.90E-01	2.30E+00	BY-1-0-1	1.11E+00	9.64E-01	Yes							**	
Chrysene	102	53	49	43	6	29	3.54E-03	3.00E+00	DS-2-6-8	2.91E-01	6.37E-03	Yes				X				
cis-1,2-Dichloroethylene	393	328	65	-	65	-	1.00E-03	5.30E+00	FPD-4-0.5-2	3.17E-01	1.60E+02	No			X					
cis-1,3-Dichloropropene	392	392	-	-	-	208	-	-	-	-	6.27E-04	-	X							
cis-Chlordane	6	6	-	-	-	6	-	-	-	-	5.30E-06	-	X	X						
Copper	70	-	70	29	41	-	9.90E+00	3.45E+03	DG11-11-2.5	2.36E+02	3.64E+01	Yes							X	
delta-BHC	6	6	-	-	-	-	-	-	-	-	-	-	X	X						
Dibenz(a,h)anthracene	102	85	17	17	-	85	5.12E-03	2.49E-01	EH4-S-1.5	7.87E-02	2.86E-05	Yes			X					
Dibenzofuran	71	53	18	5	13	-	5.70E-03	5.60E+00	WP-6-1-2	9.71E-01	5.40E-01	Yes				X	No		No	
Dibromochloromethane	393	393	-	-	-	208	-	-	-	-	7.69E-04	-	X							
Dibromomethane	392	392	-	-	-	-	-	-	-	-	8.00E+02	-	X							
Dibutyl phthalate	66	58	8	7	1	51	5.60E-02	1.70E+00	BY-1-0-1	5.80E-01	1.49E-02	Yes				X	No		No	
Dibutyltin	6	5	1	-	-	-	3.65E-03	3.65E-03	A1-3-4.5	3.65E-03	-	-			X		X	No	NA	
Dichlorobromomethane	394	394	-	-	-	208	-	-	-	-	9.57E-04	-	X							
Dichlorodifluoromethane	328	328	-	-	-	-	-	-	-	-	1.60E+04	-	X							
Dieldrin	6	6	-	-	-	6	-	-	-	-	3.09E-08	-	X							
Diesel range hydrocarbons	454	164	290	9	281	-	1.91E+00	6.48E+03	FPD-1-7-8.5	2.23E+02	2.00E+03	Yes				X	Yes		**	
Diethyl phthalate	65	65	-	-	-	35	-	-	-	-	3.41E-02	-	X							
Dimethyl phthalate	66	65	1	-	1	23	4.90E-02	4.90E-02	SS-BOT-03	4.90E-02	7.10E-02	No			X					
Di-n-octyl phthalate	66	66	-	-	-	2	-	-	-	-	3.26E-01	-	X							
Endosulfan I	6	6	-	-	-	6	-	-	-	-	2.02E-05	-	X							
Endosulfan II	6	6	-	-	-	6	-	-	-	-	2.02E-05	-	X							
Endosulfan sulfate	6	6	-	-	-	-	-	-	-	-	-	-	X	X						

Table 3 - Soil Statistics and Screening Process, Saturated and Unsaturated Zones

Analyte	Sample Statistics											Elimination Criteria							Exceeds Bank Erosion Value and that Exceedance Could Enter Storm System Retained as a COC	
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (mg/kg)	Maximum Detection (mg/kg)	Sample Name of Maximum Detection	Mean of Detected Values (mg/kg)	PCUL Saturated Zone (mg/kg)	Maximum Detection Exceeds 2X PCUL	Not Detected	No PCUL or Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL < 10%	In Other Chemical Lists	Not Selected as a COC in Groundwater (<PCUL Criteria)	Exceeds Direct Contact Criteria		
	Endrin	6	6	-	-	-	6	-	-	-	-	2.22E-05	-	X						
Endrin aldehyde	6	6	-	-	-	-	-	-	-	-	-	-	X	X						
Endrin ketone	6	6	-	-	-	-	-	-	-	-	-	-	X	X						
Ethylene glycol	6	5	1	-	-	-	7.70E+00	7.70E+00	B3-5	7.70E+00	-	-		X						
Ethylbenzene	393	358	35	21	14	24	1.20E-03	1.20E+02	MW-44B-SB-10	7.57E+00	1.52E-02	Yes			X					
Ethylene dibromide	391	391	-	-	-	6	-	-	-	-	5.00E-01	-	X							
Fluoranthene	102	53	49	25	24	8	2.13E-03	1.20E+01	WP-6-1-2	6.20E-01	8.99E-02	Yes				X	No		No	
Fluorene	102	75	27	21	6	36	6.98E-03	8.00E+00	WP-6-1-2	6.39E-01	2.94E-02	Yes				X	No		No	
gamma-BHC	6	6	-	-	-	6	-	-	-	-	2.05E-04	-	X							
Gasoline range hydrocarbons	103	66	37	13	24	-	5.99E-01	1.40E+04	DG11-12-1 and DG11-12-2	1.31E+03	1.00E+02	Yes				X	Yes		X	
Heptachlor	6	6	-	-	-	6	-	-	-	-	3.34E-09	-	X							
Heptachlor epoxide	6	6	-	-	-	6	-	-	-	-	2.00E-07	-	X							
Hexachlorobenzene	66	66	-	-	-	66	-	-	-	-	4.01E-07	-	X							
Hexachlorobutadiene	406	403	3	3	-	220	4.90E-03	2.90E-01	FPD-5-9-10.5	9.57E-02	5.40E-04	Yes				X	No		No	
Hexachlorocyclopentadiene	66	66	-	-	-	26	-	-	-	-	2.00E-01	-	X							
Hexachloroethane	66	66	-	-	-	66	-	-	-	-	4.13E-05	-	X							
Indeno(1,2,3-cd)pyrene	102	75	27	25	2	67	6.30E-03	7.30E-01	DS-2-6-8	1.62E-01	5.55E-04	Yes			X					
Isophorone	65	65	-	-	-	14	-	-	-	-	3.67E-02	-	X							
Isopropylbenzene	391	370	21	-	21	-	1.63E-03	8.40E+00	MW-44B-SB-10	9.69E-01	8.00E+03	No		X						
Lead	373	1	372	21	351	-	9.00E-01	9.22E+03	BY-1-1-3	1.41E+02	2.50E+02	Yes				X	Yes		X	
Lube oil range hydrocarbons	444	176	268	14	253	-	3.36E+00	1.35E+04	FPD-1-7-8.5	4.71E+02	2.00E+03	Yes				X	Yes		X	
Mercury, inorganic	96	64	32	18	12	36	1.03E-02	9.30E-01	BY-3-3-5 and C6-3-4.5	2.10E-01	7.00E-02	Yes				X	No		No	
Methoxychlor	6	6	-	-	-	-	-	-	-	-	1.61E-03	-	X							
Methyl ethyl ketone	393	343	50	-	50	-	5.70E-03	1.37E+01	MBS-2-3.5-5	3.68E-01	4.80E+04	No				X				
Methyl iodide	64	64	-	-	-	-	-	-	-	-	-	-	X	X						
Methyl isobutyl ketone	392	389	3	-	3	-	1.12E-02	5.05E+00	MBS-2-5.5-7	2.58E+00	6.40E+03	No				X				
Methyl tert-butyl ether	296	296	-	-	-	-	-	-	-	-	5.56E+02	-	X							
Methylene chloride	394	339	55	2	53	50	2.80E-03	1.90E+01	MW-44B-SB-7.5	6.47E-01	2.97E-02	Yes				X	No		NA	
Monobutyltin	6	5	1	-	-	-	2.72E-03	2.72E-03	A1-3-4.5	2.72E-03	-	-		X						
Naphthalene	412	355	57	25	32	48	2.66E-06	2.40E+01	DG11-12-1	8.98E-01	2.07E-03	Yes				X	No		No	
n-Butylbenzene	365	349	16	-	16	-	3.28E-03	1.59E+01	FPD-1-7-8.5	1.32E+00	4.00E+03	No				X				
n-Hexane	9	7	2	-	-	-	9.34E-03	2.83E+01	A1-7.5-8.5	1.42E+01	-	-		X						
Nickel	67	-	67	2	65	-	4.44E+00	1.49E+02	MW-43-SB-6.5	1.43E+01	4.78E+01	Yes				X	No		No	
Nitrobenzene	65	65	-	-	-	14	-	-	-	-	4.06E-02	-	X							
n-Nitrosodimethylamine	13	13	-	-	-	13	-	-	-	-	1.67E-02	-	X							
n-Nitrosodi-n-propylamine	65	63	2	2	-	63	3.60E-01	4.10E-01	SS-SW-17	3.85E-01	1.80E-05	Yes				X	Yes	**		
n-Nitrosodiphenylamine	65	64	1	1	-	63	3.40E-02	3.40E-02	MW-44B-SB-7.5	3.40E-02	1.09E-03	Yes				X	No		No	

Table 3 - Soil Statistics and Screening Process, Saturated and Unsaturated Zones

Analyte	Sample Statistics											Elimination Criteria							Exceeds Bank Erosion Value and that Exceedance Could Enter Storm System Retained as a COC					
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (mg/kg)	Maximum Detection (mg/kg)	Sample Name of Maximum Detection	Mean of Detected Values (mg/kg)	PCUL Saturated Zone (mg/kg)	Maximum Detection Exceeds 2X PCUL	Not Detected	No PCUL or Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL < 10%	In Other Chemical Lists	Not Selected as a COC in Groundwater (<PCUL Criteria)	Exceeds Direct Contact Criteria			Other			
	n-Propylbenzene	390	367	23	-	23	-	2.60E-03	2.00E+01	MW-44B-SB-10	1.91E+00	8.00E+03	No		X									
o-Xylene	96	84	12	-	12	-	3.20E-03	1.00E+02	MW-44B-SB-10	1.21E+01	1.60E+04	No		X										
PeCDD	3	1	2	-	-	-	1.05E-06	2.16E-03	DG11-1-4	1.08E-03	-	-		X		X								
Pentachlorophenol	69	66	3	3	-	66	3.90E-02	1.40E-01	C6-3-4.5	6.98E-02	1.76E-06	Yes				X	No	No	No					
Phenanthrene	102	48	54	6	48	-	2.83E-03	2.40E+01	WP-6-1-2	1.39E+00	1.50E+00	Yes				X	No	No	No					
Phenol	66	66	-	-	-	46	-	-	-	-	1.15E-01	-	X											
Propylene Glycol	4	4	-	-	-	-	-	-	-	-	-	-	X	X										
Pyrene	102	52	50	22	28	3	2.83E-03	6.50E+00	WP-6-1-2	4.98E-01	1.37E-01	Yes				X	No	No	No					
sec-Butylbenzene	390	372	18	-	18	-	1.40E-03	7.58E+00	FPD-1-7-8.5	5.11E-01	8.00E+03	No			X									
Selenium	74	62	12	4	8	61	2.07E-01	7.63E-01	SFA-N1-8	4.07E-01	3.75E-01	Yes				X	No	No	No					
Silver	96	83	13	12	1	80	6.25E-02	7.00E+00	MW-43-SB-6.5	1.09E+00	1.63E-02	Yes				X	No	No	No					
Styrene	392	391	1	-	1	-	3.60E-01	3.60E-01	E7-S5-7	3.60E-01	1.60E+04	No			X									
tert-Butylbenzene	391	390	1	-	1	-	1.80E-03	1.80E-03	MW-44A-SB-10	1.80E-03	8.00E+03	No			X									
Tetrabutyltin	6	6	-	-	-	-	-	-	-	-	-	-	X	X										
Tetrachloroethylene	393	321	72	42	30	41	9.00E-04	1.06E+01	GO-0.5-2	2.26E-01	1.60E-03	Yes											X	
Thallium	20	20	-	-	-	20	-	-	-	-	4.41E-03	-	X											
Toluene	393	339	54	10	44	16	1.10E-03	3.19E+01	MBS-2-3.5-5	1.13E+00	5.55E-02	Yes				X	No	NA	NA					
Total CDDs and CDFs	6	-	6	-	-	-	5.00E-07	2.74E-04	C6-3-4.5	4.75E-05	5.20E-06	Yes												
Total cPAH TEQ	102	53	49	49	-	53	1.82E-03	3.20E+00	EH4-S-1.5	2.44E-01	1.55E-05	Yes				X							X	
Total dioxin/furan TEQ	9	-	9	2	7	-	1.30E-06	7.95E-04	DG11-1-4	1.74E-04	5.20E-06	Yes											**	
Total HpCDD	9	-	9	-	-	-	2.58E-06	6.10E-02	C6-3-4.5	9.34E-03	-	-		X		X								
Total HpCDF	9	1	8	-	-	-	1.16E-07	3.23E-03	DG11-1-4	8.38E-04	-	-		X		X								
Total HxCDD	9	1	8	-	-	-	1.02E-06	1.20E-02	C6-3-4.5	2.76E-03	-	-		X		X								
Total HxCDF	9	1	8	-	-	-	1.09E-07	7.68E-04	DG11-1-4	2.13E-04	-	-		X		X								
Total PCB Aroclors	100	43	61	57	-	-	1.19E-03	1.97E+00	DG11-11-2.5	2.31E-01	2.17E-06	Yes											X	
Total PeCDD	6	3	3	-	-	-	2.80E-06	1.60E-03	C6-3-4.5	5.35E-04	-	-		X		X								
Total PeCDF	9	2	7	-	-	-	4.15E-07	2.71E-04	DG11-1-4	7.19E-05	-	-		X		X								
Total TCDD	9	-	9	-	-	-	5.13E-07	3.84E-04	DG11-1-4	6.89E-05	-	-		X		X								
Total xylenes	363	312	51	-	51	-	1.90E-03	1.54E+02	FPD-1-7-8.5	6.60E+00	1.60E+04	No			X									
Toxaphene	6	6	-	-	-	6	-	-	-	-	3.07E-06	-	X											
trans-1,2-Dichloroethylene	393	373	20	-	20	6	1.20E-03	1.30E-01	FPD-4-0.5-2	2.01E-02	3.25E-01	No			X									
trans-1,3-Dichloropropene	393	393	-	-	-	209	-	-	-	-	6.27E-04	-	X											
trans-1,4-Dichloro-2-butene	64	64	-	-	-	-	-	-	-	-	-	-	X	X										
Trichloroethylene	394	257	137	127	10	132	1.10E-03	7.82E+01	GO-0.5-2	8.42E-01	2.66E-04	Yes											X	
Trichlorofluoromethane	394	394	-	-	-	-	-	-	-	-	2.40E+04	-	X											
Trichlorotrifluoroethane	66	66	-	-	-	-	-	-	-	-	2.40E+06	-	X											
Vinyl acetate	66	66	-	-	-	-	-	-	-	-	8.00E+04	-	X											
Vinyl chloride	394	382	12	12	-	372	1.70E-03	1.10E+00	MW-28A-8.0	5.59E-01	5.49E-05	Yes											X	
Zinc	67	-	67	6	61	-	1.37E+01	6.57E+03	MW-43-SB-6.5	2.69E+02	8.51E+01	Yes				X	No	No	No					

NOTES:

** See text for further discussion on chemical and exclusion.

Preliminary screening level is taken from the Washington State Department of Ecology, 2018 workbook for the Lower Duwamish Waterway based on non-potable groundwater.

> = greater than; < = less than; 2X = two times; COC = chemical of concern; cPAH = carcinogenic polycyclic aromatic hydrocarbon; NA = not applicable; ND = non-detect; PCB = polychlorinated biphenyl; PCUL = Preliminary Cleanup Level; TEQ = toxicity equivalency quotient

Table 4 - Groundwater Statistics and Screening Process

Analyte	Sample Statistics											Elimination Criteria					Exceed Concentration Protective of Air	Retained as COC
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (ug/L)μ	Maximum Detection (μg/L)	Sample Name of Maximum Detection	Mean of Detected Values (μg/L)	PCUL (μg/L)	Maximum Detection Exceeds 2X PCUL	Not Detected	Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL <10	In Other Chemical Lists		
1,1,1,2-Tetrachloroethane	327	327	-	-	-	-	-	-	-	-	7.36	-	X					
1,1,1-Trichloroethane	358	323	35	-	35	-	0.2	100	MW-14A_2002	19.81	5460.62	No		X				
1,1,2,2-Tetrachloroethane	327	327	-	-	-	141	-	-	-	-	0.30	-	X					
1,1,2-Trichloroethane	358	354	4	1	3	170	0.35	0.6	-	0.58	0.90	No			X			
1,1-Dichloroethane	390	198	192	22	170	-	0.1	56.2	MW-26A_2005	4.98	11.08	Yes					X	**
1,1-Dichloroethylene	390	330	60	-	60	-	0.07	20	MW-14A_2002	2.12	129.41	No		X				
1,1-Dichloropropene	327	327	-	-	-	-	-	-	-	-	-	-	X					
1,2,3-Trichlorobenzene	327	327	-	-	-	-	-	-	-	-	-	-	X					
1,2,3-Trichloropropane	327	327	-	-	-	-	-	-	-	-	17.27	-	X					
1,2,4-Trichlorobenzene	327	327	-	-	-	327	-	-	-	-	0.04	-	X					
1,2,4-Trimethylbenzene	327	320	7	1	6	-	0.2	32	MW-6A_2002	5.34	27.83	No			X			
1,2-Dibromo-3-chloropropane	327	327	-	-	-	327	-	-	-	-	0.20	-	X					
1,2-Dichlorobenzene	327	327	-	-	-	-	-	-	-	-	4.61	-	X					
1,2-Dichloroethane	358	358	-	-	-	-	-	-	-	-	4.22	-	X					
1,2-Dichloropropane	327	325	2	-	2	-	0.2	1.1	MW-43A_2011	0.65	3.10	No		X				
1,3,5-Trimethylbenzene	327	324	3	-	3	-	0.3	14	MW-6A_2002	4.93	80.00	No		X				
1,3-Dichlorobenzene	327	319	8	-	8	-	0.2	0.6	MW-7A_2009 and MW-37A_2009	0.40	2.00	No		X				
1,3-Dichloropropane	327	327	-	-	-	-	-	-	-	-	-	-	X					
1,4-Dichlorobenzene	327	327	-	-	-	-	-	-	-	-	4.93	-	X					
1-Chlorohexane	56	56	-	-	-	-	-	-	-	-	-	-	X					
1-Methylnaphthalene	16	14	2	-	-	-	0.121	0.493	MW-6A_2004	0.31	-	-		X				
2,2-Dichloropropane	327	327	-	-	-	-	-	-	-	-	-	-	X					
2,4,5-Trichlorophenol	106	106	-	-	-	-	-	-	-	-	600.00	-	X					
2,4,6-Trichlorophenol	106	106	-	-	-	106	-	-	-	-	0.28	-	X					
2,4-Dichlorophenol	106	106	-	-	-	-	-	-	-	-	10.00	-	X					
2,4-Dimethylphenol	106	106	-	-	-	-	-	-	-	-	6.34	-	X					
2,4-Dinitrophenol	106	106	-	-	-	-	-	-	-	-	100.00	-	X					
2,4-Dinitrotoluene	106	106	-	-	-	106	-	-	-	-	0.18	-	X					
2,6-Dinitrotoluene	106	106	-	-	-	-	-	-	-	-	296.72	-	X					
2-Chloroethyl vinyl ether	242	242	-	-	-	-	-	-	-	1.00	-	-	X					
2-Chloronaphthalene	106	106	-	-	-	-	-	-	-	-	100.00	-	X					
2-Chlorophenol	106	106	-	-	-	-	-	-	-	-	17.00	-	X					
2-Chlorotoluene	327	327	-	-	-	-	-	-	-	-	160.00	-	X					
2-Hexanone	327	327	-	-	-	-	-	-	-	-	40.00	-	X					
2-Methylnaphthalene	147	107	40	-	40	-	0.01	15.1	MW-6A_2002	0.44	32.00	No		X				
2-Methylphenol (o-Cresol)	106	106	-	-	-	-	-	-	-	-	26.97	-	X					
2-Nitroaniline	106	106	-	-	-	-	-	-	-	-	-	-	X					
2-Nitrophenol	106	106	-	-	-	-	-	-	-	-	-	-	X					

Table 4 - Groundwater Statistics and Screening Process

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	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (ug/L)μ	Maximum Detection (μg/L)	Sample Name of Maximum Detection	Mean of Detected Values (μg/L)	PCUL (μg/L)	Maximum Detection Exceeds 2X PCUL	Not Detected	Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL <10	In Other Chemical Lists		
3,3'-Dichlorobenzidine	105	105	-	-	-	105	-	-	-	-	3.3E-03	-	X					
3-Nitroaniline	106	106	-	-	-	-	-	-	-	-	-	-	X					
4,4'-DDT	22	22	-	-	-	22	-	-	-	-	1.0E-03	-	X					
4,6-Dinitro-2-methylphenol	106	106	-	-	-	106	-	-	-	-	7.00	-	X					
4-Bromophenyl phenyl ether	106	106	-	-	-	-	-	-	-	-	-	-	X					
4-Chloro-3-methylphenol	106	106	-	-	-	-	-	-	-	-	36.00	-	X					
4-Chloroaniline	106	106	-	-	-	-	-	-	-	-	2295.92	-	X					
4-Chlorophenyl phenyl ether	106	106	-	-	-	-	-	-	-	-	-	-	X					
4-Chlorotoluene	327	327	-	-	-	-	-	-	-	-	-	-	X					
4-Isopropyltoluene	327	326	1	-	-	-	3.7	3.7	MW-6A_2002	3.70	-	-		X		X		
4-Methylphenol	106	104	2	-	2	-	2.2	7.6	MW-47B_2011	4.90	800.00	No		X				
4-Nitroaniline	106	106	-	-	-	-	-	-	-	-	-	-	X					
4-Nitrophenol	106	106	-	-	-	-	-	-	-	-	-	-	X					
Acenaphthene	126	96	30	1	29	-	0.01	7.4	MW-24A_2002	1.32	5.34	No			X			
Acenaphthylene	119	109	10	-	-	-	0.01	0.26	MW-24A_2002	0.08	-	-		X		X		
Acetone	363	281	82	-	82	-	1.1	5550	MW-14A_2002	71.28	7200.00	No		X				
Acrolein	244	244	-	-	-	244	-	-	-	-	1.10	-	X					
Acrylonitrile	244	244	-	-	-	244	-	-	-	-	0.03	-	X					
Aldrin	22	22	-	-	-	22	-	-	-	-	4.1E-08	-	X					
alpha-BHC	22	22	-	-	-	22	-	-	-	-	4.8E-05	-	X					
Anthracene	129	108	21	-	21	-	0.01	0.13	MW-6A_2002	0.03	2.15	No		X				
Aroclor-1016	109	109	-	-	-	-	-	-	-	-	-	-				X		
Aroclor-1221	109	109	-	-	-	-	-	-	-	-	-	-				X		
Aroclor-1232	109	109	-	-	-	-	-	-	-	-	-	-				X		
Aroclor-1242	109	109	-	-	-	-	-	-	-	-	-	-				X		
Aroclor-1248	109	109	-	-	-	-	-	-	-	-	-	-				X		
Aroclor-1254	109	97	12	-	-	-	0.006	0.25	MW16A_2011	0.07	-	-				X		
Aroclor-1260	109	109	-	-	-	-	-	-	-	-	-	-				X		
Benzene	360	338	22	-	22	-	0.2	0.5	MW-6A_2002	0.39	1.60	No		X				
Benzo(a)anthracene	141	136	5	5	-	136	0.002	0.03	MW-6A_2002	0.01	1.6E-04	Yes				X		
Benzo(a)pyrene	141	137	4	4	-	137	0.003	0.02	MW-15A_2019	0.01	1.6E-05	Yes			X	X		
Benzo(b)fluoranthene	127	121	6	6	-	121	0.001	0.01	MW-8A_2002 and MW-6A_2002	0.005	1.6E-04	Yes				X		
Benzo(g,h,i)perylene	109	106	3	-	-	-	0.01	0.024	MW-42A_2006	0.01	-	-				X		
Benzo(k)fluoranthene	127	126	1	1	-	126	0.01	0.01	MW-6A_2002	0.01	1.6E-03	Yes				X		
Benzoic acid	106	106	-	-	-	-	-	-	-	-	589.33	-	X					
Benzyl alcohol	106	105	1	-	-	-	5.7	5.7	MW-29C_2006	5.70	-	-		X				
Bis(2-chloro-1-methylethyl) ether	106	106	-	-	-	-	-	-	-	-	103.81	-	X					
Bis(2-chloroethoxy)methane	106	106	-	-	-	-	-	-	-	-	-	-	X					

Table 4 - Groundwater Statistics and Screening Process

Analyte	Sample Statistics											Elimination Criteria					Exceed Concentration Protective of Air	Retained as COC
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (ug/L)μ	Maximum Detection (μg/L)	Sample Name of Maximum Detection	Mean of Detected Values (μg/L)	PCUL (μg/L)	Maximum Detection Exceeds 2X PCUL	Not Detected	Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL <10	In Other Chemical Lists		
Bis(2-chloroethyl)ether	106	106	-	-	-	106	-	-	-	-	0.06	-	X					
Bis(2-ethylhexyl) phthalate	140	96	44	44	-	96	0.2	50	MW-28B_2006	5.69	0.05	Yes					X	
Bromobenzene	327	327	-	-	-	-	-	-	-	-	64.00	-	X					
Bromochloromethane	327	327	-	-	-	-	-	-	-	-	-	-	X					
Bromoethane	244	244	-	-	-	-	-	-	-	-	-	-	X					
Bromoform	327	326	1	-	1	-	0.4	0.4	MW-36_2008	0.40	12.00	No		X				
Bromomethane	327	327	-	-	-	-	-	-	-	-	12.85	-	X					
Butyl benzyl phthalate	106	101	5	5	-	101	1.3	3.4	MW-26C_2006	2.08	0.01	Yes				**		
Carbazole	106	105	1	-	-	-	2	2	MW-24A_2002	2.00	-	-			X			
Carbon disulfide	327	324	3	-	3	-	0.2	0.4	MW-49B_2011	0.27	398.51	No		X				
Carbon tetrachloride	327	327	-	-	-	140	-	-	-	-	0.35	-	X					
Chlorobenzene	327	325	2	-	2	-	0.85	1	MW-16A_2011	0.93	200.00	No		X				
Chloroethane	358	322	36	-	36	-	0.2	240	MW-37A_2009	27.74	18526.32	No		X				
Chloroform	358	337	21	2	19	-	0.2	1.4	MW-29C_2006	0.50	1.19	No			X			
Chloromethane	327	321	6	-	6	-	0.3	0.5	MW-37A_2009	0.35	153.43	No		X				
Chrysene	141	133	8	2	6	16	0.003	0.06	MW-6A_2002	0.02	0.02	Yes				X		
cis-1,2-Dichloroethylene	390	151	239	-	-	-	0.06	480	MW-28A_2002	20.10	-	No				X		
cis-1,3-Dichloropropene	327	327	-	-	-	-	-	-	-	-	2.00	-	X					
cis-Chlordane	22	22	-	-	-	-	-	-	-	-	-	-	X					
Dibenz(a,h)anthracene	141	141	-	-	-	141	-	-	-	-	1.6E-05	-	X			X		
Dibenzofuran	115	105	10	-	-	-	0.01	3.25	MW-6A_2002	0.37	-	-				X		
Dibromochloromethane	327	327	-	-	-	-	-	-	-	-	2.20	-	X					
Dibromomethane	327	327	-	-	-	-	-	-	-	-	93.06	-	X					
Dibutyl phthalate	106	94	12	-	12	-	1	2	MW-14A_2006	1.32	8.00	No		X				
Dichlorobromomethane	327	327	-	-	-	-	-	-	-	-	1.82	-	X					
Dichlorodifluoromethane	83	83	-	-	-	-	-	-	-	-	5.65	-	X					
Dieldrin	22	22	-	-	-	22	-	-	-	-	1.E-06	-	X					
Diesel range hydrocarbons	111	100	11	6	5	-	200	9200	MW-6A_2002	1444.18	500.00	Yes					**	
Diethyl phthalate	106	105	1	-	1	-	1.7	1.7	MW-29C_2006	1.70	92.55	No		X				
Dimethyl phthalate	106	106	-	-	-	-	-	-	-	-	600.00	-	X					
Di-n-octyl phthalate	106	106	-	-	-	-	-	-	-	-	160.00	-	X					
Ethylbenzene	330	326	4	-	4	-	0.2	2.4	MW-6A_2002	0.75	6.17	No		X				
Ethylene dibromide	327	327	-	-	-	140	-	-	-	-	0.27	-	X					
Fluoranthene	120	108	12	-	12	-	0.01	0.16	MW-7A_2006	0.07	1.82	No		X				
Fluorene	120	105	15	1	14	-	0.014	6.35	MW-6A_2002	0.86	3.67	No			X			
gamma-BHC (Lindane)	22	22	-	-	-	-	-	-	-	-	0.13	-		X				
Gasoline range hydrocarbons	109	104	5	1	3	-	250	2300	MW-6A_2002	827.50	800.00	Yes				X	**	
Heptachlor	22	22	-	-	-	22	-	-	-	-	3.4E-07	-	X					

Table 4 - Groundwater Statistics and Screening Process

Analyte	Sample Statistics											Elimination Criteria					Exceed Concentration Protective of Air	Retained as COC
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (ug/L)μ	Maximum Detection (μg/L)	Sample Name of Maximum Detection	Mean of Detected Values (μg/L)	PCUL (μg/L)	Maximum Detection Exceeds 2X PCUL	Not Detected	Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL <10	In Other Chemical Lists		
Hexachlorobenzene	110	110	-	-	-	110	-	-	-	-	5.0E-06	-	X					
Hexachlorobutadiene	331	331	-	-	-	309	-	-	-	0.01	-	X						
Hexachlorocyclopentadiene	106	106	-	-	-	106	-	-	-	0.22	-	X						
Hexachloroethane	106	106	-	-	-	106	-	-	-	0.02	-	X						
Indeno(1,2,3-cd)pyrene	141	135	6	6	-	135	0.003	0.01	MW-42A_2006 and MW-6A_2002 and MW-8A_2002	0.01	1.6E-04	Yes	-			X		
Isophorone	106	106	-	-	-	-	-	-	-	110.00	-	X						
Isopropylbenzene	327	322	5	-	5	-	0.5	6.65	MW-16A_2006	3.56	715.29	No		X				
Lube oil range hydrocarbons	111	107	4	-	2	1	196	833	MW-6A_2004	375.75	500.00	No		X			**	
Methyl ethyl ketone	327	325	2	-	2	-	4	12950	MW-14A_2002	6477.00	1746565	No		X				
Methyl iodide	244	244	-	-	-	-	-	-	-	-	-	X						
Methyl isobutyl ketone	327	326	1	-	1	-	875	875	MW-14A_2002	875.00	469589.04	No		X				
Methyl tert-butyl ether	80	80	-	-	-	-	-	-	-	604.74	-	X						
Methylene chloride	329	318	10	-	10	-	0.3	2.8	MW-26A_2007	0.97	100.00	No		X				
Naphthalene	372	328	44	-	44	39	0.00001	0.007933333	MW-6A_2002	0.00	1.40	No		X		X		
n-Butylbenzene	327	322	5	-	5	-	0.2	7.1	MW-6A_2002	2.07	400.00	No		X				
n-Hexane	72	72	-	-	-	-	-	-	-	-	-	X						
Nitrobenzene	106	106	-	-	-	-	-	-	-	100.00	-	X						
n-Nitrosodi-n-propylamine	106	106	-	-	-	106	-	-	-	0.06	-	X						
n-Nitrosodiphenylamine	106	106	-	-	-	106	-	-	-	0.69	-	X						
n-Propylbenzene	327	321	6	-	6	-	0.3	11	MW-16A_2006	5.03	2254.19	No		X				
o-Xylene	328	323	5	-	5	-	0.2	3.6	MW-6A_2002	0.94	431.70	No		X		X		
Pentachlorophenol	106	106	-	-	-	106	-	-	-	2.0E-03	-	X						
Phenanthrene	135	105	30	-	-	-	0.01	2.4	MW-6A_2002	0.14	-	-				X		
Phenol	106	106	-	-	-	-	-	-	-	365.17	-	X						
Propylene Glycol	4	3	1	-	-	-	5000	5000	MW-9A_2002	5000.00	-	-				X		
Pyrene	129	107	22	-	22	-	0.01	1.4	MW-6A_2002	0.10	2.01	No		X				
sec-Butylbenzene	327	321	6	-	6	-	0.2	3.3	MW-6A_2002	1.36	800.00	No		X				
Styrene	327	327	-	-	-	-	-	-	-	8186.05	-	X						
tert-Butylbenzene	327	327	-	-	-	-	-	-	-	800.00	-	X						
Tetrachloroethylene	390	350	40	14	26	-	0.12	20.05	MW-8A_2006	3.44	2.90	Yes					X	
Toluene	329	318	11	-	11	-	0.2	41	MW-14A_2002	3.99	130.00	No		X		X		
Total antimony	38	25	13	-	13	-	0.2	0.8	MW-15A_2002	0.28	90.00	No		X				
Total arsenic	88	2	86	6	79	-	0.295	30.5	MW-48A_2019	3.23	8.00	Yes					**	
Total barium	5	-	5	-	5	-	9	20	MW-32A_2001	15.80	200.00	No		X				
Total beryllium	38	37	1	-	1	-	0.2	0.2	MW-19B_2002	0.20	76.00	No		X				
Total cadmium	43	42	1	-	1	-	0.3	0.3	MW-8A_2002	0.30	7.90	No		X				
Total chromium	44	21	23	-	-	-	0.6	15	MW-19B_2002	3.39	27.00	No		X				

Table 4 - Groundwater Statistics and Screening Process

Analyte	Sample Statistics											Elimination Criteria					Exceed Concentration Protective of Air	Retained as COC
	Sample Count	ND Count	Detect Count	Detect > PCUL Count	Detect < PCUL Count	ND > PCUL Count	Minimum Detection (ug/L)μ	Maximum Detection (μg/L)	Sample Name of Maximum Detection	Mean of Detected Values (μg/L)	PCUL (μg/L)	Maximum Detection Exceeds 2X PCUL	Not Detected	Not Detected Above PCUL	Not >2X PCUL and Percent of Detections that Exceed PCUL <10	In Other Chemical Lists		
Total copper	88	7	81	7	74	-	0.467	24.5	MW-48B-2011	3.63	8.00	Yes						**
Total cPAH TEQ	141	130	11	11	-	130	1.39E-03	2.26E-02	MW-45A and MW-46A and MW-49B	8.1E-03	1.60E-05	Yes						X
Total iron	31	-	31	1	30	-	50	34900	MW-48B-2011	12054.84	3.2E+04	No			X			
Total lead	57	41	16	-	16	5	0.2	3.3	MW-48B-2011	1.18	8.10	No		X				
Total manganese	3	-	3	3	-	-	797	947	MW-31A	887.33	2500	No		X				
Total mercury, inorganic	57	57	-	-	-	57	-	-	-	-	0.03	-	X					
Total nickel	52	-	52	1	51	-	0.7	9.2	MW-48B-2011	2.50	8.20	No			X			
Total PCB Aroclors	109	97	12	12	-	97	0.006	0.25	MW-16A_2011	0.07	7.0E-06	Yes						**
Total selenium	44	25	19	-	19	-	0.5	20	MW-35B_2002	2.61	71.00	No		X				
Total silver	57	57	-	-	-	6	-	-	-	-	1.90	-	X					
Total thallium	38	38	-	-	-	38	-	-	-	-	0.06	-	X					
Total xylenes	120	119	1	-	1	-	6.8	6.8	MW-8A_2000	6.80	331.59	No		X				
Total zinc	54	27	27	-	27	-	4	31	MW-48B-2011	9.26	81.00	No		X				
trans-1,2-Dichloroethylene	361	283	78	-	78	-	0.2	10	MW-28A_2001	1.94	1000	No		X				
trans-1,3-Dichloropropene	327	327	-	-	-	-	-	-	-	-	2.00	-	X					
trans-1,4-Dichloro-2-butene	244	244	-	-	-	-	-	-	-	-	-	-	X					
trans-Chlordane	22	22	-	-	-	-	-	-	-	-	-	-	X					
Trichloroethylene	390	197	193	138	52	107	0.05	369	MW-46A_2019	11.25	0.70	Yes					X	X
Trichlorofluoromethane	327	327	-	-	-	-	-	-	-	-	119.85	-	X					
Trichlorotrifluoroethane	244	244	-	-	-	-	-	-	-	-	1096.96	-	X					
Vinyl acetate	244	244	-	-	-	-	-	-	-	-	7808.55	-	X					
Vinyl chloride	390	201	189	170	18	180	0.01975	360	MW-29A_2000	10.97	0.18	Yes					X	X

NOTES:

** See text for further discussion on chemical.

Preliminary screening level is taken from the Washington State Department of Ecology, 2018 workbook for the Lower Duwamish Waterway based on non-potable groundwater.

> = greater than; < = less than; μg/L = micrograms per liter; 2X = two times; COC = chemical of concern; cPAH = carcinogenic polycyclic aromatic hydrocarbon; ND = non-detect; PCB = polychlorinated biphenyl; PCUL = Preliminary Cleanup Level; TEQ = toxicity equivalency quotient

Table 5 - Proposed Cleanup Levels

Analyte	Soil – Protection of Sediment or Surface Water ^a (mg/kg)	Soil - Background (mg/kg)	Human Health – MTCA Method A or B ^b (mg/kg)	Practical Quantitation Limit (mg/kg)	Soil – Protective of Vapor ^c (mg/kg)	Ground Water ^a (µg/L)	Groundwater – Protective of Indoor Air ^b (µg/L)	Practical Quantitation Limit (µg/L)	MTCA Method B Indoor Air ^b (µg/m ³)
Arsenic	—	7.3	—	—	—	8	—	—	—
Bis(2-ethylhexyl)phthalate	0.005/0.1	—	—	0.12	—	0.046	—	0.2	—
Cadmium	5.1	—	—	—	—	—	—	—	—
Chromium	2,600	—	—	—	—	—	—	—	—
Copper	—	36	—	—	—	8	—	—	—
Dichloroethane, 1,1-	—	—	—	—	—	—	11	—	1.56
Diesel-range hydrocarbons	—	—	—	—	—	500^d	—	—	—
Dioxin/furan TEQ	—	0.0000052	—	—	—	—	—	—	—
Gasoline-range hydrocarbons	—	—	100	—	250	1,000^d	—	—	1,400
Hexavalent chromium	0.096/19	—	—	—	—	50	—	—	—
Lead	—	—	250	—	—	—	—	—	—
Oil-range hydrocarbons	—	—	2,000	—	—	500^d	—	—	—
Tetrachloroethene	0.0016	—	—	—	—	2.9	—	—	9.62
Total cPAHs TEQ	0.0000022	—	—	0.005	—	0.000016	—	0.01	—
Total PCB aroclors	0.0000022	—	—	0.002	—	0.000007	—	0.01	—

Analyte	Soil – Protection of Sediment or Surface Water ^a (mg/kg)	Soil - Background (mg/kg)	Human Health – MTCA Method A or B ^b (mg/kg)	Practical Quantitation Limit (mg/kg)	Soil – Protective of Vapor ^c (mg/kg)	Ground Water ^a (µg/L)	Groundwater – Protective of Indoor Air ^b (µg/L)	Practical Quantitation Limit (µg/L)	MTCA Method B Indoor Air ^b (µg/m ³)
Trichloroethene	0.00027/0.0044	—	—	0.001	—	0.7	—	—	0.37
Vinyl chloride (chloroethylene)	0.000055 /0.001	—	—	0.001	—	0.18	—	—	0.28

NOTES:

- a. Washington State Department of Ecology’s (Ecology’s) Lower Duwamish Waterway (LDW) Preliminary Cleanup Levels (PCUL) Work Book (Ecology, 2018). Soil values are based on protection of sediment or surface water via leaching from saturated/unsaturated soil into non-potable groundwater or from bank spall at locations close to water (cadmium and chromium). For soil, the first value is saturated soil and the second value is unsaturated soil.
- b. Model Toxics Control Act (MTCA) Method A or B levels from the CLARC database (March 2019).
- c. Ecology Implementation Memo 14: Updated process for initially assessing the potential for petroleum vapor instruction. March 2016.
- d. A1 boring area is the one area with gasoline is impacted groundwater and the adjacent well MW-44A is the only location with diesel and oil impacted groundwater in 2019.

Bold = Selected proposed cleanup level for chemical in the media.

— = Not a selected cleanup level and/or chemical of concern for this media; cPAHs = carcinogenic polycyclic aromatic hydrocarbons; mg/kg = milligrams per kilogram; PCB = polychlorinated biphenyl; TEQ = toxicity equivalency quotient; µg/L = micrograms per liter; µg/m³ = micrograms per meter cubed

Table 6 - Proposed Soil Remediation Levels

Analyte	Human Health Method B Carcinogen ^a (mg/kg)	Human Health Method B Non-Carcinogen ^a (mg/kg)	Proposed Remediation Level ^b (mg/kg)
Arsenic	—	—	14.6
Bis(2-ethylhexyl)phthalate	71.4	1,600	71.4
Copper	—	3,200	250
Oil-range hydrocarbons	—	—	4,000
Tetrachloroethene	476	480	5
Total cPAHs TEQ	—	—	0.6
Total PCB aroclors	—	—	0.5
Trichloroethene	12	40	5
Vinyl chloride	0.67	—	5

NOTES:

a. Model Toxics Control Act (MTCA) Method B direct contact levels from the CLARC database (March 2019).

b. See text for discussion on selection procedure for remediation levels.

— = Not a criteria selected for this media; cPAHs = carcinogenic polycyclic aromatic hydrocarbons; mg/kg = milligrams per kilogram; PCB = polychlorinated biphenyl; TEQ = toxicity equivalency quotient

Table 7 – Soil Chemicals of Concern Mass Calculations

Chemical	Remediation Level (mg/kg)	Mass of COCs on Site (kg)	Mass of COCs Removed from Proposed Excavations (kg)	% Total COCs Removed
Polychlorinated biphenyls	0.5	0.098	0.078	80.0
Carcinogenic polycyclic aromatic hydrocarbons	0.6	0.080	0.063	79.5
Arsenic	14.6	2.03	1.32	65.0
Copper	250	104	95.8	92.1
Trichloroethene	5	1.034	0.835	80.8
Total		107.24	98.10	91.5

NOTE:

COCs = chemicals of concern; kg = kilograms; mg/kg = milligrams per kilogram

Table 8 - Proposed Halogenated VOCs Groundwater Remediation Levels

Area	Trichloroethene (µg/l)	Vinyl Chloride (µg/l)
Plume at MW-14A/G0	5	1
Plume east of existing AS/SVE	1	0.5

NOTES:

AS/SVE = air sparging/soil vapor extraction; VOCs = volatile organic compounds; µg/l = micrograms per liter

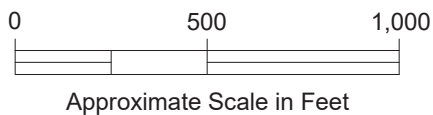
Table 9 – Summary of Chemicals of Concern, Areas of Concern, and Selected Remedies

Analyte	Soil				Groundwater				Air			
	COC Location(s)a	Area of Concern Location(s)b	Selected Remedyc	Comment	COC Location(s)a	Area of Concern Location(s)b	Selected Remedyc	Comment	COC Location(s)a	Area of Concern Location(s)b	Selected Remedyc	Comment
Arsenic	SFA-S15-3 and BY-3	SFA-S15-3 (Area 6) and BY-3 (Area 5)	Removal (Areas 5 and 6)	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl) phthalate	Sitewide	—	—	Below proposed RL	Sitewide	—	—	Isolated detections; no indication of migration; ongoing monitoring	—	—	—	—
Cadmium	BY-1	BY-1 (Area 5)	Removal (Area 5)	—	—	—	—	—	—	—	—	—
Chromium	BY-1	—	—	Below CUL; will be removed with Area 5 exc.	—	—	—	—	—	—	—	—
Copper	Sitewide	DG11-11 (Area 3) SS-SW-04 and 05 BY-1 and MW-43A	Removal (Area 3) Removal (Area 4) Removal (Area 5)	—	HVOC plume MW-41A	HVOC plume Near Areas 3, 4 and 5	HVOC Remedy Excavation of soil	Indirect concurrent with HVOCs; ongoing monitoring	—	—	—	—
Dichloroethane, 1,1-	—	—	—	—	MW-15A	MW-15A	ERD	—	MW-15A	MW-15A	Sub-slab Depress. and Vapor Barrier	May not be required
Diesel-range hydrocarbons	—	—	—	—	Vicinity of A1 (A1 and MW-44A)	Vicinity of A1 (A1 and MW-44A)	ISCO	—	—	—	—	—
Gasoline-range hydrocarbons	Vicinity of A1, DG11-12, and FWW-1	Vicinity of A1 DG11-12 (Area 3)	ISCO Removal (Area 3)	— —	Vicinity of A1 (A1)	Vicinity of A1 (A1)	ISCO	—	FWW-1	FWW-1 (Area 7)	Removal	—
Hexavalent chromium	WP-4 and WP-6	WP-4 and WP-6	Removal (Contingent)	Contingent on groundwater sampling	—	—	—	—	—	—	—	—
Lead	Former southwest storage area and B3	Former southwest storage area (Area 5) B3	Removal (Area 5) Inaccessible	— Below remediation system	—	—	—	—	—	—	—	—
Oil-range hydrocarbons	E7-S2-2 and former southwest storage area	E7-S2-2 Former southwest storage area (Area 5)	ISCO Removal (Area 5)	— —	Vicinity of A1 (A1 and MW-44A)	Vicinity of A1 (A1 and MW-44A)	ISCO	—	—	—	—	—
Tetrachloroethene	HVOC plume	—	—	Below proposed RL	HVOC plume	HVOC plume	ERD, ISCO, AS/SVE Ext.	—	—	—	—	—
Total cPAHs TEQ	Sitewide	EH4-S-1.5 and EH4-W-1.5 (Area 2) and DS-2 (Area 5)	Removal (Areas 2 and 5)	—	Sitewide	—	—	No AOCs identified ^d	—	—	—	—
Total dioxins/furans TEQ	C6 and DG11-1	C6 and DG11-1 (Area 4)	Removal (Area 4)	—	—	—	—	—	—	—	—	—
Total PCB aroclors	Sitewide	DG11-1 (Area 4) SSBOT-03 SWS-1 (Area 5) DG11-11 (Area 3)	Removal (Area 4) Inaccessible Removal (Area 5) Removal (Area 3)	— Below stormwater vault — —	MW-16A, MW-30A, MW-34A	MW-16A and MW-34A MW-30A	PCB-Caulk Removal Removal	— Will be addressed by Area 5 exc.	—	—	—	—

Analyte	Soil				Groundwater				Air			
	COC Location(s)a	Area of Concern Location(s)b	Selected Remedyc	Comment	COC Location(s)a	Area of Concern Location(s)b	Selected Remedyc	Comment	COC Location(s)a	Area of Concern Location(s)b	Selected Remedyc	Comment
Trichloroethene	HVOC plume	G0 (Area 1)	Removal (Area 1)		HVOC plume	HVOC plume	ERD, ISCO, AS/SVE Ext.	—	HVOC plume	HVOC plume	Sub-slab Depress.	May not be required
Vinyl chloride	HVOC plume	—	—	Below proposed RL	HVOC plume	HVOC plume	ERD, ISCO, AS/SVE Ext.	—	HVOC plume	HVOC plume	Sub-slab Depress.	May not be required

NOTES:

- a. Location(s) at which the analyte has been retained as a COC. See Tables 3 and 4 for COC evaluation for soil and groundwater, respectively.
- b. Area of Concern location(s) at which the compound is present at levels above proposed remediation level.
- c. Selected remedy to address the analyte at the Area of Concern.
- d. Though total cPAHs TEQ is a sitewide COC in groundwater, wells in which detections exceeded two times the cleanup level were either subsequently sampled with results below two times the cleanup level or were at locations with other nearby downgradient monitoring wells to demonstrate that contamination at the well is not migrating. Therefore, no Area of Concern was identified for total cPAHs TEQ.
- e. — = Not applicable; AS/SVE = air stripping/soil vapor extraction; COC = chemical of concern; cPAHs = carcinogenic polycyclic aromatic hydrocarbons; Depress. = depressurization; ERD = enhanced reductive dechlorination; Exc. = excavation; Ext. = extension; HVOC = halogenated volatile organic compounds; ISCO = in-situ chemical oxidation; PCB = polychlorinated biphenyl; RL = remediation level; TEQ = toxicity equivalency quotient



NOTE

Bing Map Image adapted from aerial imagery provided by Autodesk Live Maps and Microsoft Bing Maps reprinted with permission from Microsoft Corporation.

8801 East Marginal Way South
Tukwila, Washington

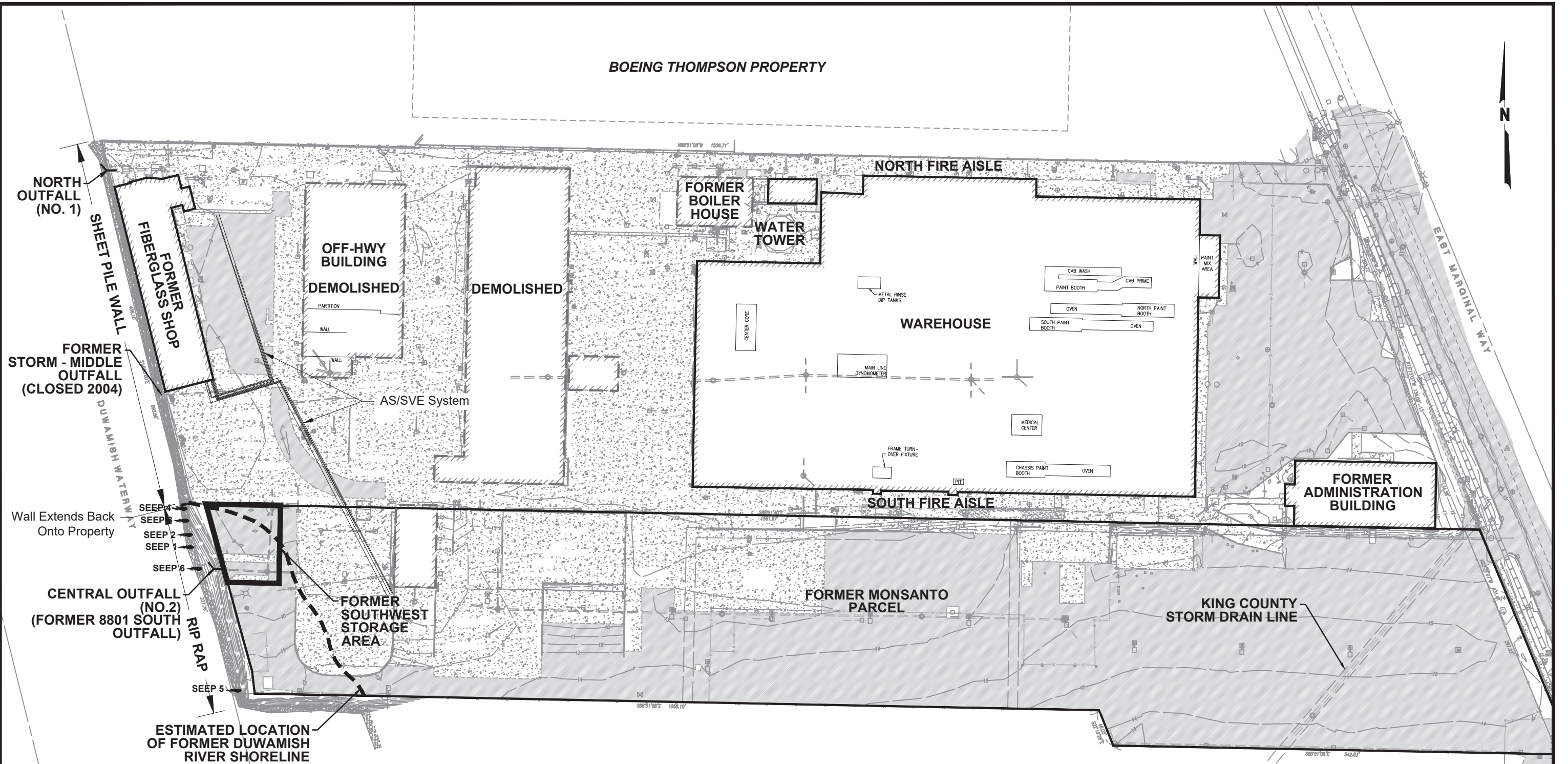
VICINITY MAP

June 2019

21-1-12567-014



FIG. 1



BOEING THOMPSON PROPERTY



NORTH OUTFALL (NO. 1)

FORMER STORM - MIDDLE OUTFALL (CLOSED 2004)

Wall Extends Back Onto Property

CENTRAL OUTFALL (NO.2) (FORMER 8801 SOUTH OUTFALL)

ESTIMATED LOCATION OF FORMER DUWAMISH RIVER SHORELINE

CONTAINER PROPERTIES LLC

(INSURANCE AUTO AUCTIONS INCORPORATED VEHICLE STORAGE ON BOTH 8801 AND CONTAINER PROPERTIES PARCELS)

MUSEUM OF FLIGHT

FORMER ADMINISTRATION BUILDING

NOTE

Figure adapted from AMEC 14995-L-32.dwg dated 05/2013, and 14995-L-16.dwg dated November 2010.

8801 East Marginal Way South
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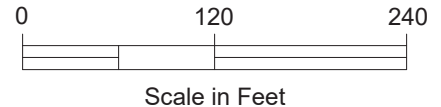
KEY PROPERTY FEATURES

June 2019 21-1-12567-014



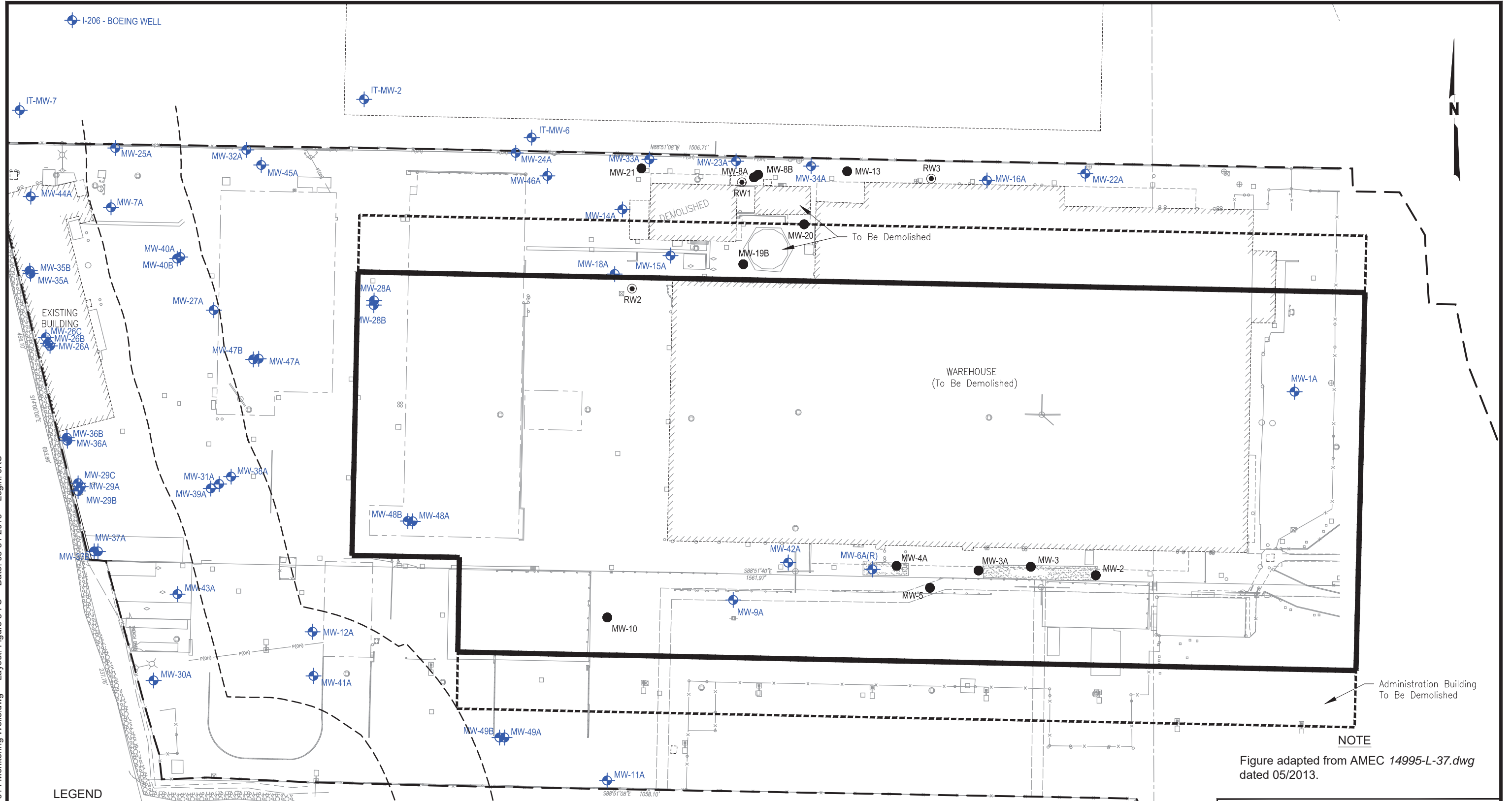
FIG. 2

- LEGEND**
- Existing Buildings
 - Former Buildings
 - AS/SVE Air Sparge/Soil Vapor Extraction



Filename: J:\21112567\014\21-1-12567-014 Key Site Features.dwg Layout: Figure 2-FS Date: 05-31-2019 Login: JRS

Filename: J:\21112567\014\21-1-12567-014 Monitoring Wells.dwg Layout: Figure 3-FS Date: 05-31-2019 Login: JRS



LEGEND

- MW-35B MONITORING WELLS
- A - SCREEN INSTALLED IN ZONE A AQUIFER
- B - SCREEN INSTALLED IN ZONE B AQUIFER
- C - SCREEN INSTALLED IN ZONE C AQUIFER
- RW3 RECOVERY WELLS
- MW-21 WELLS REMOVED OR COVERED

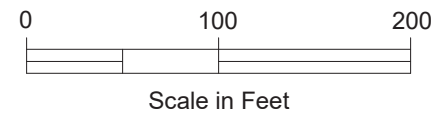
LEGEND

- Conceptual Building Footprint
- Conceptual Canopy
- Shoreline Buffer

NOTE: LOCATION OF MW-17 WAS NOT IDENTIFIED IN PREVIOUS INVESTIGATION REPORTS.

NOTE

Figure adapted from AMEC 14995-L-37.dwg dated 05/2013.



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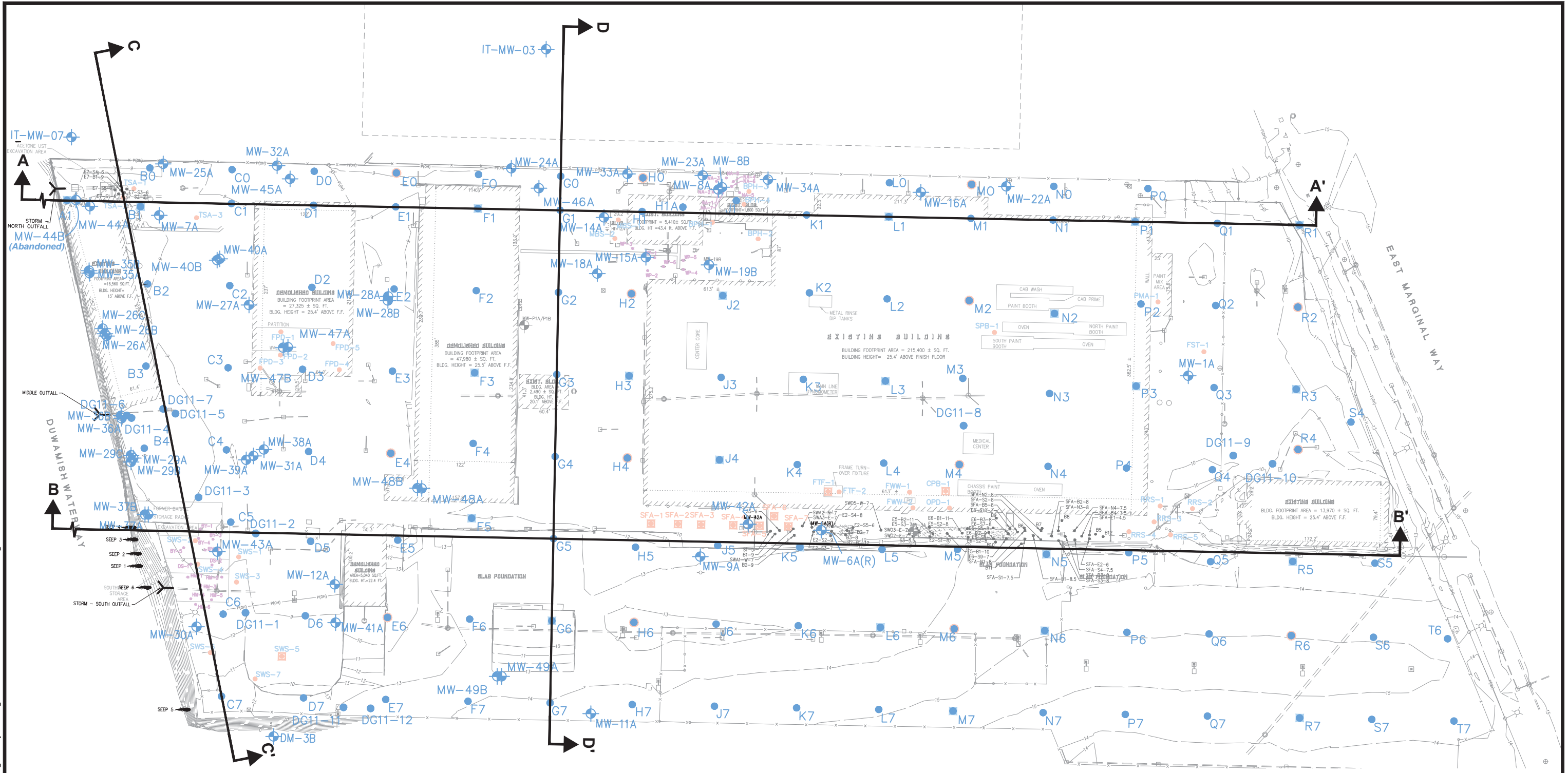
PROPOSED DEVELOPMENT

June 2019

21-1-12567-014

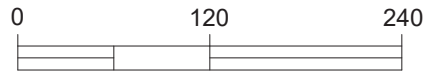


Filename: J:\21112567\01421-1-12567-014 Profiles.dwg Layout: Figure 4-FS Date: 05-31-2019 Login: JRS



LEGEND

- MW-47A Groundwater Monitoring Well
- DG11-8 Soil Sample Designations
- SFA-1 Soil Sample Designations
- TSA-3 Soil Sample Designations
- Historic Sample Designation
- Previous Soil Sample
- A Generalized Subsurface Profile (See Figures 4 through 7)



Scale in Feet
Contour Interval = 1 Foot
Datum = NGVD29

NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.



8801 East Marginal Way South
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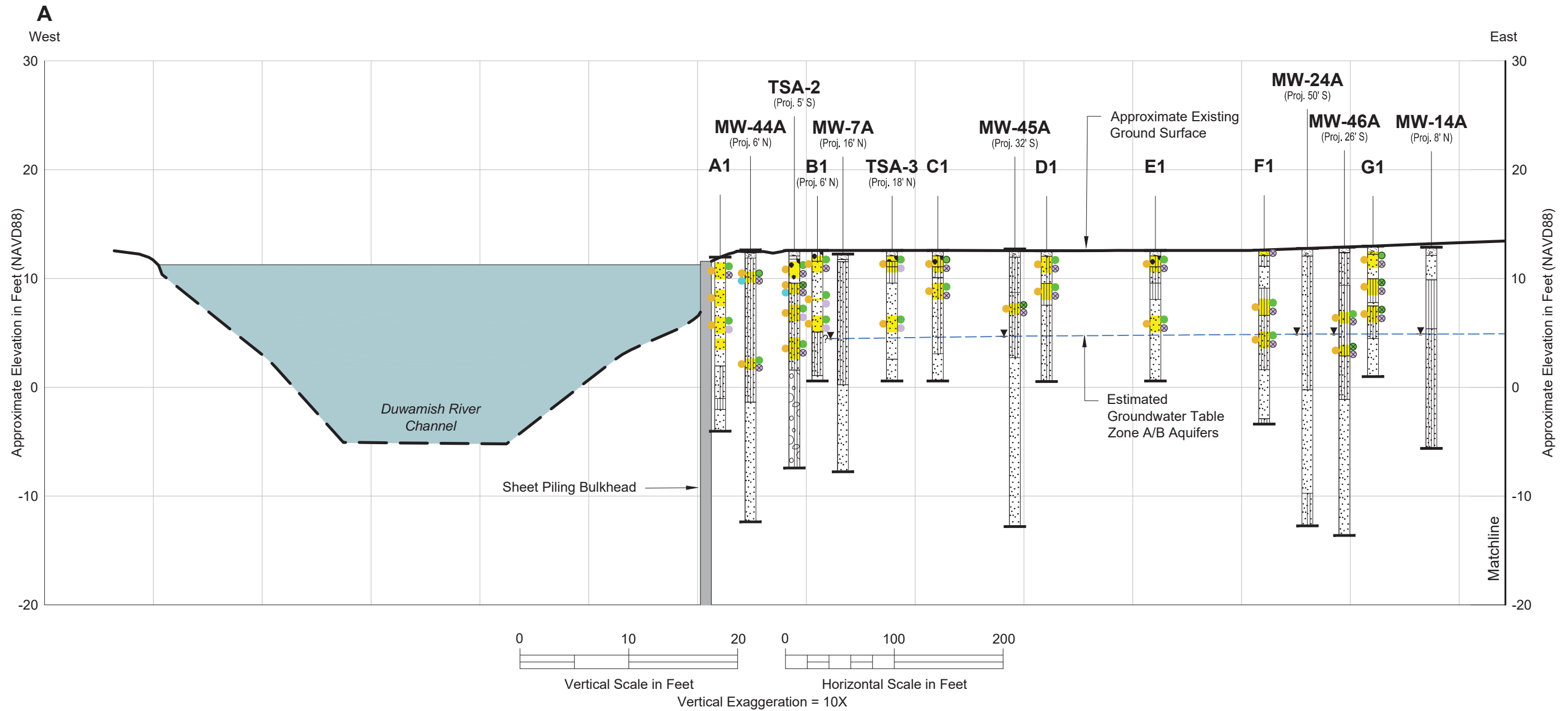
PROFILE LOCATION PLAN

June 2019

21-1-12567-014

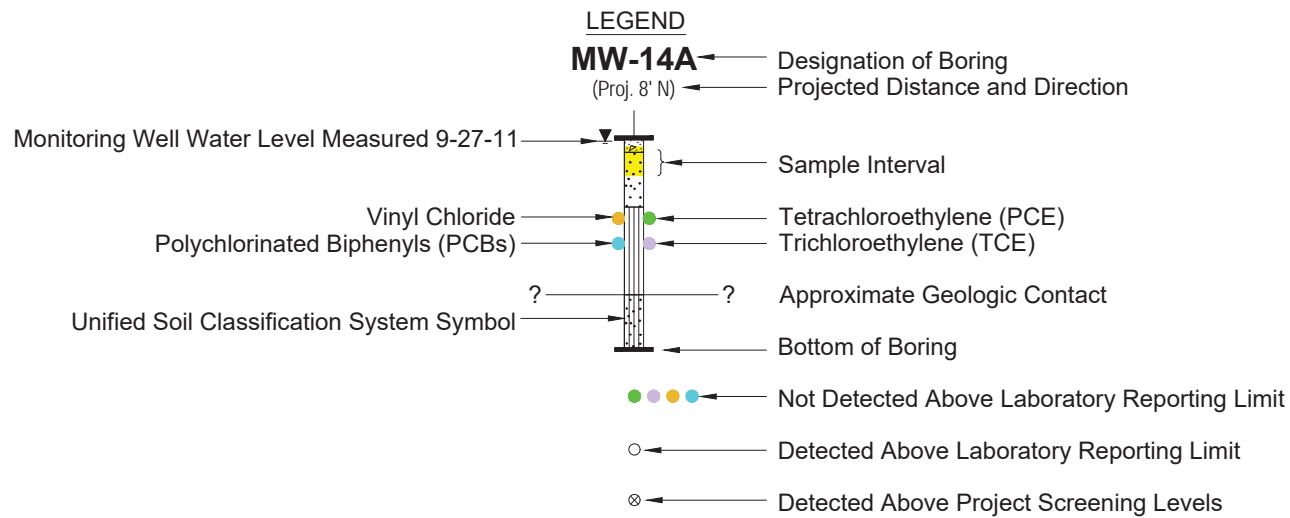


FIG. 4



NOTES

1. Ground surface adapted from client file, *xBase.dwg* and field reconnaissance.
2. Groundwater depths taken from groundwater monitoring event September 27, 2011.
3. This subsurface profile is generalized from materials observed in soil borings. Variations may exist between profile and actual conditions.



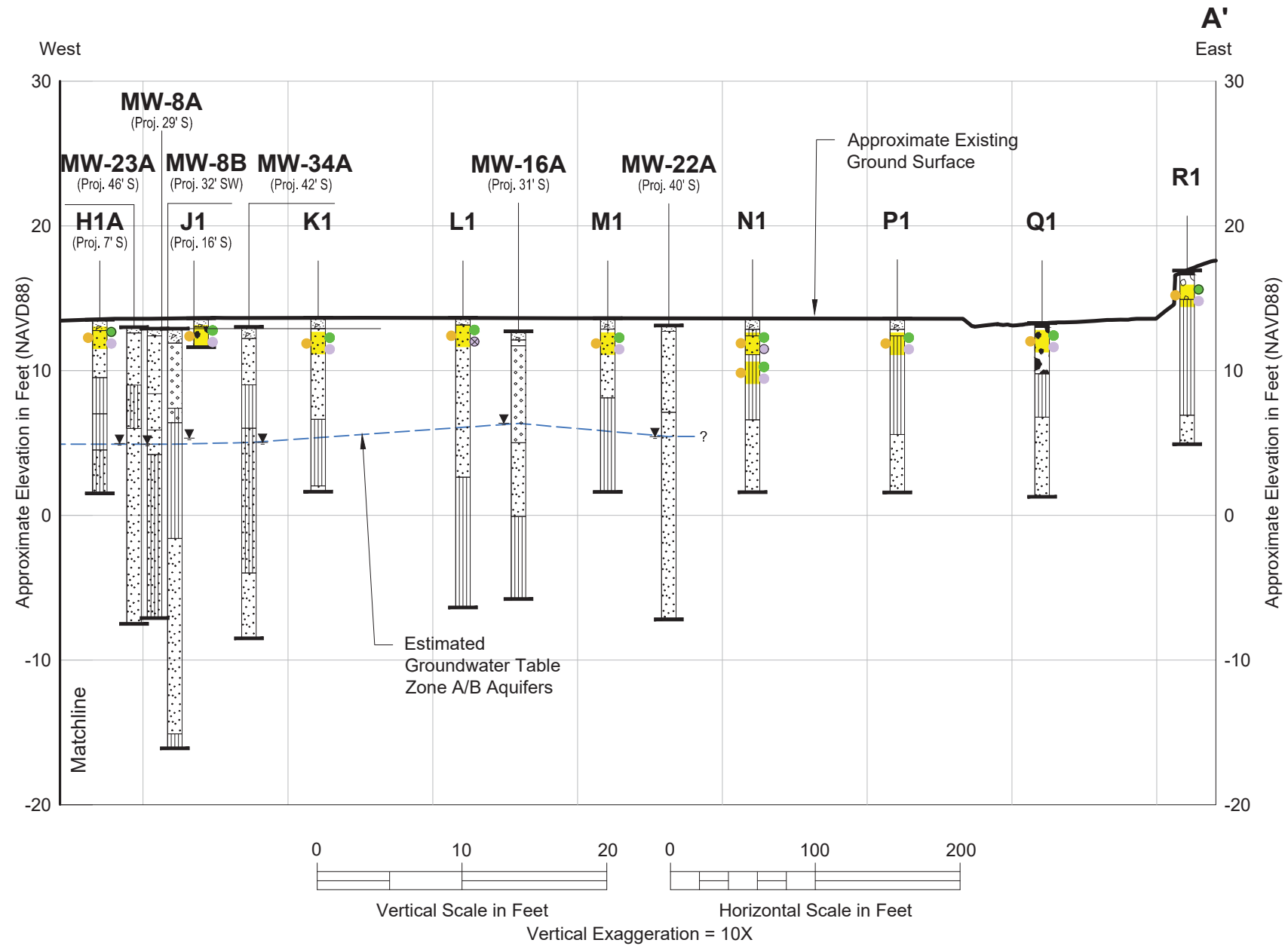
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**GENERALIZED SUBSURFACE
PROFILE A-A'**

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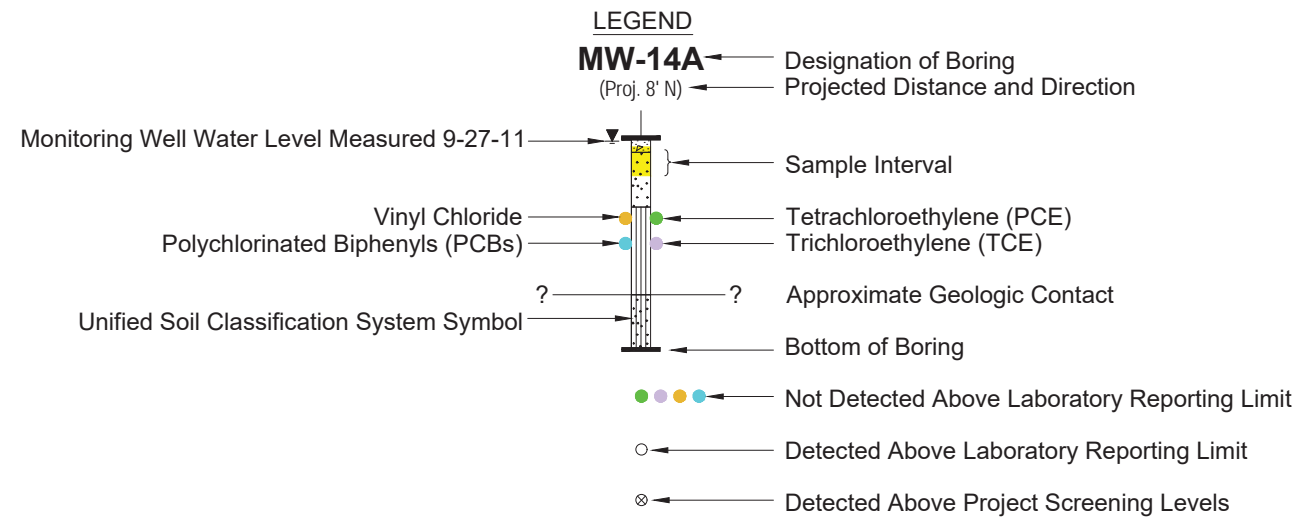
FIG. 5
Sheet 1 of 2



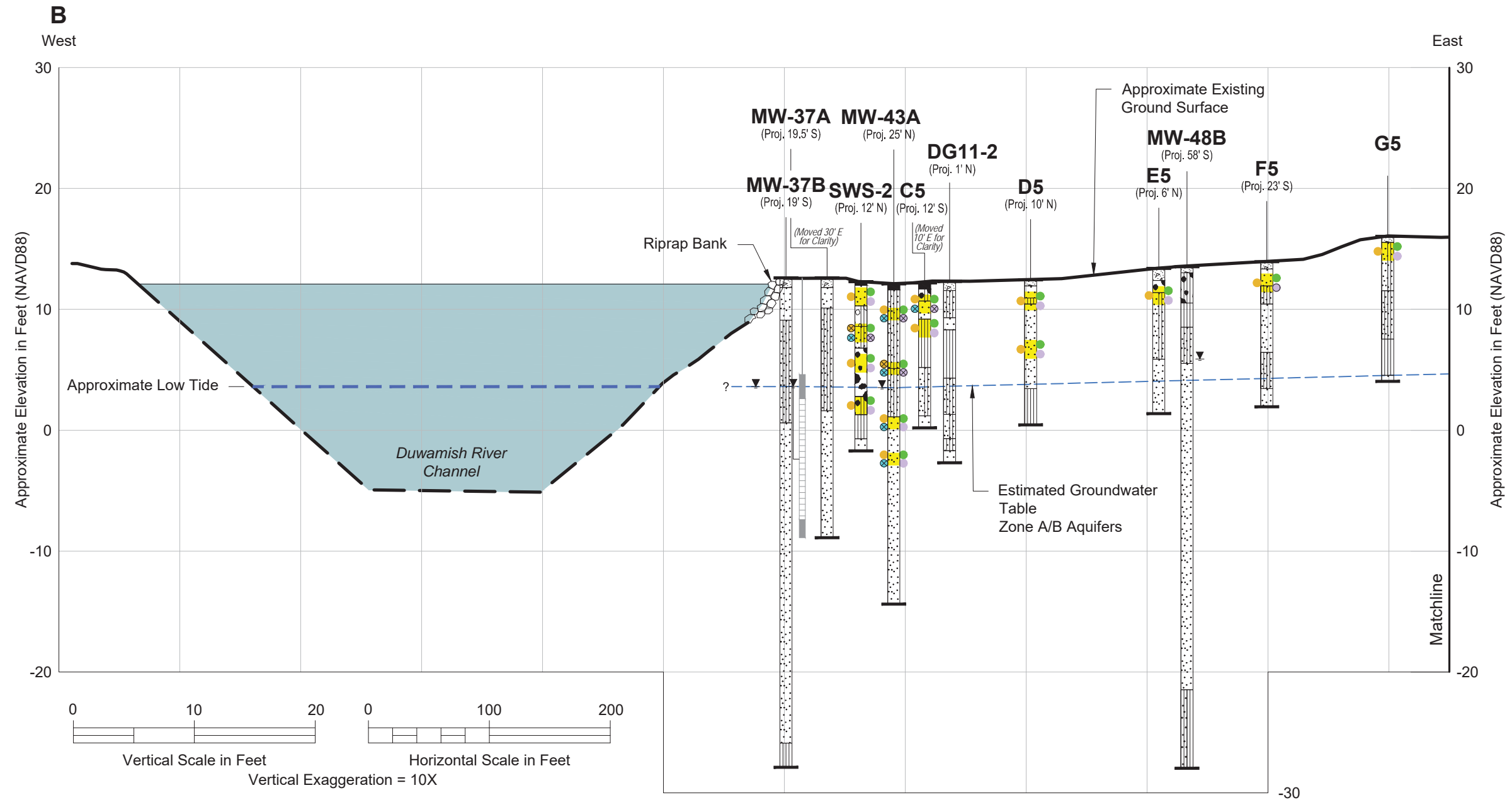
Filename: J:\21112567\014\21-1-12567-014 Profiles.dwg Layout: Figure 5 S2-FS Date: 06-03-2019 Login: JRS

NOTES

1. Ground surface adapted from client file, *xBase.dwg* and field reconnaissance.
2. Groundwater depths taken from groundwater monitoring event September 27, 2011.
3. This subsurface profile is generalized from materials observed in soil borings. Variations may exist between profile and actual conditions.



8801 East Marginal Way South Tukwila, Washington	
GENERALIZED SUBSURFACE PROFILE A-A'	
June 2019	21-1-12567-014
SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS	FIG. 5 Sheet 2 of 2



NOTES

1. Ground surface adapted from client file, *xBase.dwg* and field reconnaissance.
2. Groundwater depths taken from groundwater monitoring event September 27, 2011.
3. This subsurface profile is generalized from materials observed in soil borings. Variations may exist between profile and actual conditions.

LEGEND

MW-14A (Proj. 8' N)

Monitoring Well Water Level Measured 9-27-11

Sample Interval

Vinyl Chloride
Polychlorinated Biphenyls (PCBs)

Tetrachloroethylene (PCE)
Trichloroethylene (TCE)

? Approximate Geologic Contact

Unified Soil Classification System Symbol

Bottom of Boring

● ● ● ● Not Detected Above Laboratory Reporting Limit

○ Detected Above Laboratory Reporting Limit

⊗ Detected Above Project Screening Levels

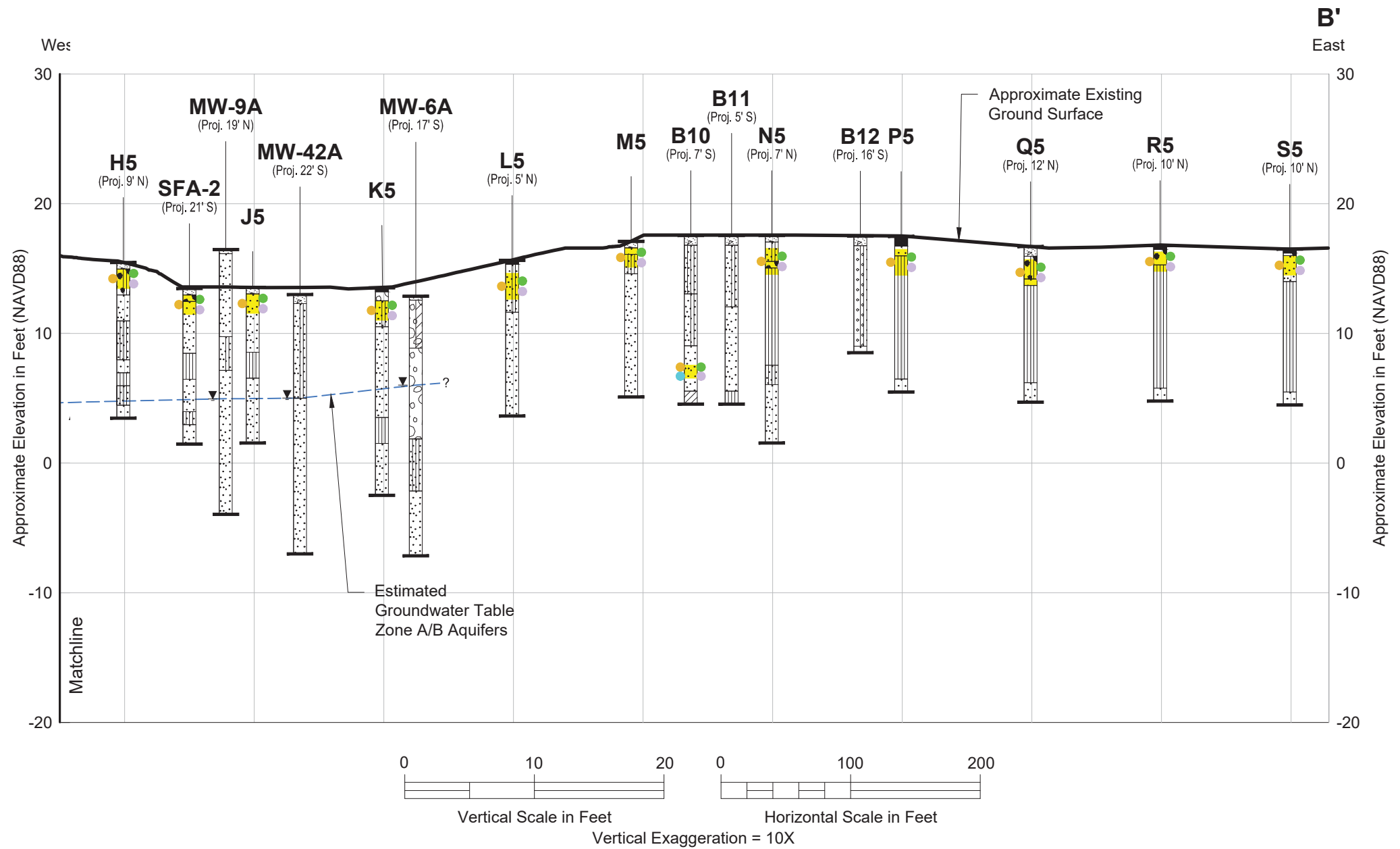
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Tukwila, Washington

**GENERALIZED SUBSURFACE
PROFILE B-B'**

June 2019 21-1-12567-014

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FIG. 6
Sheet 1 of 2



NOTES

1. Ground surface adapted from client file, *xBase.dwg* and field reconnaissance.
2. Groundwater depths taken from groundwater monitoring event September 27, 2011.
3. This subsurface profile is generalized from materials observed in soil borings. Variations may exist between profile and actual conditions.

LEGEND

MW-14A ← Designation of Boring
 (Proj. 8' N) ← Projected Distance and Direction

Monitoring Well Water Level Measured 9-27-11 →

Sample Interval →

Vinyl Chloride → Tetrachloroethylene (PCE) →
 Polychlorinated Biphenyls (PCBs) → Trichloroethylene (TCE) →

? → Approximate Geologic Contact

Unified Soil Classification System Symbol →

Bottom of Boring →

● ● ● ● ← Not Detected Above Laboratory Reporting Limit

○ ← Detected Above Laboratory Reporting Limit

⊗ ← Detected Above Project Screening Levels

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 Tukwila, Washington

**GENERALIZED SUBSURFACE
 PROFILE B-B'**

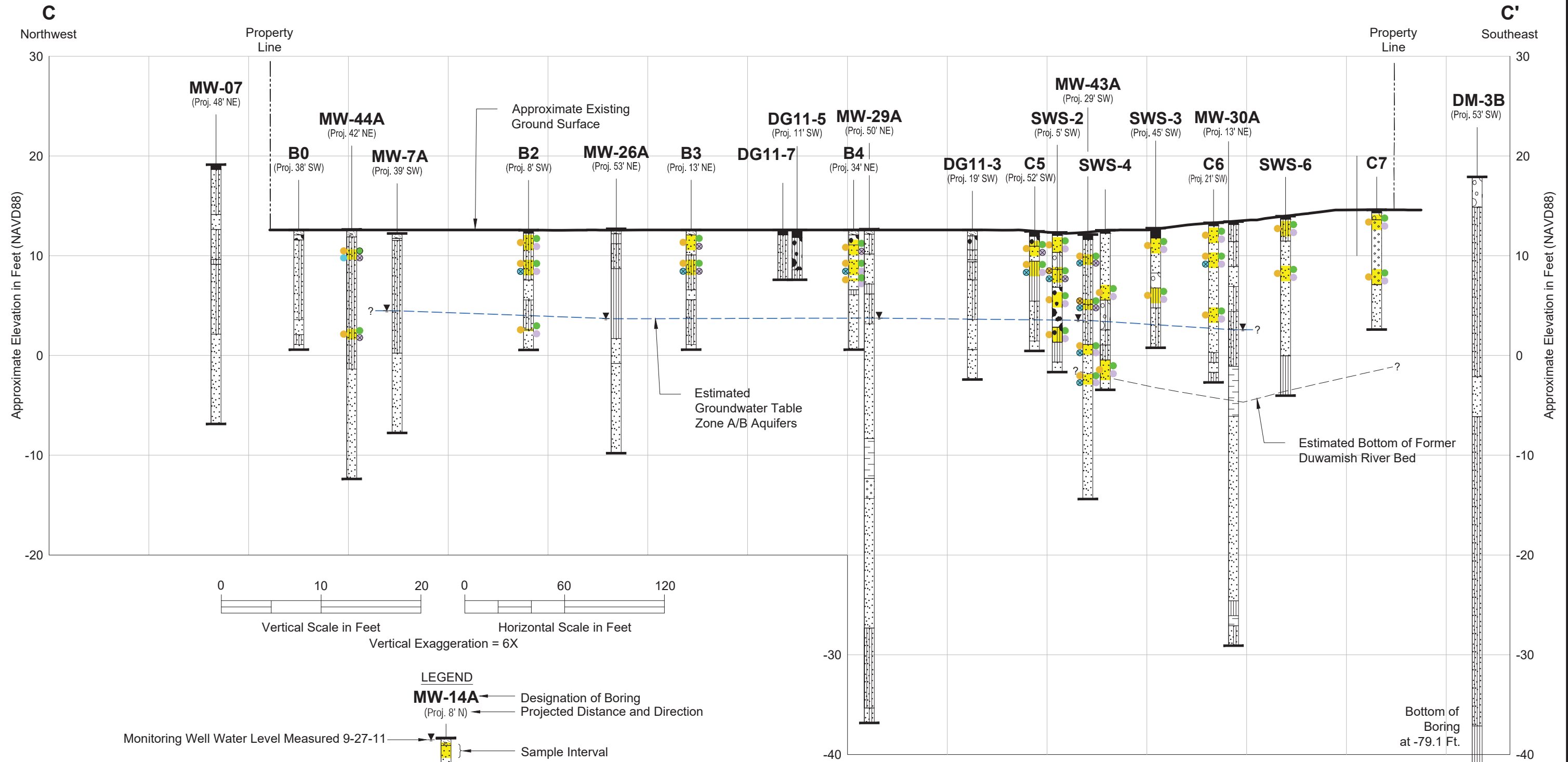
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FIG. 6
 Sheet 2 of 2

Filename: J:\21112567\014\21-1-12567-014 Profiles.dwg Layout: Figure 6 S2-FS Date: 06-03-2019 Login: JRS

Filename: J:\21112567\014\21-1-12567-014 Profiles.dwg Layout: Figure 7-FS Date: 06-03-2019 Login: JRS



LEGEND

MW-14A ← Designation of Boring
 (Proj. 8' N) ← Projected Distance and Direction

Monitoring Well Water Level Measured 9-27-11 →

Sample Interval →

Vinyl Chloride →

Polychlorinated Biphenyls (PCBs) →

? → ?

Unified Soil Classification System Symbol →

Bottom of Boring →

● ● ● ● ← Not Detected Above Laboratory Reporting Limit

○ ← Detected Above Laboratory Reporting Limit

⊗ ← Detected Above Project Screening Levels

← Tetrachloroethylene (PCE)

← Trichloroethylene (TCE)

← Approximate Geologic Contact

- NOTES**
1. Ground surface adapted from client file, *xBase.dwg* and field reconnaissance.
 2. Groundwater depths taken from groundwater monitoring event September 27, 2011.
 3. This subsurface profile is generalized from materials observed in soil borings. Variations may exist between profile and actual conditions.

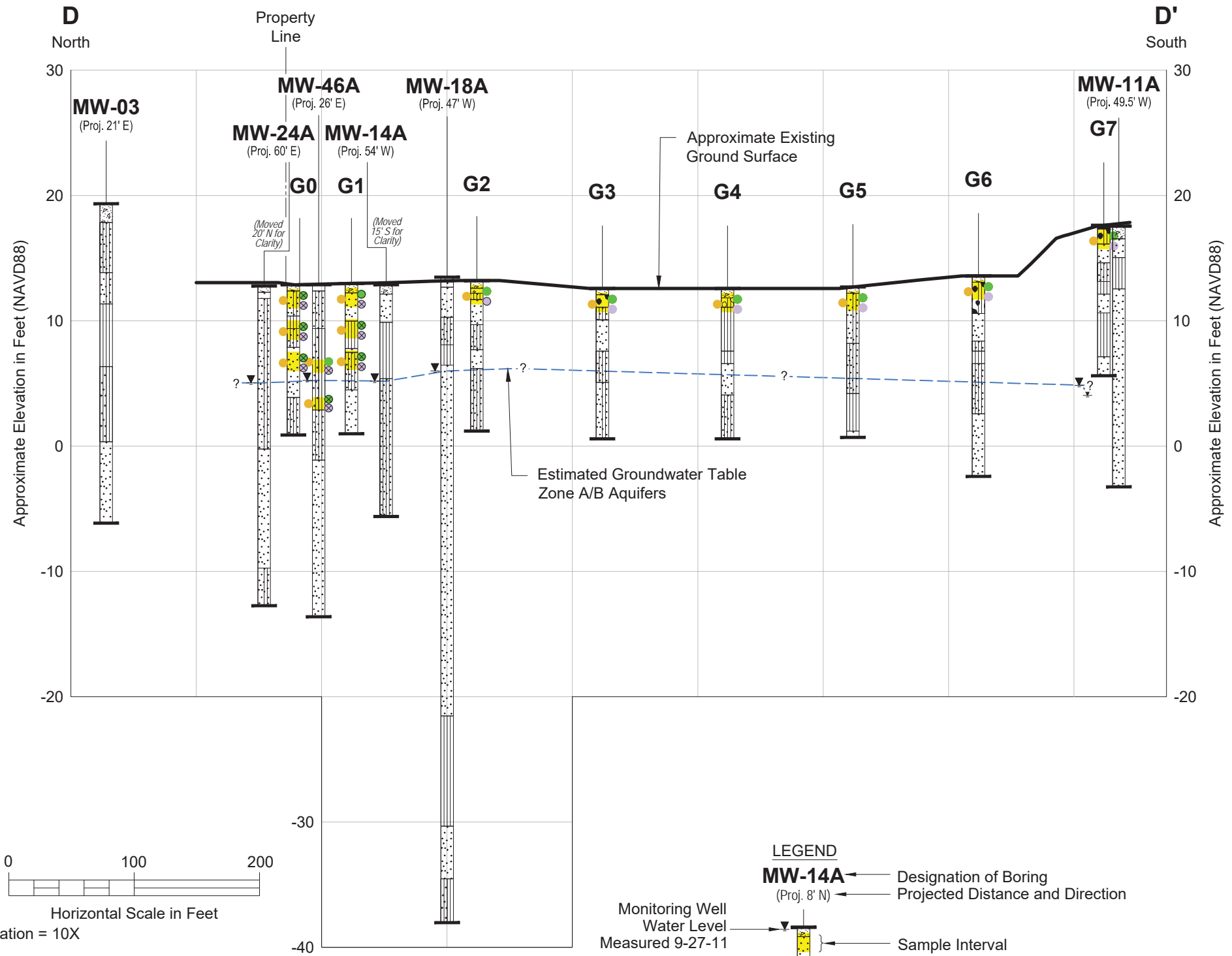
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 Tukwila, Washington

**GENERALIZED SUBSURFACE
 PROFILE C-C'**

June 2019 21-1-12567-014

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FIG. 7



NOTES

1. Ground surface adapted from client file, *xBase.dwg* and field reconnaissance.
2. Groundwater depths taken from groundwater monitoring event September 27, 2011.
3. This subsurface profile is generalized from materials observed in soil borings. Variations may exist between profile and actual conditions.

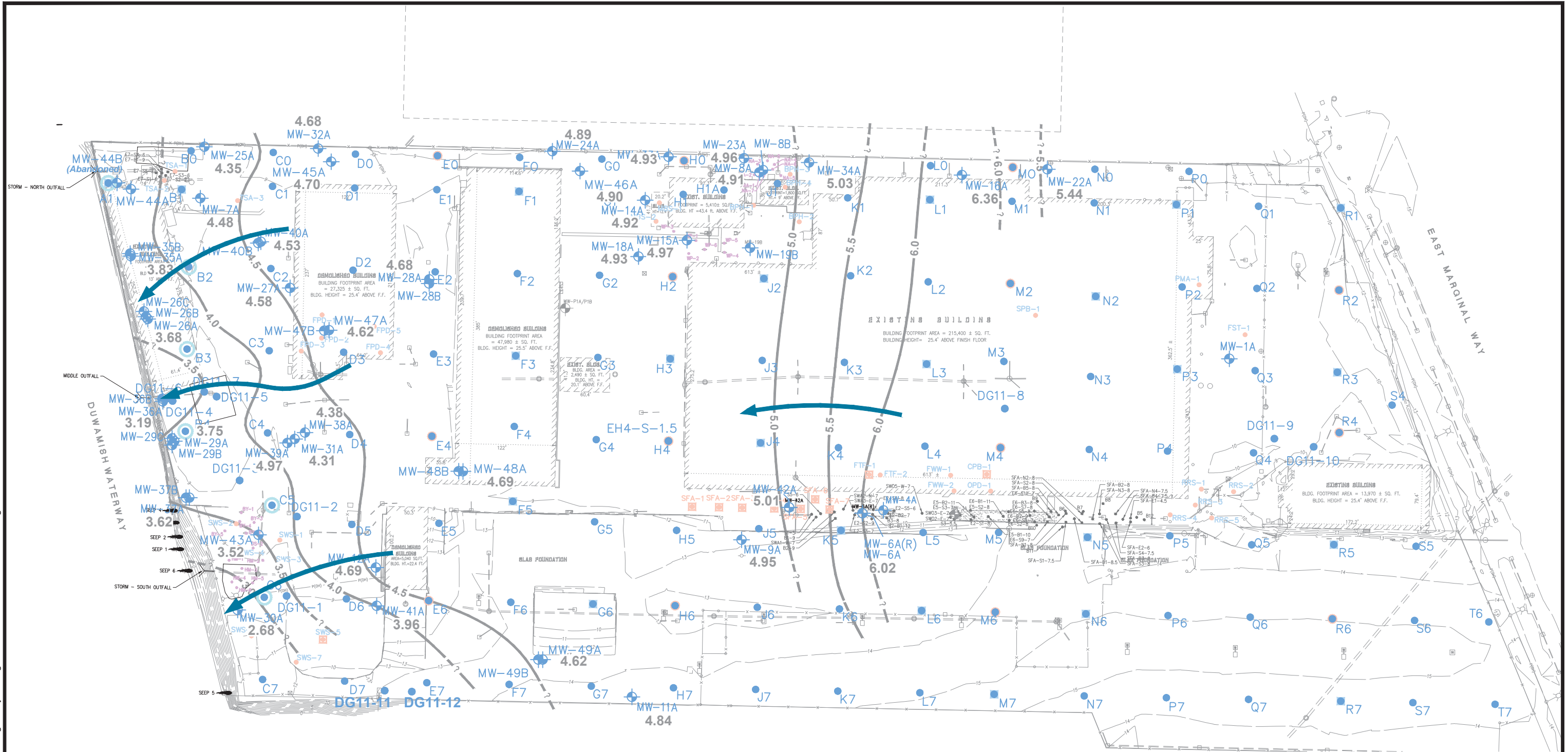
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**GENERALIZED SUBSURFACE
PROFILE D-D'**

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FIG. 8

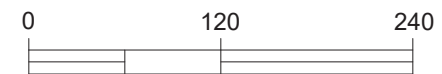


NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.
3. Groundwater data is from AMEC's Figure 3 "Groundwater Elevation September 27, 2011 (Low Tide), dated January 2012.
4. MW-39A is an outlier as adjacent to the air sparge/soil vapor extraction line and is not plotted.

SAMPLING LOCATIONS

- Soil Sample Location
- MW-36A ● Shallow Zone Groundwater Monitoring Well
- Previous Soil Boring Location
- - - Fenceline



Scale in Feet
Contour Interval = 1 Foot
Datum = NGVD29

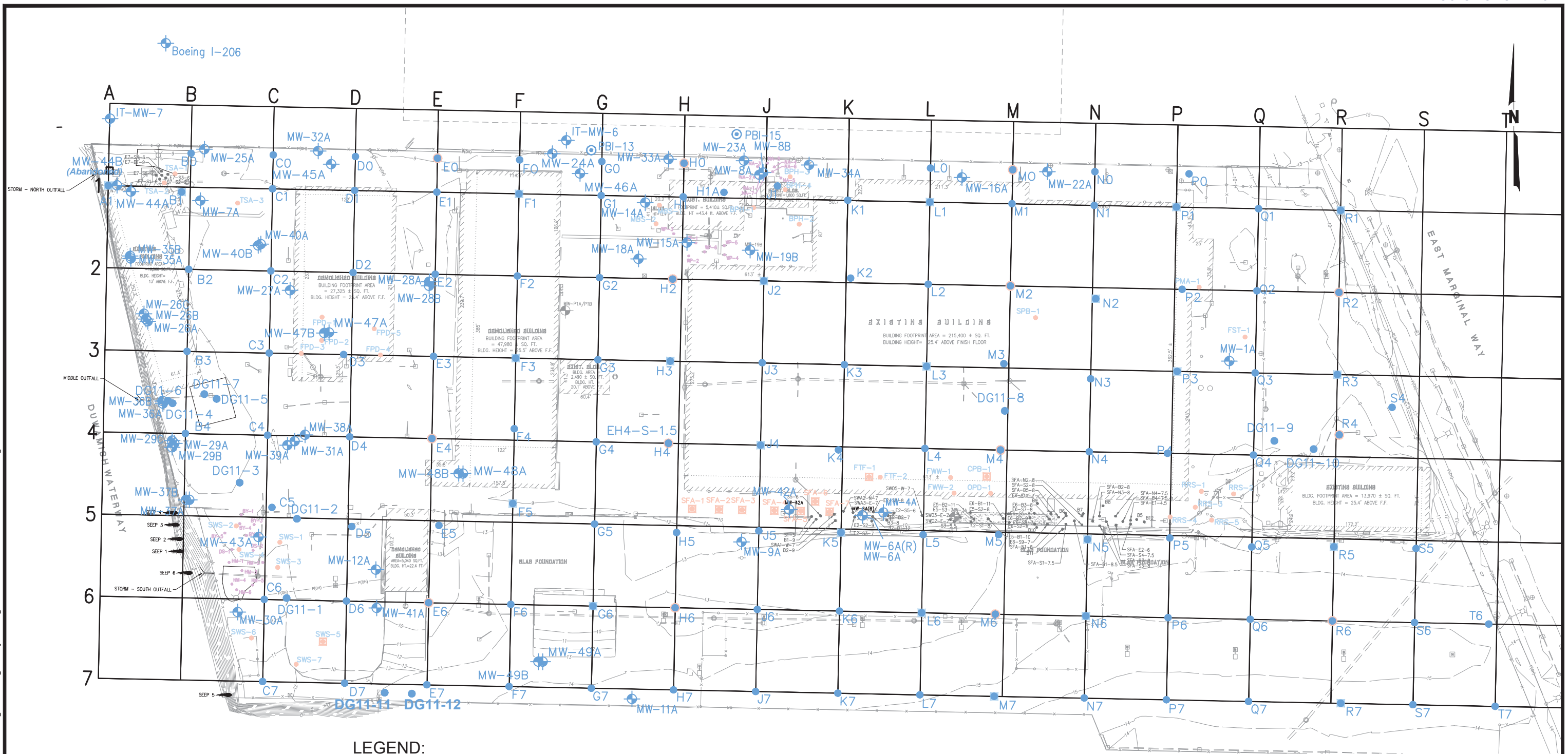
GROUNDWATER SYMBOLOGY

- - - Groundwater Elevation Contour, Dashed Where Approximate (Only A-Zone Well Data Used)
- 6.0 Groundwater Elevation in Feet (NAVD88)
- ← Approximate Groundwater Flow Direction



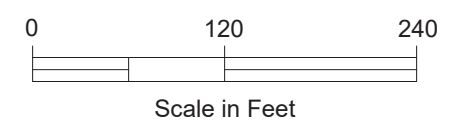
8801 East Marginal Way South Tukwila, Washington	
GROUNDWATER ELEVATION SEPTEMBER 27, 2011 (LOW TIDE)	
June 2019	21-1-12567-014
SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS	FIG. 9

Filename: J:\21112567\01421-1-12567-014 2011 Data Gaps Investigation.dwg Layout: Figure 10-FS Date: 05-31-2019 Login: JRS



LEGEND:

- LEGEND**
SAMPLING LOCATIONS
- Soil Sample Location
 - MW-36A, MW-36B ● Shallow Zone Groundwater Monitoring Well
 - MW-29C ● Deep Zone Groundwater Monitoring Well
 - PBI-13 ● Boeing Soil Sample Location
 - - - - - Fenceline



NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from AMEC, 2011.

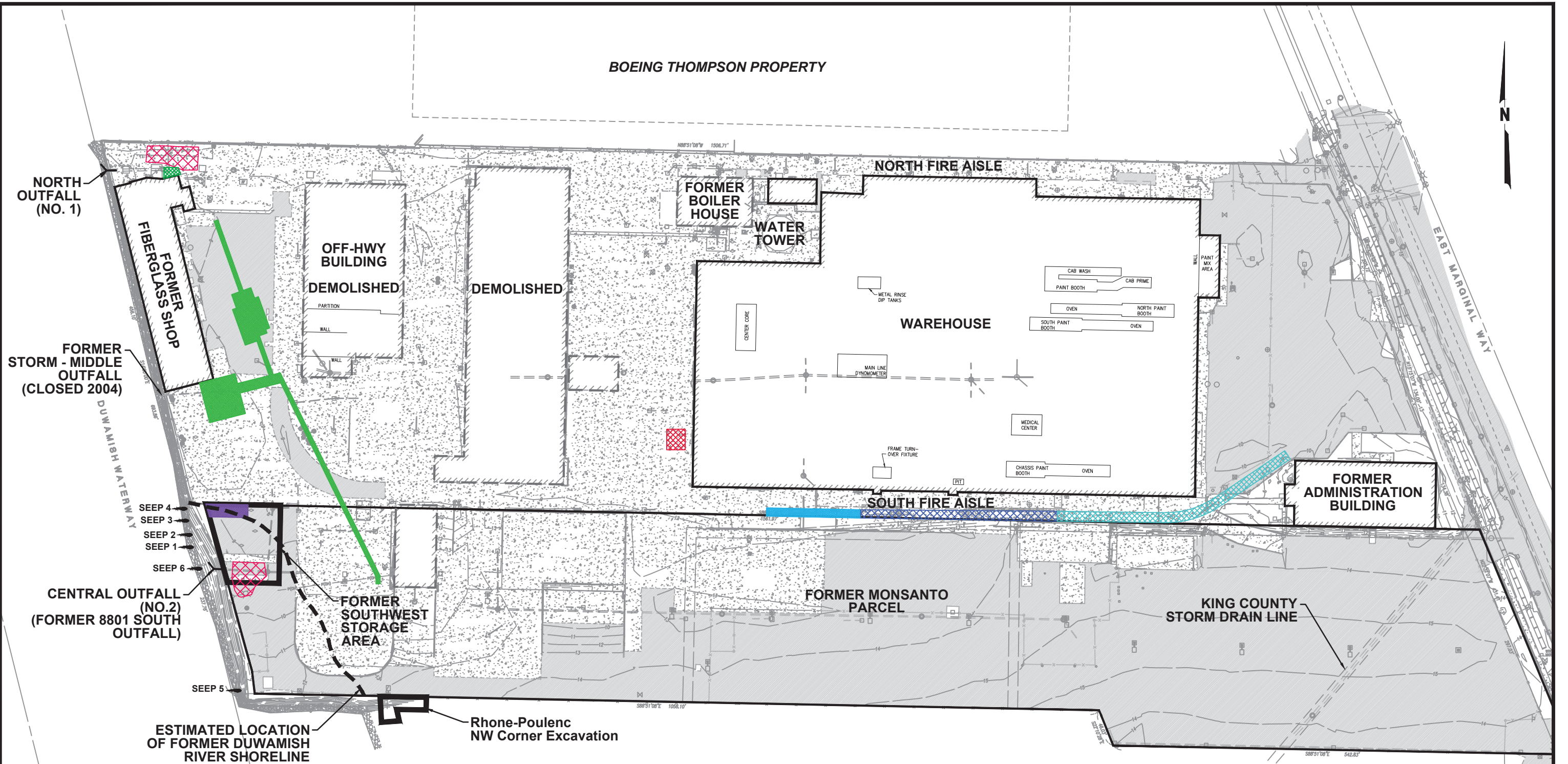
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**PREVIOUS INVESTIGATION
 SAMPLING LOCATIONS**

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FIG. 10



BOEING THOMPSON PROPERTY



NORTH OUTFALL (NO. 1)

FORMER STORM - MIDDLE OUTFALL (CLOSED 2004)

SEEP 4
SEEP 3
SEEP 2
SEEP 1
SEEP 6

CENTRAL OUTFALL (NO.2) (FORMER 8801 SOUTH OUTFALL)

ESTIMATED LOCATION OF FORMER DUWAMISH RIVER SHORELINE

Rhone-Poulenc NW Corner Excavation

CONTAINER PROPERTIES LLC

(INSURANCE AUTO AUCTIONS INCORPORATED
VEHICLE STORAGE ON BOTH 8801 AND
CONTAINER PROPERTIES PARCELS)

MUSEUM OF FLIGHT

FORMER ADMINISTRATION BUILDING

NORTH FIRE AISLE

SOUTH FIRE AISLE

EAST MARGINAL WAY

KING COUNTY STORM DRAIN LINE

FORMER MONSANTO PARCEL

FORMER SOUTHWEST STORAGE AREA

FORMER BOILER HOUSE

WATER TOWER

WAREHOUSE

OFF-HWY BUILDING

FORMER SHOP

DEMOLISHED

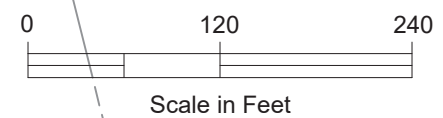
DEMOLISHED

CAB WASH
PANT BOOTH
CAB PRIME
OVEN
NORTH PAINT BOOTH
SOUTH PAINT BOOTH
OVEN

MEDICAL CENTER
CHASSIS PAINT BOOTH
OVEN

NOTE

Figure adapted from AMEC 14995-L-32.dwg dated 05/2013, and 14995-L-16.dwg dated November 2010.



LEGEND

- Existing Buildings
- Former Buildings
- Southwest Storage Area Approximate Excavation Area (1995)
- Approximate UST Removal Excavation Area (2000-2003)
- Approximate Acetone UST Soil Excavation Area (2003)
- Approximate SFA Soil Excavation Area (2004)
- Approximate AS/SVE Soil Excavation Area (2004)
- Approximate Soil Excavation Area (2004)
- Approximate ORC Injection Area (2004)
- Approximate Stormwater Soil Excavation Area (2007)

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Tukwila, Washington

PREVIOUS EXCAVATION LOCATIONS

June 2019

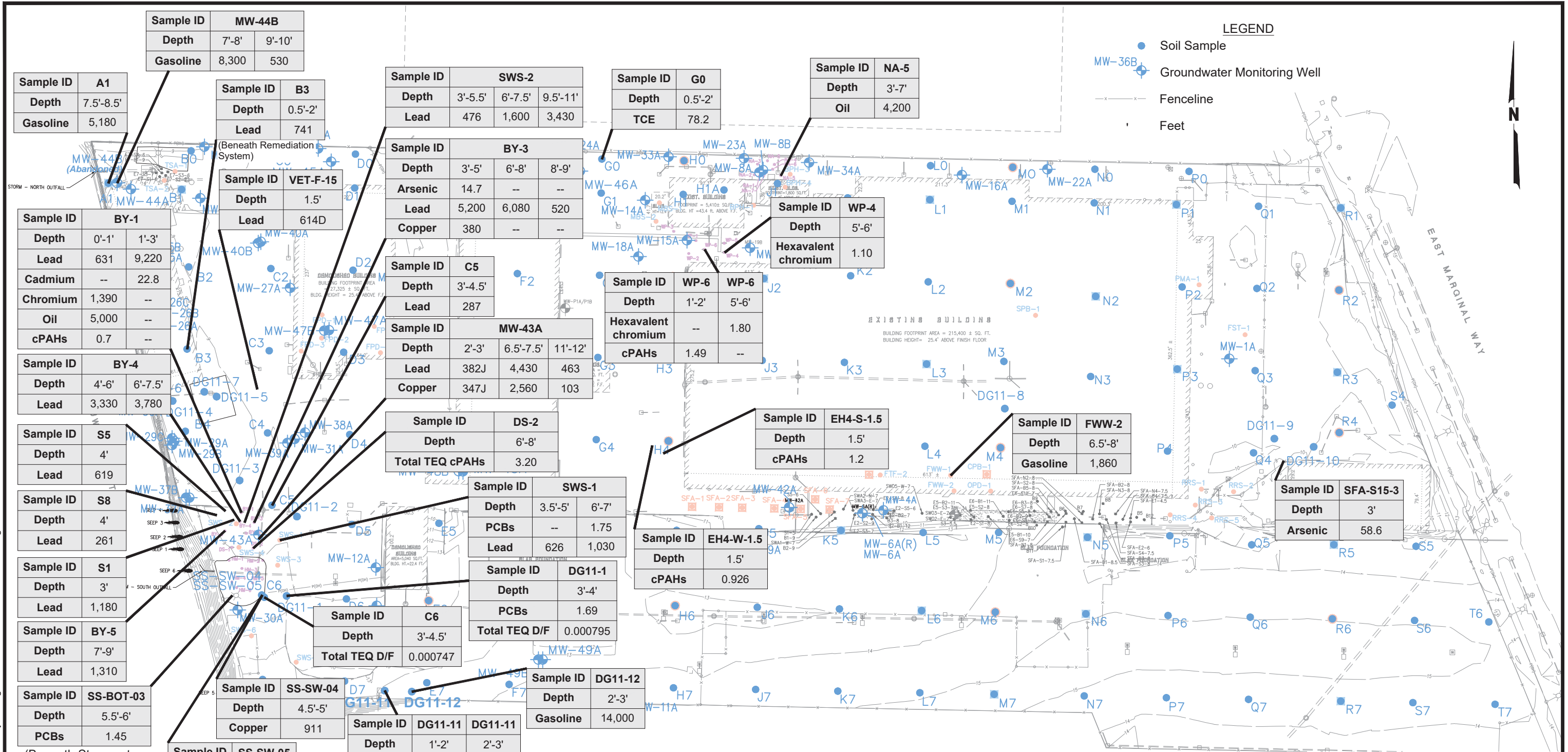
21-1-12567-014



FIG. 11

Filename: J:\21112567\014\21-1-12567-014 Key Site Features.dwg Layout: Figure 11-FS Date: 05-31-2019 Login: JRS

Filename: J:\21112567\01421-1-12567-014 Chemistry.dwg Layout: Figure 12-FS Date: 05-31-2019 Login: JRS



Sample ID	MW-44B	
Depth	7'-8'	9'-10'
Gasoline	8,300	530

Sample ID	A1	
Depth	7.5'-8.5'	
Gasoline	5,180	

Sample ID	B3	
Depth	0.5'-2'	
Lead	741	

Sample ID	SWS-2		
Depth	3'-5.5'	6'-7.5'	9.5'-11'
Lead	476	1,600	3,430

Sample ID	G0	
Depth	0.5'-2'	
TCE	78.2	

Sample ID	NA-5	
Depth	3'-7'	
Oil	4,200	

Sample ID	BY-1	
Depth	0'-1'	1'-3'
Lead	631	9,220
Cadmium	--	22.8
Chromium	1,390	--
Oil	5,000	--
cPAHs	0.7	--

Sample ID	VET-F-15	
Depth	1.5'	
Lead	614D	

Sample ID	BY-3		
Depth	3'-5'	6'-8'	8'-9'
Arsenic	14.7	--	--
Lead	5,200	6,080	520
Copper	380	--	--

Sample ID	WP-6 WP-6	
Depth	1'-2'	5'-6'
Hexavalent chromium	--	1.80
cPAHs	1.49	--

Sample ID	WP-4	
Depth	5'-6'	
Hexavalent chromium	1.10	

Sample ID	C5	
Depth	3'-4.5'	
Lead	287	

Sample ID	MW-43A		
Depth	2'-3'	6.5'-7.5'	11'-12'
Lead	382J	4,430	463
Copper	347J	2,560	103

Sample ID	BY-4	
Depth	4'-6'	6'-7.5'
Lead	3,330	3,780

Sample ID	DS-2	
Depth	6'-8'	
Total TEQ cPAHs	3.20	

Sample ID	EH4-S-1.5	
Depth	1.5'	
cPAHs	1.2	

Sample ID	FWW-2	
Depth	6.5'-8'	
Gasoline	1,860	

Sample ID	S5	
Depth	4'	
Lead	619	

Sample ID	SWS-1	
Depth	3.5'-5'	6'-7'
PCBs	--	1.75
Lead	626	1,030

Sample ID	EH4-W-1.5	
Depth	1.5'	
cPAHs	0.926	

Sample ID	SFA-S15-3	
Depth	3'	
Arsenic	58.6	

Sample ID	S8	
Depth	4'	
Lead	261	

Sample ID	DG11-1	
Depth	3'-4'	
PCBs	1.69	
Total TEQ D/F	0.000795	

Sample ID	S1	
Depth	3'	
Lead	1,180	

Sample ID	C6	
Depth	3'-4.5'	
Total TEQ D/F	0.000747	

Sample ID	BY-5	
Depth	7'-9'	
Lead	1,310	

Sample ID	DG11-12	
Depth	2'-3'	
Gasoline	14,000	

Sample ID	SS-BOT-03	
Depth	5.5'-6'	
PCBs	1.45	

Sample ID	SS-SW-04	
Depth	4.5'-5'	
Copper	911	

Sample ID	DG11-11 DG11-11	
Depth	1'-2'	2'-3'
PCBs	--	1.97
Copper	509	3,450

Sample ID	SS-SW-05	
Depth	7.5'-8'	
Copper	336	

- Abbreviations**
- PCBs = Polychlorinated Biphenyls
 - cPAHs = Carcinogenic Polycyclic Aromatic Hydrocarbons
 - TCE = Trichloroethylene
 - TEQ = Toxicity Equivalency Quotient
 - D/F = Dioxin/Furan

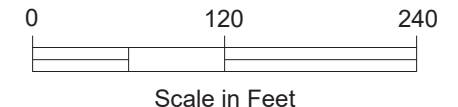
NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.
3. Concentrations are expressed in milligrams per kilograms (mg/kg).
4. Established project remediation levels (mg/kg):
5. Value protective of sediment via bank erosion:
6. Value protective of surface water via groundwater - saturated zone:

PCBs	0.5
cPAHs	0.6
TCE	5
Arsenic	14.6
Copper	250
Lead	250
TEQ D/F	1.3E-05
Gasoline	250
Oil	4,000

Cadmium	5.1
Chromium	260

Hexavalent chromium	0.96
---------------------	------



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Tukwila, Washington

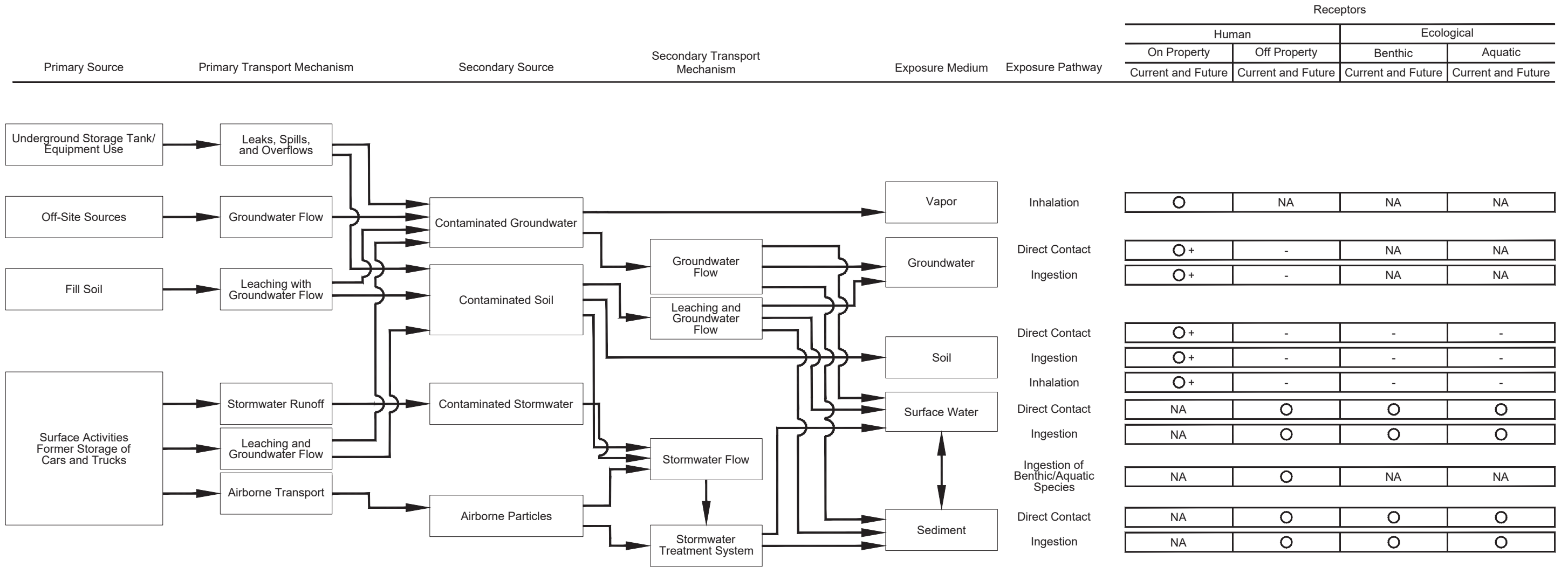
CHEMICALS OF CONCERN IN SOIL ABOVE THE PROJECT CRITERIA

June 2019 21-1-12567-014

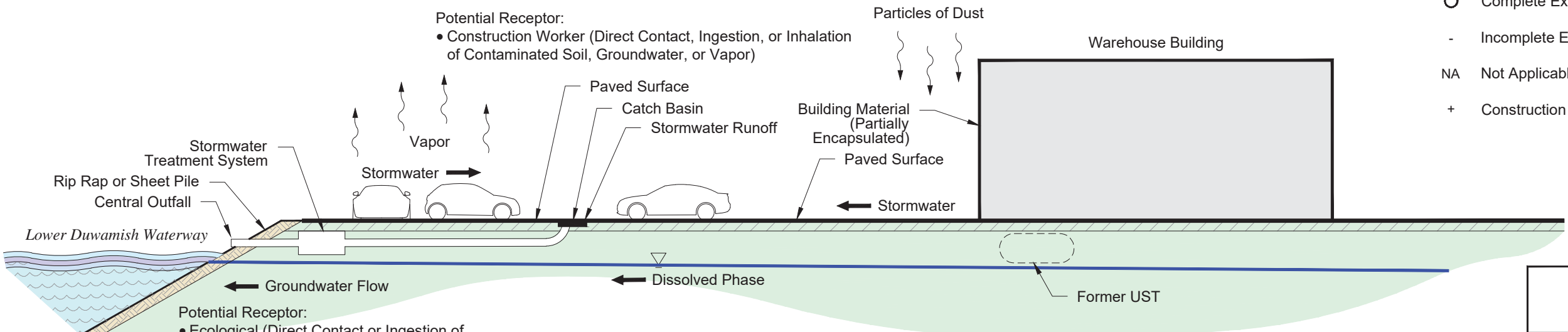
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FIG. 12

Filename: J:\21112567\014\21-1-12567-014 Conceptual Site Model.dwg Layout: Figure 13-FS Date: 05-31-2019 Login: JRS



LEGEND
 ○ Complete Exposure Pathway
 - Incomplete Exposure Pathway
 NA Not Applicable
 + Construction Worker



Potential Receptor:
 • Ecological (Direct Contact or Ingestion of Contaminated Surface Water or Sediment)
 • Human (Direct Contact with Contaminated Surface Water or Sediment or Ingestion of Benthic/Aquatic Species)

Potential Receptor:
 • Construction Worker (Direct Contact, Ingestion, or Inhalation of Contaminated Soil, Groundwater, or Vapor)

8801 Site
 8801 East Marginal Way S
 Tukwila, Washington

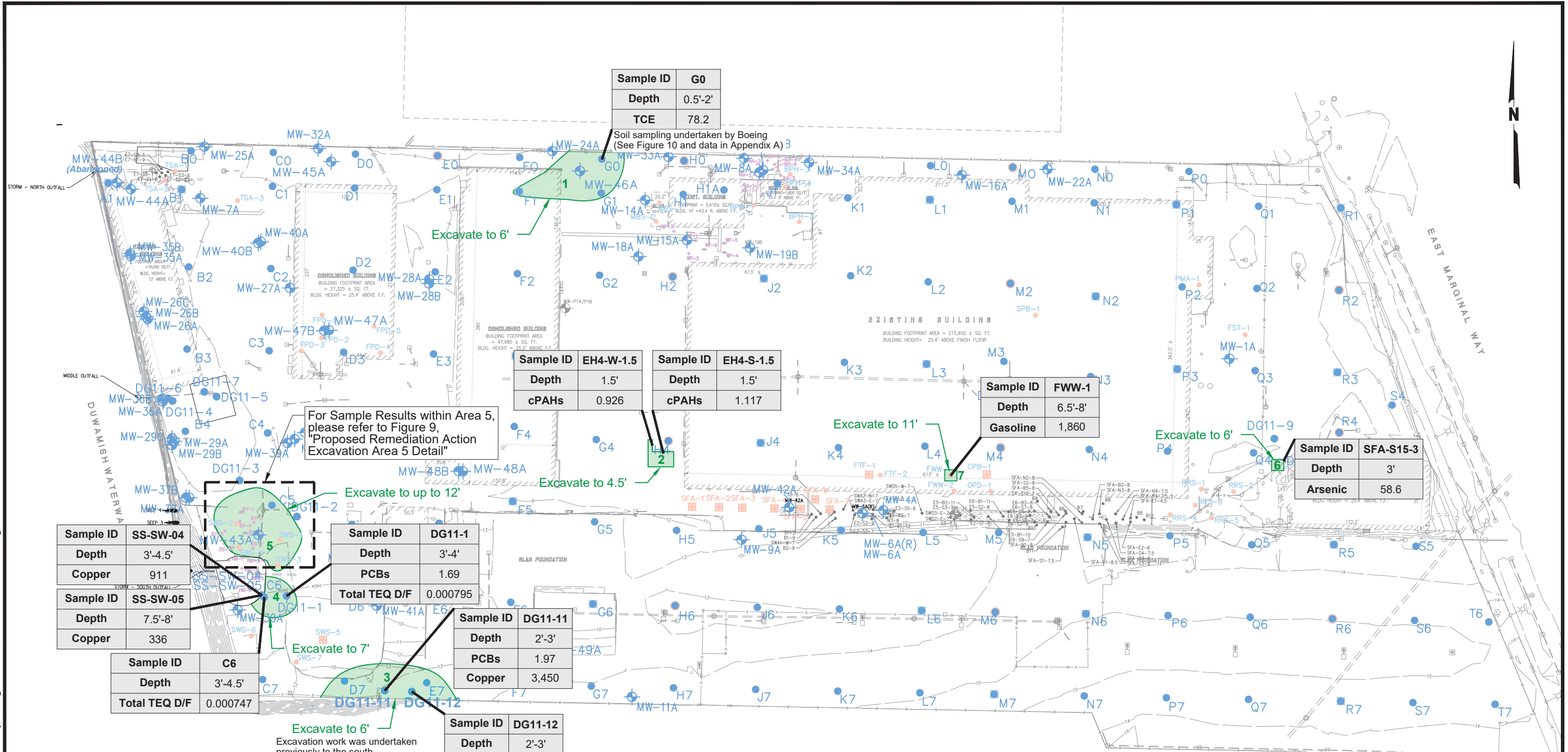
CONCEPTUAL SITE MODEL

June 2019 21-1-12567-014

SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 13

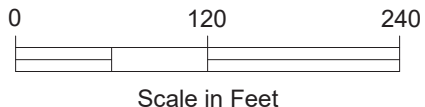
Filename: J:\21112567\01421-1-12567-014 Chemistry.dwg Layout: Figure 14-FS Date: 05-31-2019 Login: JRS



NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.
3. Concentrations are expressed in milligrams per kilograms (mg/kg).
4. Established project specific remediation level (mg/kg):

PCBs	0.5
cPAHs	0.6
TCE	5
Arsenic	14.6
Copper	250
Lead	250
TEQ D/F	1.3E-05
Gasoline	250
Oil	4,000



LEGEND

- 3 Proposed Estimated Excavation Extents with Area Number Designation
- Soil Sample
- MW-36B Groundwater Monitoring Well
- - - Fenceline
- Feet

Abbreviations

- PCBs = Polychlorinated Biphenyls
- cPAHs = Carcinogenic Polycyclic Aromatic Hydrocarbons
- TCE = Trichloroethylene
- TEQ = Total Equivalency Quotient
- D/F = Dioxin/Furan

8801 East Marginal Way South
Tukwila, Washington

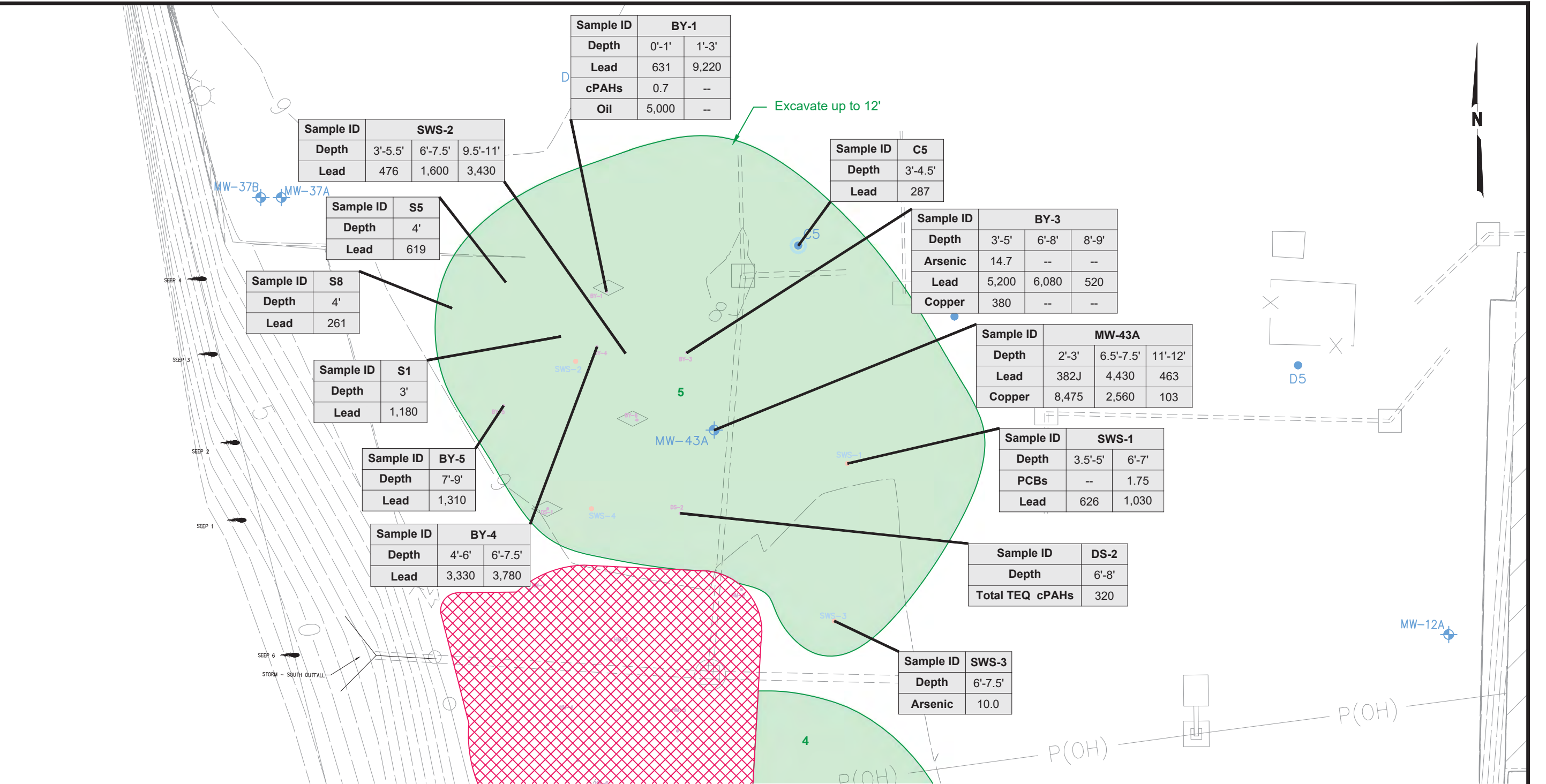
PROPOSED REMEDIAL ACTION EXCAVATIONS

June 2019 21-1-12567-014

SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 14

Filename: J:\21112567\014\21-1-12567-014 Area 5.dwg Layout: Figure 15-FS Date: 05-31-2019 Login: JRS



LEGEND

- Proposed Estimated Excavation Extents with Area Number Designation
- Approximate Stormwater Soil Excavation Area (2007)
- Soil Sample
- Groundwater Monitoring Well
- Fenceline
- Feet

Abbreviation

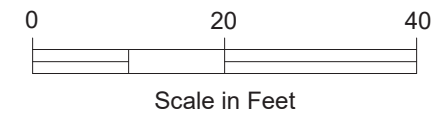
PCBs = Polychlorinated Biphenyls

cPAHs = Carcinogenic Polycyclic Aromatic Hydrocarbons

NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.
3. Concentrations are expressed in milligrams per kilograms (mg/kg).
4. Established project specific remediation levels (mg/kg):

PCBs	0.5
cPAHs	0.6
Arsenic	14.6
Lead	250
Copper	250
Oil	4,000



8801 East Marginal Way South
Tukwila, Washington

**PROPOSED REMEDIATION ACTION
EXCAVATION AREA 5 DETAIL**

June 2019 21-1-12567-014

SHANNON & WILSON, INC.
GEO-TECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 15

Sample ID	BY-1		
Depth	0'-1'	1'-3'	
Lead	631	9,220	
cPAHs	0.7	--	
Oil	5,000	--	

Sample ID	SWS-2		
Depth	3'-5.5'	6'-7.5'	9.5'-11'
Lead	476	1,600	3,430

Sample ID	S5
Depth	4'
Lead	619

Sample ID	S8
Depth	4'
Lead	261

Sample ID	S1
Depth	3'
Lead	1,180

Sample ID	BY-5	
Depth	7'-9'	
Lead	1,310	

Sample ID	BY-4	
Depth	4'-6'	6'-7.5'
Lead	3,330	3,780

Sample ID	MW-43A		
Depth	2'-3'	6.5'-7.5'	11'-12'
Lead	382J	4,430	463
Copper	8,475	2,560	103

Sample ID	SWS-1	
Depth	3.5'-5'	6'-7'
PCBs	--	1.75
Lead	626	1,030

Sample ID	DS-2
Depth	6'-8'
Total TEQ cPAHs	320

Sample ID	SWS-3
Depth	6'-7.5'
Arsenic	10.0

Sample ID	C5
Depth	3'-4.5'
Lead	287

Sample ID	BY-3		
Depth	3'-5'	6'-8'	8'-9'
Arsenic	14.7	--	--
Lead	5,200	6,080	520
Copper	380	--	--

(Addressed in Groundwater Remedy)

Sample ID	A1	Sample ID	MW-44B	
Depth	7.5'-8.5'	Depth	7'-8'	9'-10'
Gasoline	5,180	Gasoline	8,300	530

Sample ID	NA-5
Depth	3'-7'
Oil	4,200

(Close to Remediation Level of 4,000 and Naturally Decline)

Sample ID	B3
Depth	0.5'-2'
Lead	741

(Beneath Remediation System)

Sample ID	VET-F-15
Depth	1.5'
Lead	614D

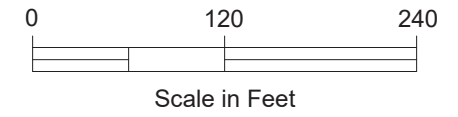
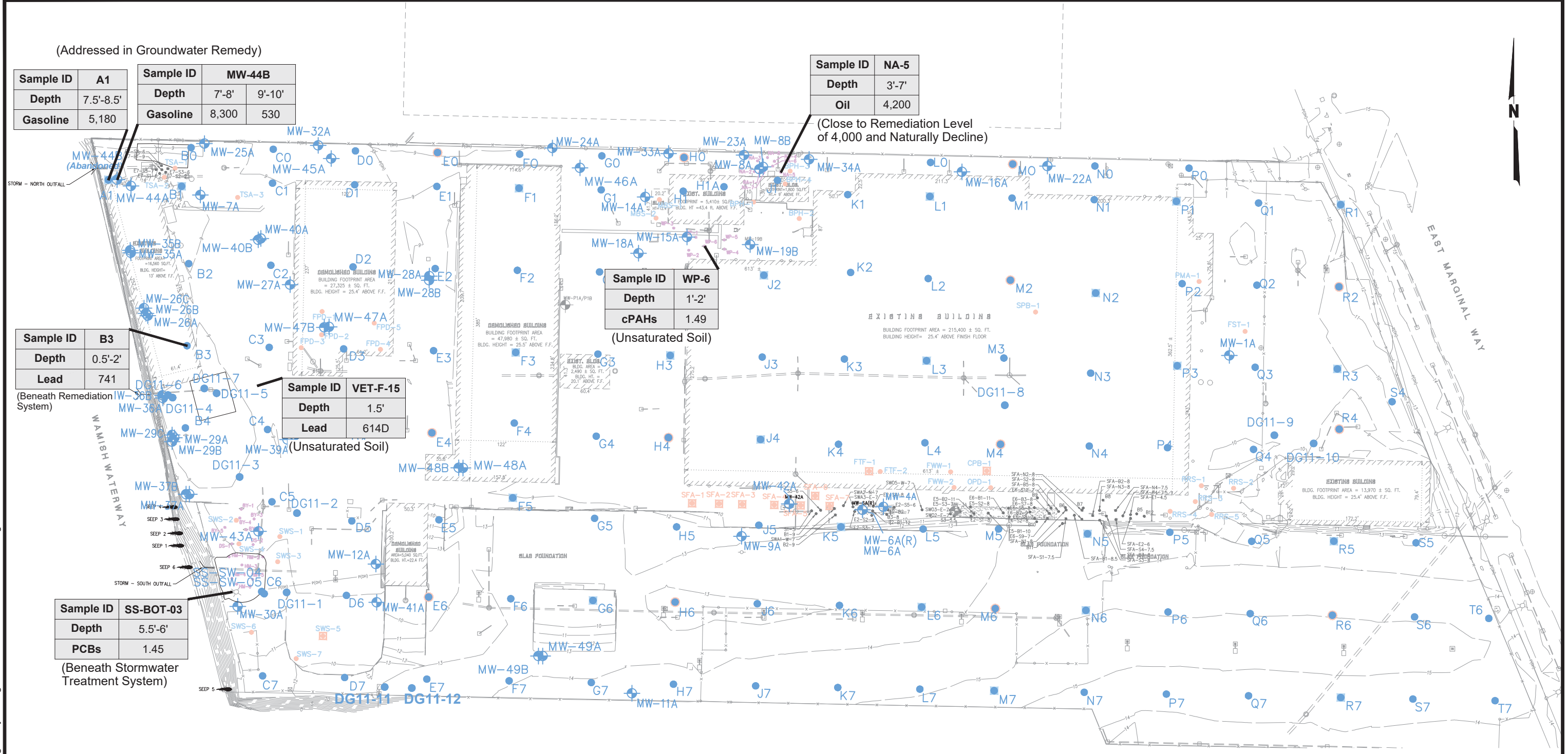
(Unsaturated Soil)

Sample ID	WP-6
Depth	1'-2'
cPAHs	1.49

(Unsaturated Soil)

Sample ID	SS-BOT-03
Depth	5.5'-6'
PCBs	1.45

(Beneath Stormwater Treatment System)



LEGEND

- Soil Sample
- ⊕ Groundwater Monitoring Well
- x-x- Fenceline
- Feet

Abbreviations

- PCBs = Polychlorinated Biphenyls
- cPAHs = Carcinogenic Polycyclic Aromatic Hydrocarbons

NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.
3. Concentrations are expressed in milligrams per kilograms (mg/kg).

8801 East Marginal Way South
Tukwila, Washington

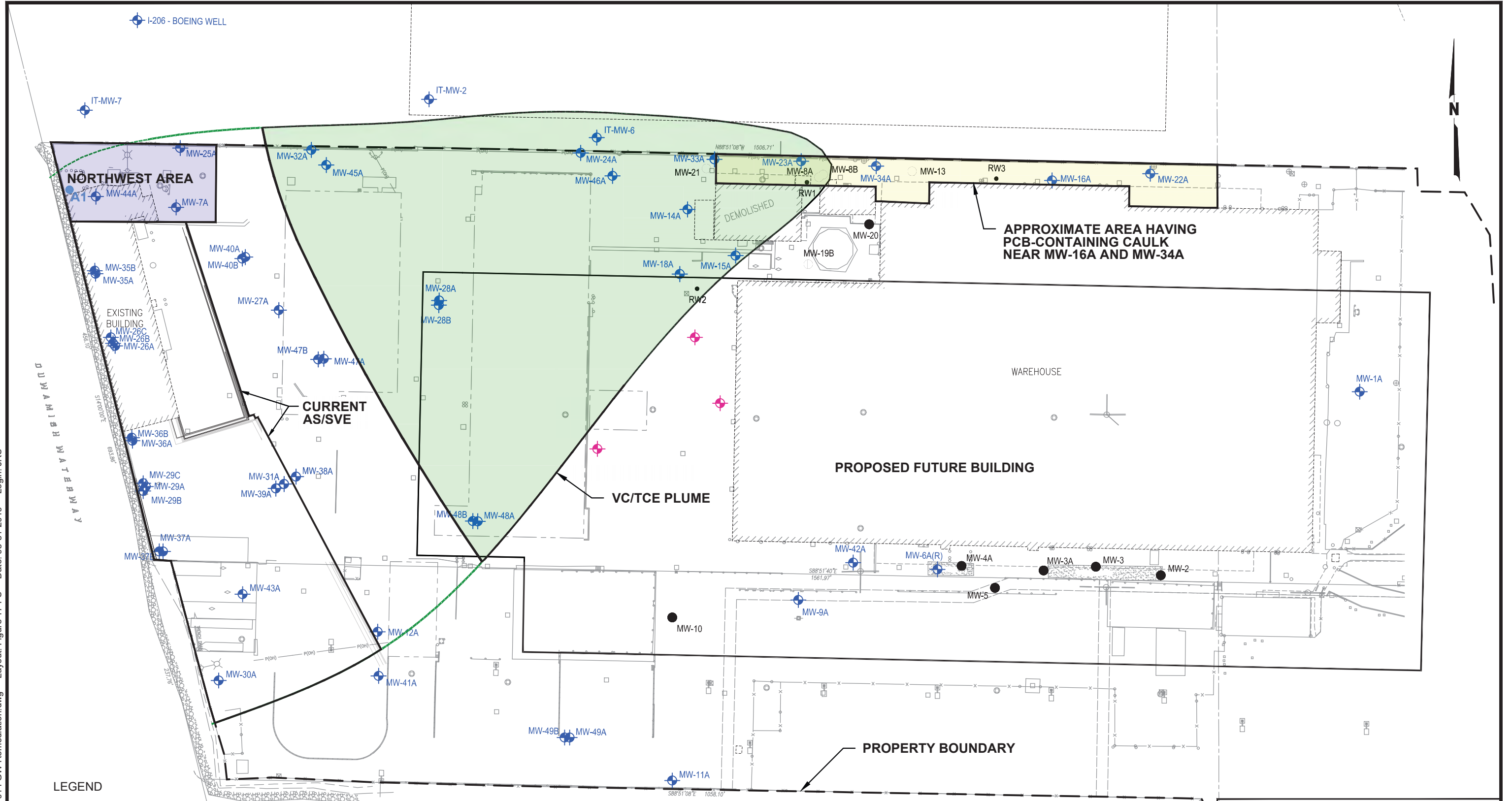
POST EXCAVATION CHEMICALS OF CONCERN IN SOIL ABOVE THE PROJECT CRITERIA

June 2019 21-1-12567-014

SHANNON & WILSON INC.
GEOCHEMICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 16

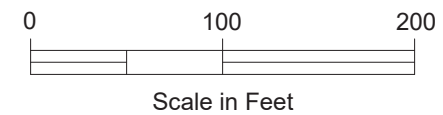
Filename: J:\21112567\014\21-1-12567-014 GW Remediation.dwg Layout: Figure 17-FS Date: 05-31-2019 Login: JRS



LEGEND

- MW-35B MONITORING WELLS
 A - SCREEN INSTALLED IN ZONE A AQUIFER
 B - SCREEN INSTALLED IN ZONE B AQUIFER
 C - SCREEN INSTALLED IN ZONE C AQUIFER
- TEMPORARY MONITORING WELLS
- RW3 RECOVERY WELLS
- MW-21 WELLS REMOVED OR COVERED

NOTES: LOCATION OF MW-17 WAS NOT IDENTIFIED IN PREVIOUS INVESTIGATION REPORTS.
 TEMPORARY MONITORING WELL GROUNDWATER RESULT NOT INCLUDED IN REPORT.



NOTE

Figure adapted from AMEC 14995-L-37.dwg dated 05/2013.

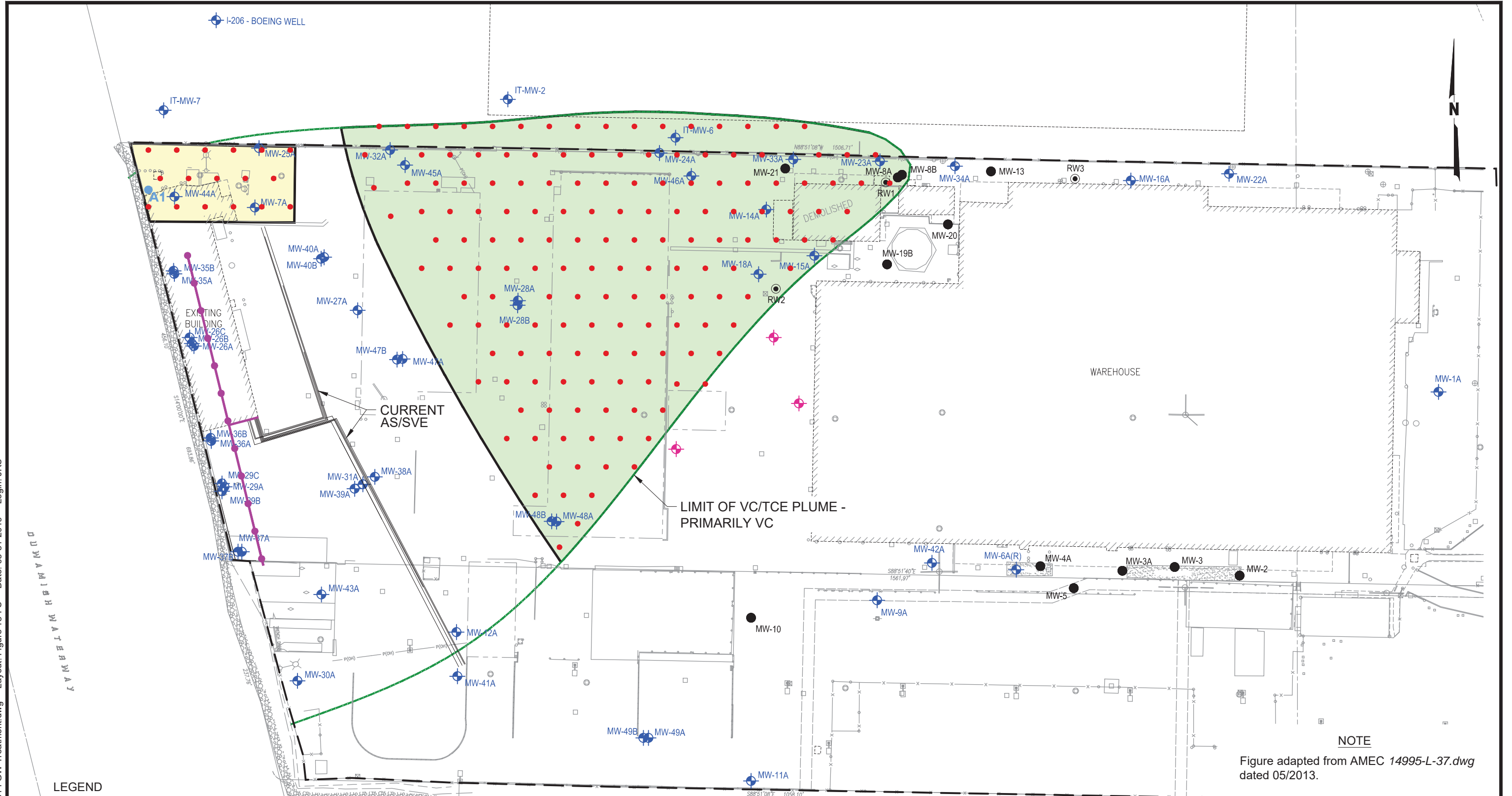
8801 East Marginal Way South
 Tukwila, Washington

**GROUNDWATER
 REMEDIATION AREAS**

June 2019

21-1-12567-014

Filename: J:\21112567\014\21-1-12567-014 GW Treatment.dwg Layout: Figure 18-FS Date: 05-31-2019 Login: JRS



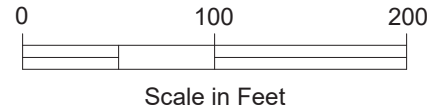
LEGEND

- ◆ MW-35B MONITORING WELLS
- A - SCREEN INSTALLED IN ZONE A AQUIFER
- B - SCREEN INSTALLED IN ZONE B AQUIFER
- C - SCREEN INSTALLED IN ZONE C AQUIFER
- ◆ TEMPORARY MONITORING WELLS
- RW3 RECOVERY WELLS
- MW-21 WELLS REMOVED OR COVERED

TREATMENT AREAS

- Enhanced Reductive Dechlorination
- In-situ Chemical Oxidation
- AS/SVE System Extension

NOTES: LOCATION OF MW-17 WAS NOT IDENTIFIED IN PREVIOUS INVESTIGATION REPORTS. TEMPORARY MONITORING WELL GROUNDWATER RESULT NOT INCLUDED IN REPORT.



NOTE

Figure adapted from AMEC 14995-L-37.dwg dated 05/2013.

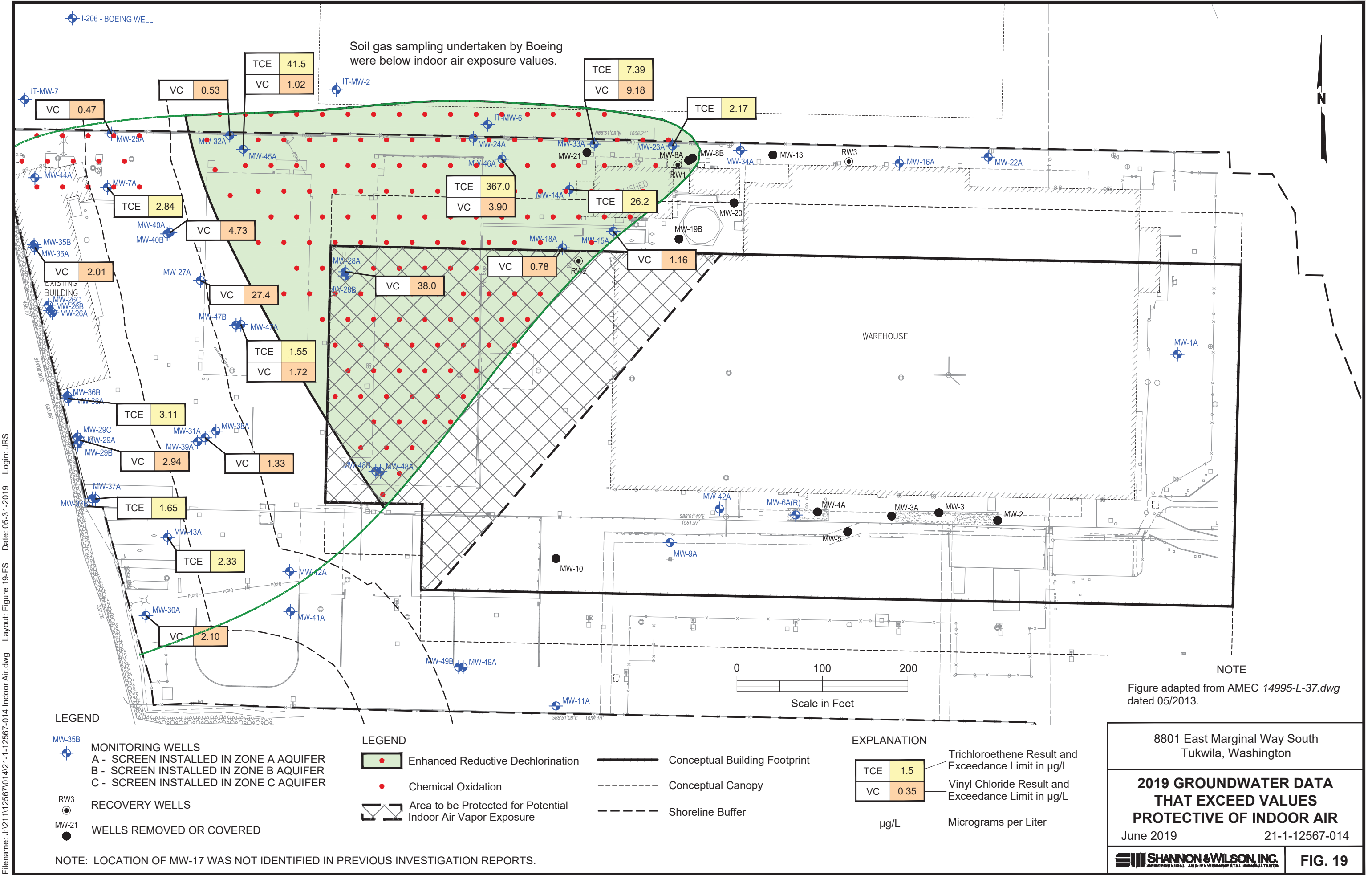
8801 East Marginal Way South
Tukwila, Washington

PROPOSED GROUNDWATER TREATMENT LOCATIONS

June 2019 21-1-12567-014



FIG. 18



Filename: J:\21112567\014\21-1-12567-014 Indoor Air.dwg Layout: Figure 19-FS Date: 05-31-2019 Login: JRS

LEGEND

- MONITORING WELLS
- A - SCREEN INSTALLED IN ZONE A AQUIFER
- B - SCREEN INSTALLED IN ZONE B AQUIFER
- C - SCREEN INSTALLED IN ZONE C AQUIFER
- RW3 RECOVERY WELLS
- MW-21 WELLS REMOVED OR COVERED

LEGEND

- Enhanced Reductive Dechlorination
- Chemical Oxidation
- Area to be Protected for Potential Indoor Air Vapor Exposure

LEGEND

- Conceptual Building Footprint
- Conceptual Canopy
- Shoreline Buffer

EXPLANATION

TCE	1.5	Trichloroethene Result and Exceedance Limit in µg/L
VC	0.35	Vinyl Chloride Result and Exceedance Limit in µg/L

µg/L Micrograms per Liter

NOTE: LOCATION OF MW-17 WAS NOT IDENTIFIED IN PREVIOUS INVESTIGATION REPORTS.

NOTE
Figure adapted from AMEC 14995-L-37.dwg dated 05/2013.

8801 East Marginal Way South
Tukwila, Washington

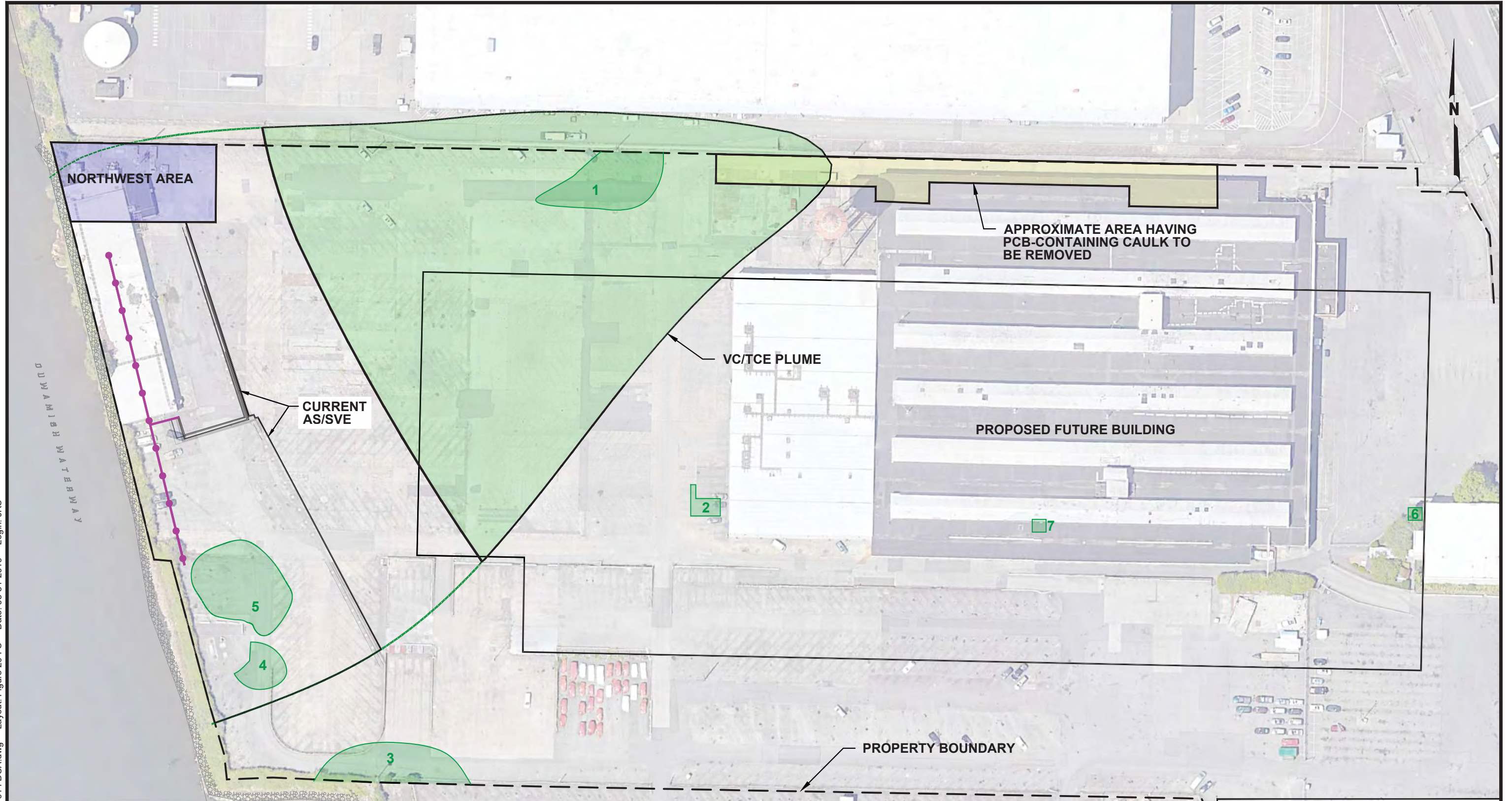
2019 GROUNDWATER DATA THAT EXCEED VALUES PROTECTIVE OF INDOOR AIR

June 2019 21-1-12567-014





SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 19

Filename: J:\21112567\014\21-1-12567-014 DUA.dwg Layout: Figure 20-FS Date: 05-31-2019 Login: JRS



LEGEND

-  Soil Excavation Area
-  Proposed Enhanced Reductive Dechlorination Groundwater Remediation Area
-  Proposed In Situ Chemical Oxidation Groundwater Remediation Area
-  Proposed Extension of Air Sparge/Soil Vapor Extraction Groundwater Remedy



8801 East Marginal Way South
Tukwila, Washington

PROPOSED REMEDIATION

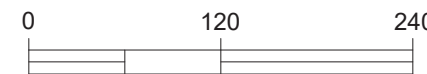
June 2019

21-1-12567-014



FIG. 20

Filename: J:\21112567\01421-1-12567-014 Compliance.dwg Layout: Figure 21-FS Date: 05-31-2019 Login: JRS



Scale in Feet
Contour Interval = 1 Foot
Datum = NGVD29

NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.

SAMPLING LOCATIONS

- Soil Sample Location
- MW-36A ● Shallow Zone Groundwater Monitoring Well
- Previous Soil Boring Location
- - - Fenceline

SAMPLING CONFIRMATION

- Performance Wells
- Compliance Wells



8801 East Marginal Way South Tukwila, Washington	
PERFORMANCE AND COMPLIANCE MONITORING WELLS	
June 2019	21-1-12567-014
SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS	
FIG. 21	

Appendix A

Previous Investigation Information

APPENDIX A: PREVIOUS INVESTIGATION INFORMATION

469

Rec 12/4/02 ~~AB~~

Kennedy/Jenks Consultants

530 South 336th Street
Federal Way, Washington 98003
253-874-0555
253-952-3435 (Fax)

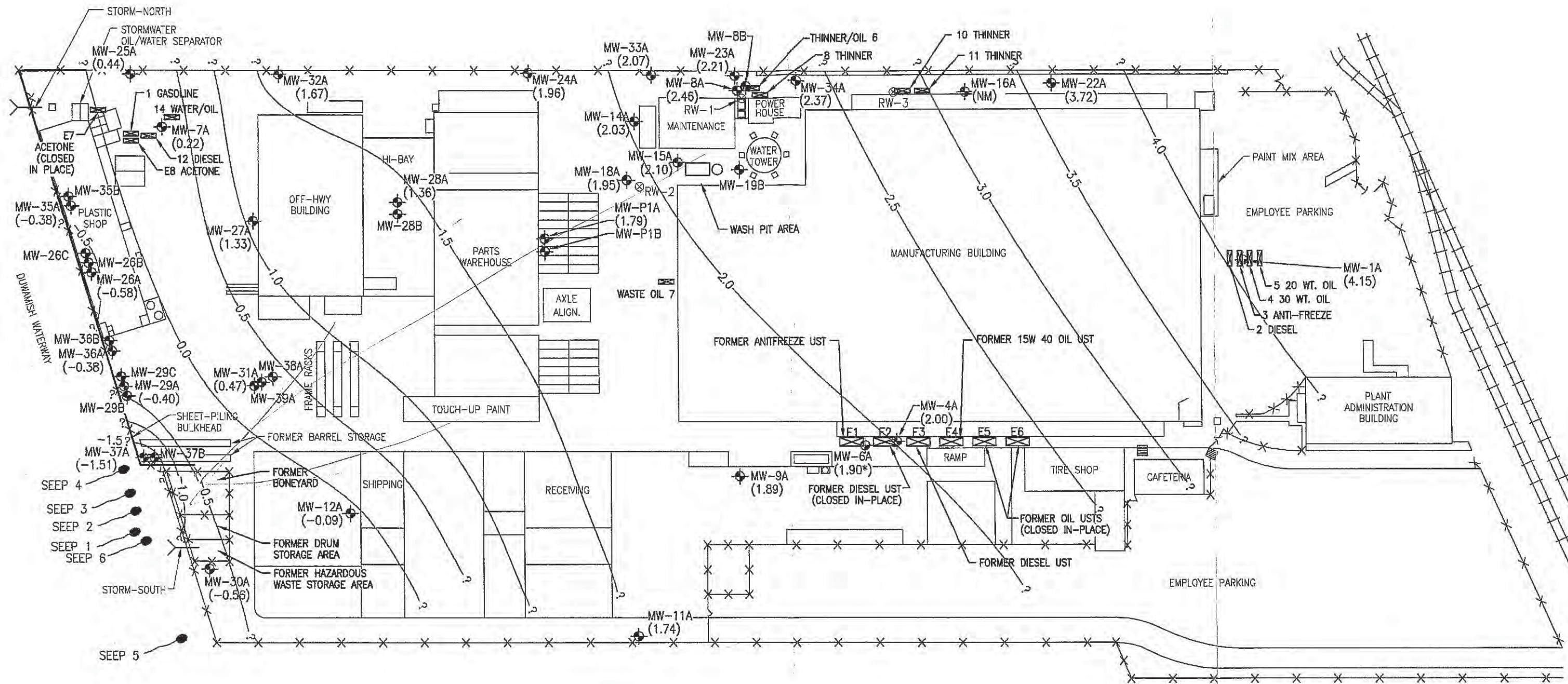
Phase I Data Gaps Investigations Summary Report

December 2002

Prepared for

PACCAR Inc
Business Center Building
777 106th Avenue Northeast
Bellevue, Washington 98004

K/J Project No. 016110.00



LEGEND

- MW-11A (1.74) SHALLOW ZONE MONITORING WELL LOCATION AND GROUNDWATER ELEVATION IN FEET MSL
- MW-28B INTERMEDIATE ZONE MONITORING WELL LOCATION
- MW-26C DEEP ZONE MONITORING WELL LOCATION
- RW-2 EXTRACTION WELL LOCATION
- FORMER UST LOCATION (REMOVED UNLESS OTHERWISE INDICATED)

NOTES:

- 1) ALL LOCATIONS ARE APPROXIMATE.
 - 2) BASE DRAWING PROVIDED BY PACCAR INCORPORATED.
- 2.0 APPROXIMATE POTENTIOMETRIC SURFACE ELEVATION COUNTOUR BASED ON MEASUREMENT TAKEN AT LOW TIDE ON 16 APRIL 2002
- SEEP 1 SEEP LOCATION AND DESIGNATION
- (NM) NOT MEASURED



Kennedy/Jenks Consultants

PACCAR INC
SEATTLE, WA

**POTENTIOMETRIC SURFACE
CONTOURS FOR SHALLOW ZONE
16 APRIL 2002 (LOW TIDE)**

016110.00/P02SK009

FIGURE 9

* MEASUREMENT IS THE WATER ELEVATION IN WELL MW-6A. HYDROCARBON PRODUCT MEASURED 0.19 FEET ABOVE WATER ELEVATION.

DRAFT

**DRAFT BASELINE GROUNDWATER STUDY
REPORT
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON**

Submitted to

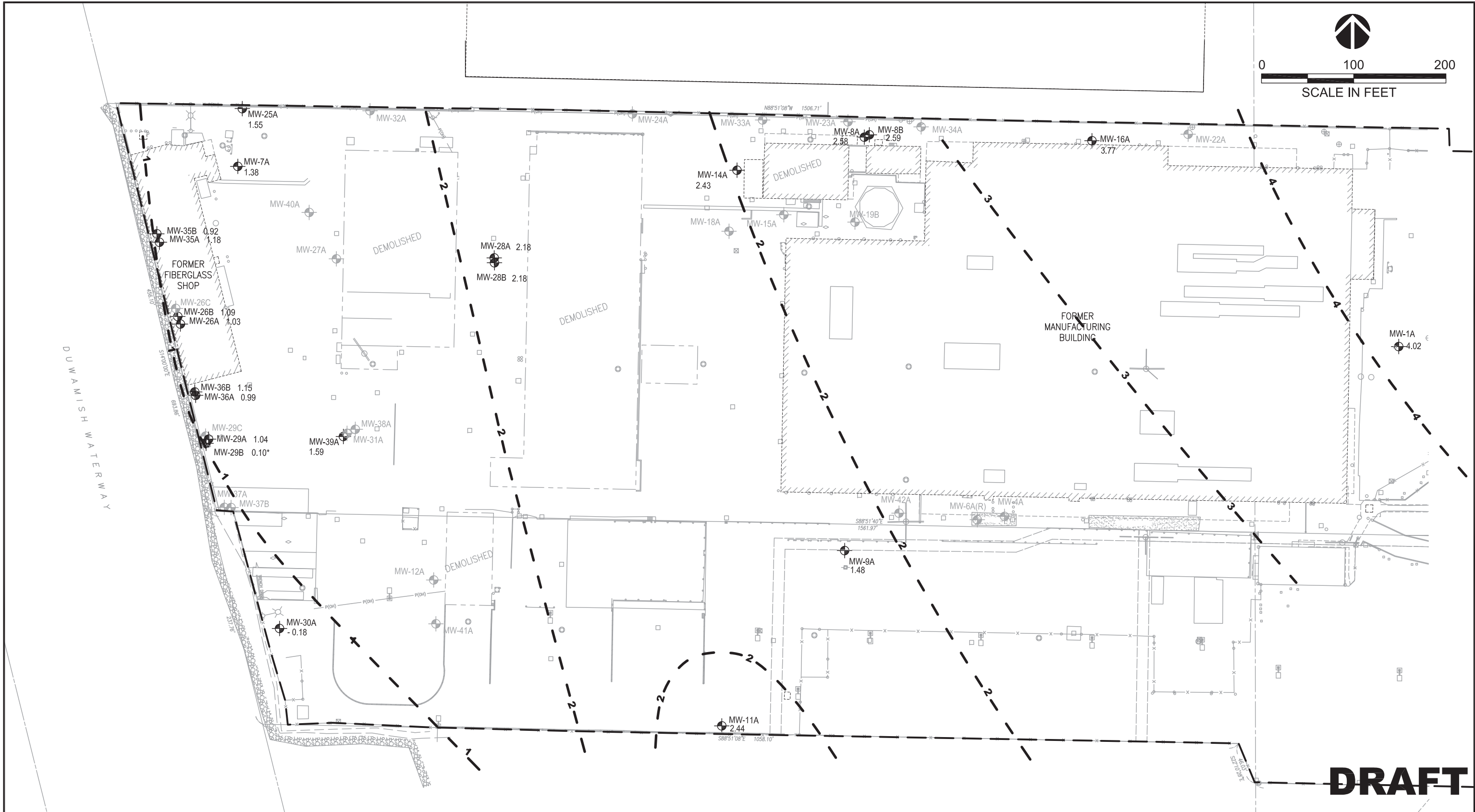
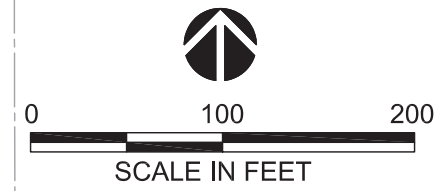
PACCAR, Inc.
777-106th Avenue N.E.
Bellevue, Washington 98004

Submitted by

AMEC Earth & Environmental, Inc.
11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034

April 14, 2006

5-91M-14995-C



DRAFT

LEGEND

MW-35A MONITORING WELL LOCATIONS

MW-41A MONITORING WELL LOCATIONS NOT USED FOR THIS GRADIENT MAP

NOTE

DATA FROM 29B NOT USED IN GRADIENT MAP

CLIENT: PACCAR INC.		DWN BY: BT	PROJECT BASELINE GROUNDWATER STUDY 8801 EAST MARGINAL WAY TUKWILA, WASHINGTON	DATE: MARCH, 2006
AMEC Earth & Environmental 11335 N.E. 122nd Way, Suite 100 Kirkland, WA, U.S.A. 98034-6918		CHK'D BY: MS	TITLE POTENTIOMETRIC SURFACE WATER GRADIENT SHALLOW AQUIFER, MARCH 6, 2006	PROJECT NO: 5-91M-14995-C
		DATUM: NONE		REV. NO.: 0
		PROJECTION: NONE		FIGURE No. FIGURE 3
		SCALE: 1" = 100'		

DRAFT

**DRAFT DRY SEASON GROUNDWATER
STUDY REPORT
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON**

Submitted to:

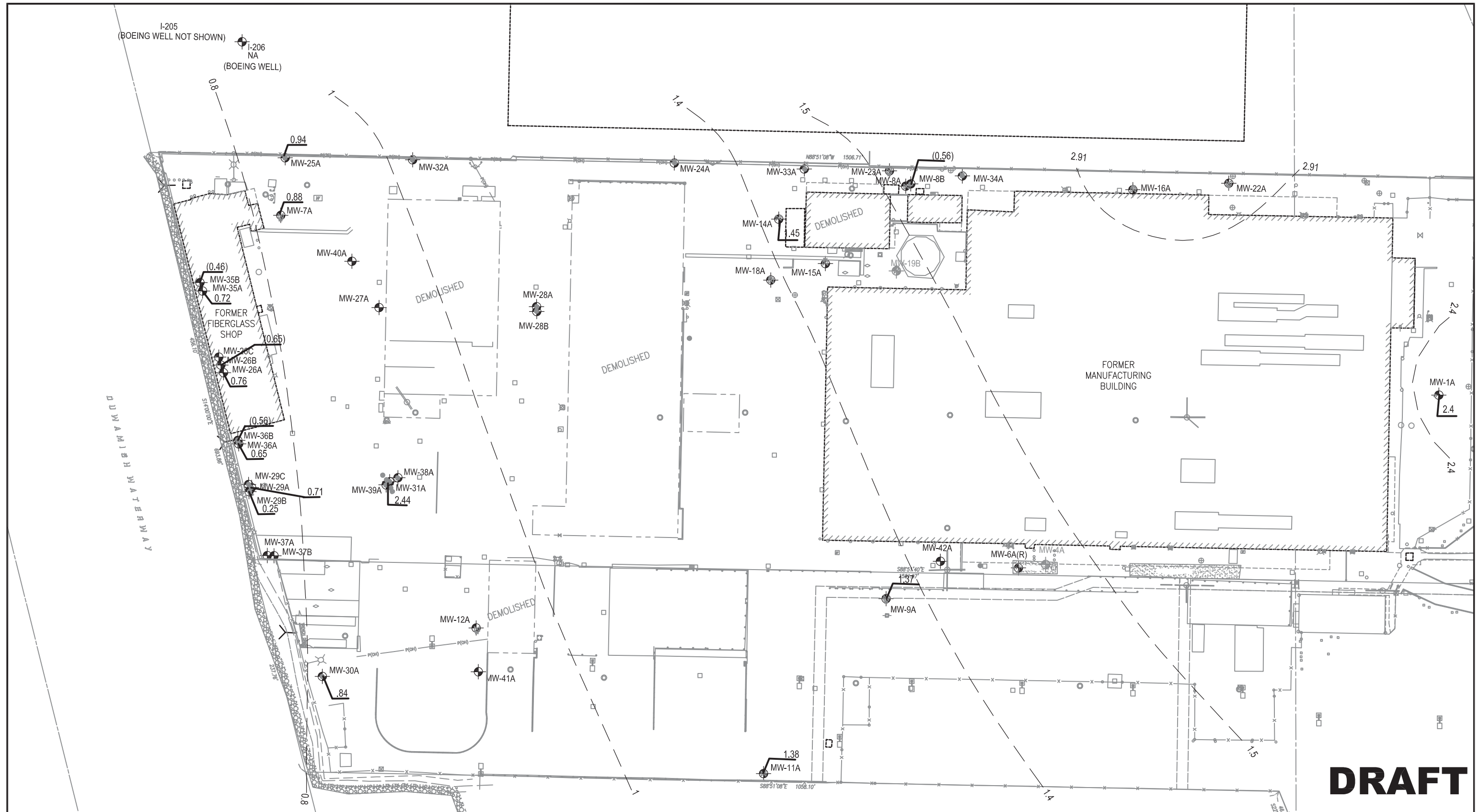
PACCAR Inc.
777-106th Avenue N.E.
Bellevue, Washington 98004

Submitted by:

AMEC Earth & Environmental, Inc.
11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034

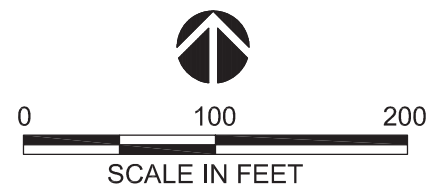
February 23, 2007

5-91M-14995-C



LEGEND

- MW-35A MONITORING WELL LOCATIONS
- 2.47 GROUNDWATER ELEVATION (FT. ABOVE MEAN SEA LEVEL)
- (0.56) NOT INCLUDED IN CONTOURING
- GROUNDWATER CONTOUR



CLIENT: PACCAR INC.	DWN BY: DFA BT CHK'D BY: MS DATUM: NONE PROJECTION: NONE SCALE: 1" = 100'	PROJECT AUGUST 2006 GROUNDWATER STUDY-DRY SEASON 8801 EAST MARGINAL WAY TUKWILA, WASHINGTON TITLE POTENTOMETRIC GROUNDWATER GRADIENT SHALLOW AQUIFER AUGUST 15, 2006	DATE: FEBRUARY, 2007 PROJECT NO: 5-91M-14995-C REV. NO.: 0 FIGURE No. FIGURE 3
AMEC Earth & Environmental 11335 N.E. 122nd Way, Suite 100 Kirkland, WA, U.S.A. 98034-6918			

FINAL REMEDIAL INVESTIGATION REPORT

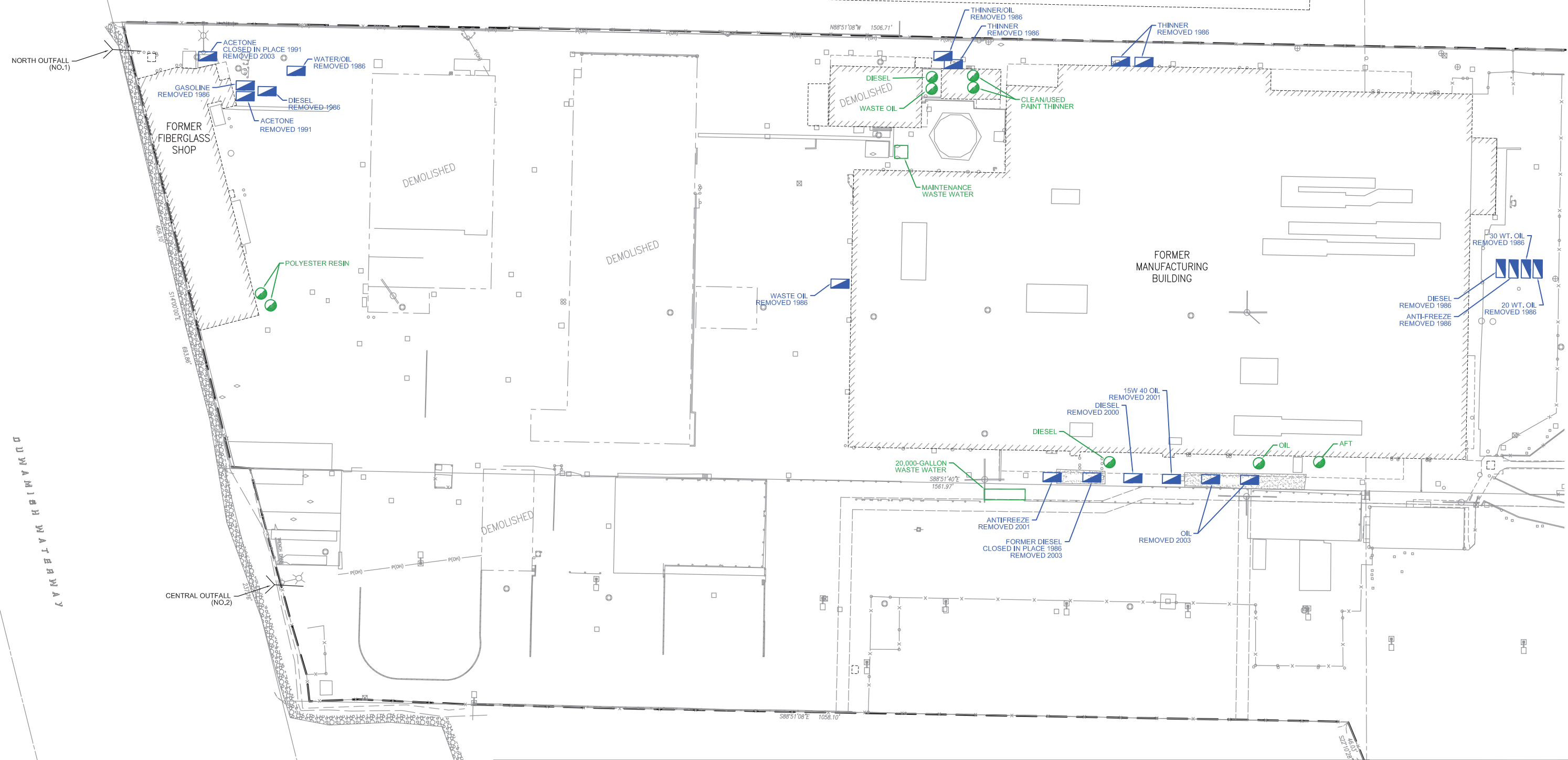
8801 East Marginal Way South
Tukwila, Washington
AGREED ORDER Number 6069

Prepared by:

AMEC Earth & Environmental, Inc.
11810 North Creek Parkway North
Bothell, Washington 98011

March 18, 2011

Project No. 9-915-14995-L



LEGEND

- FORMER UNDERGROUND STORAGE TANKS (UST) WITH REMOVAL DATES
- FORMER ABOVEGROUND STORAGE TANKS (AST)
- FORMER WASTE WATER ABOVEGROUND STORAGE TANKS
- ATF AUTOMATIC TRANSMISSION FLUID

CLIENT: <p style="text-align: center;">PACCAR INC</p>	DWN BY: <p style="text-align: center;">JRS</p>	PROJECT <p style="text-align: center;">8801 SITE 8801 EAST MARGINAL WAY SOUTH Tukwila, Washington</p>	DATE: <p style="text-align: center;">NOVEMBER 2010</p>
AMEC Earth & Environmental 11810 North Creek Parkway North Bothell, WA, U.S.A. 98011-8201 	CHK'D BY: <p style="text-align: center;">MS</p>	TITLE <p style="text-align: center;">8801 SITE FORMER UNDERGROUND AND ABOVEGROUND STORAGE TANK LOCATIONS</p>	PROJECT NO: <p style="text-align: center;">9-915-14995-L</p>
	DATUM: <p style="text-align: center;">NONE</p>		REV. NO.: <p style="text-align: center;">0</p>
	PROJECTION: <p style="text-align: center;">NONE</p>		FIGURE No. <p style="text-align: center;">3</p>
	SCALE: <p style="text-align: center;">AS SHOWN</p>		

Table 2 UST Contents and Location

Number of USTs	Contents	Location
4	Paint thinner (typically non-chlorinated, constituents not documented and varied over time), oil	North of Manufacturing Building (North Fire Aisle)
6	Antifreeze, diesel, and oil	South of Manufacturing Building (South Fire Aisle)
4	Antifreeze, diesel, and oil	East of Manufacturing Building
1	Waste oil	West of Manufacturing Building
4	Diesel, gasoline, water/oil and acetone	Near Fiberglass Shop
1	New, state-of-the-art UST replacement (1987) for older acetone-containing UST	Adjacent to Fiberglass Shop

Twelve ASTs of various capacities that stored fresh paint thinner, used paint thinner, diesel fuel, oil, liquid polyester resin, and automatic transmission fluid were also located at the 8801 site (Table 3). The ASTs were placed in secondary containments and vaults to prevent possible releases or leaks from the tanks.

Table 3 AST Contents and Location

Number of ASTs	Contents and Capacity	Location
2	300 and 500 gallon storing clean and used paint thinner	Northwest of Manufacturing Building
1	12,000 gallon storing diesel	
1	200 gallon storing waste oil	
2	10,000-gallon ASTs storing liquid polyester resin	Fiberglass Shop
1	10,000 gallon storing diesel	South of Manufacturing Building (South Fire Aisle)
4	500 gallon storing various grades of oils	
1	660 gallon storing automatic transmission fluid	

Two wastewater ASTs were also present at the 8801 site. A 1,000-gallon AST containing wastewater from steam-cleaning was previously located north of the Manufacturing Building. In 1989, a 20,000-gallon AST was installed south of the Manufacturing Building to store process water from various on-site operations. Before 1999/2000, water from the wastewater AST was disposed of off-site as hazardous waste. However, after 2000, the wastewater from this AST was re-evaluated as non-hazardous and discharged to the sanitary sewer under the site's Permit from King County Department of Metropolitan Services (Metro) (Kennedy/Jenks 2003c).

REPORT



**FINAL
SEDIMENT EVALUATION DATA REPORT
8801 EAST MARGINAL WAY SOUTH PROPERTY**

Prepared for

PACCAR Inc
Business Center Building
777 106th Avenue NE
Bellevue, Washington 98004

Prepared by

Anchor QEA, LLC
1423 Third Avenue, Suite 300
Seattle, Washington 98101

June 2009

Table 9-4
Sediment Core Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:			AN-041 AN041-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-041 AN041-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-041 AN041-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-041 AN041-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-041 AN041-SC-080211-E 2/11/08 4 - 5 ft Normal	AN-041 AN041-SC-080211-F 2/11/08 5 - 6 ft Normal	AN-042 AN042-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-042 AN042-SC-080211-B 2/11/08 1 - 2 ft Normal
Sediment Grain Size (%)										
Gravel	--	--	0.1	0.3	0.8	1.5	1.7	3.1	0.2	0.1
Sand	--	--	18.7	29.7	21	6.1	19.1	94.5	37.2	12.4
Silt	--	--	69	56.8	61.3	66.3	62.6	--	52.8	71.6
Clay	--	--	12.1	13.3	17	26	16.8	--	9.9	15.8
Total Fines (silt + clay)	--	--	81.2	70.1	78.2	92.4	79.3	2.5	62.6	87.4
Conventional Parameters (%)										
Total organic carbon	--	--	1.58	1.71	2.57	3.88	2.46	0.558	1.55	2.10
Total solids	--	--	57.20	67.10	61.00	56.1	62.60	80.20	59.70	60.70
Metals (mg/kg dw)										
Arsenic	57	93	11.9	11.9	17.6	13.5	9.3	7.0	8.8	14.8
Cadmium	5.1	6.7	0.7	1.2	0.9	0.5	0.3 U	0.2 U	0.9	1.3
Chromium	260	270	31.3	24.7	26.9	29	21.6	11.3	33.1 J	42.2 J
Copper	390	390	81.4	40.3	40.5	53	34.5	10.6	47.2 J	93.8 J
Lead	450	530	37	17	21	22	14	2	57 J	58 J
Mercury	0.41	0.59	0.28	0.18	0.23	0.29	0.16	0.06 U	0.22	0.32
Silver	6.1	6.1	0.6 J	0.3 J	0.3 J	0.4 UJ	0.3 UJ	0.2 UJ	0.7	0.8
Zinc	410	960	119	85	79	94	70	28	109	142
PCB Aroclors (mg/kg-OC dw)										
Aroclor 1016	--	--	6.27 U	1.17 U	0.381 U	--	0.398 U	1.76 U	7.1 U	0.471 U
Aroclor 1221	--	--	6.27 U	1.17 U	0.381 U	--	0.398 U	1.76 U	7.1 U	0.471 U
Aroclor 1232	--	--	6.27 U	1.17 U	0.381 U	--	0.398 U	1.76 U	7.1 U	0.471 U
Aroclor 1242	--	--	11.4	1.17 U	0.381 U	--	0.398 U	1.76 U	7.1 U	0.471 U
Aroclor 1248	--	--	6.27 U	1.17 U	0.381 U	--	0.398 U	1.76 U	42.6 U	0.471 U
Aroclor 1254	--	--	40.5	5.85	0.381 U	--	0.398 U	1.76 U	96.8	52.4
Aroclor 1260	--	--	15.2	6.43	1.75	--	0.398 U	1.76 U	21.3 U	--
Aroclor 1262	--	--	6.27 U	1.17 U	0.381 U	--	0.398 U	1.76 U	7.1 U	0.471 U
Aroclor 1268	--	--	6.27 U	1.17 U	0.381 U	--	0.398 U	1.76 U	7.1 U	0.471 U
Total PCB (SMS)	12	65	67.1 ‡	12.3 †	1.75	--	0.398 U	1.76 U	96.8 ‡	52.4 †
Aromatic Hydrocarbons (mg/kg-OC dw)										
Total LPAH (SMS)	370	780	4.87	1.05	2.72	--	2.72	3.58 U	8.65	13.7
Naphthalene	99	170	1.27 UJ	1.17 UJ	0.467 J	--	0.407 J	3.58 UJ	1.29 UJ	0.905 J
Acenaphthylene	66	66	1.27 UJ	1.17 UJ	0.778 U	--	0.813 UJ	3.58 UJ	1.29 UJ	0.952 UJ
Acenaphthene	16	57	0.696 J	1.17 U	0.778 U	--	0.813 U	3.58 U	0.774 J	0.905 J
Fluorene	23	79	1.27 U	1.17 U	0.778 U	--	0.407 J	3.58 U	0.903 J	1.67
Phenanthrene	100	480	3.29	1.05 J	1.32	--	1.91	3.58 U	5.29	7.62
Anthracene	220	1200	0.886 J	1.17 U	0.428 J	--	0.813 U	3.58 U	1.68	2.62
2-Methylnaphthalene	38	64	1.27 U	1.17 U	0.778 UJ	--	0.813 U	3.58 U	1.29 UJ	1.33
Total HPAH (SMS)	960	5300	19.3	4.5	9.8	--	7.52	3.58 U	61.2	34.3
Total PAH (SMS)	--	--	24.2	5.56	12.5	--	10.2	3.58 U	69.9	48
Fluoranthene	160	1200	4.37	1.87	2.45	--	3.21	3.58 U	19.4	8.1
Pyrene	1000	1400	4.24	1.35	1.63	--	1.95	3.58 UJ	16.1	7.62
Benzo(a)anthracene	110	270	1.58	1.17 UJ	0.7 J	--	0.569 J	3.58 UJ	5.35	3.57
Chrysene	110	460	1.9	0.643 J	0.934	--	0.732 J	3.58 U	3.87	4.43
Benzo(b)fluoranthene	--	--	2.03	0.643 J	0.856	--	0.61 J	3.58 U	5.94	3.24
Benzo(k)fluoranthene	--	--	1.71	1.17 U	0.623 J	--	0.447 J	3.58 U	3.81	2.43
Total Benzofluoranthenes (SMS)	230	450	3.73	0.643 J	1.48	--	1.06 J	3.58 U	9.74	5.67

Table 9-4
Sediment Core Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	SMS SQS or LAET ¹	SMS CSL or 2LAET ¹	AN-041 AN041-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-041 AN041-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-041 AN041-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-041 AN041-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-041 AN041-SC-080211-E 2/11/08 4 - 5 ft Normal	AN-041 AN041-SC-080211-F 2/11/08 5 - 6 ft Normal	AN-042 AN042-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-042 AN042-SC-080211-B 2/11/08 1 - 2 ft Normal
Benzo(a)pyrene	99	210	1.58	1.17 U	0.584 J	--	0.813 U	3.58 U	4.19	3.38
Indeno(1,2,3-cd)pyrene	34	88	0.886 J	1.17 U	0.778 U	--	0.813 U	3.58 U	1.42	0.762 J
Dibenzo(a,h)anthracene	12	33	0.392 U	0.363 U	0.237 U	--	0.248 U	1.08 U	0.4 U	0.295 U
Benzo(g,h,i)perylene	31	78	1.01 J	1.17 U	0.381 J	--	0.813 U	3.58 U	1.16 J	0.762 J
Chlorinated Benzenes (mg/kg-OC dw)										
1,2-Dichlorobenzene	2.3	2.3	0.392 UJ	0.363 UJ	0.237 UJ	--	0.248 UJ	1.08 UJ	0.4 UJ	0.295 UJ
1,4-Dichlorobenzene	3.1	9	0.392 U	0.363 U	0.237 U	--	0.248 U	1.08 U	0.4 U	0.295 U
1,2,4-Trichlorobenzene	0.81	1.8	0.392 UJ	0.363 UJ	0.237 UJ	--	0.248 U	1.08 U •	0.4 U	0.295 U
Hexachlorobenzene	0.38	2.3	0.392 U •	0.363 U	0.237 U	--	0.248 U	1.08 U •	0.4 U •	0.295 U
Phthalate Esters (mg/kg-OC dw)										
Dimethylphthalate	53	53	1.27 UJ	0.877 U	0.584 U	--	0.61 U	2.69 U	1.55	0.714 U
Diethylphthalate	61	110	1.27 UJ	1.17 UJ	0.778 U	--	0.813 UJ	3.58 UJ	1.29 UJ	0.952 UJ
Di-n-butylphthalate	220	1700	1.27 U	1.17 U	0.778 U	--	0.813 U	3.58 U	2	0.762 J
Butylbenzylphthalate	4.9	64	4.05	0.877 U	0.584 U	--	0.61 U	2.69 U	8.39 †	0.714 U
bis(2-Ethylhexyl)phthalate	47	78	3.35	1.17 U	0.778 U	--	0.813 U	3.58 U	11.6	4.29
Di-n-octylphthalate	58	4500	1.27 UJ	1.17 UJ	0.778 U	--	0.813 UJ	3.58 UJ	1.29 UJ	0.952 UJ
Miscellaneous (mg/kg-OC dw)										
Dibenzofuran	15	58	1.27 U	1.17 U	0.778 U	--	0.813 U	3.58 U	0.839 J	0.571 J
Hexachlorobutadiene	3.9	6.2	0.392 UJ	0.363 UJ	0.237 UJ	--	0.248 UJ	1.08 UJ	0.4 U	0.295 U
n-Nitroso-di-phenylamine	11	11	1.08 UJ	0.994 UJ	0.506 UJ	--	0.65 UJ	1.08 UJ	0.645 UJ	0.952 UJ
Ionizable Organic Compounds (µg/kg dw)										
Phenol	420	1200	18 J	20 U	20 U	20 U	20 U	20 U	20 U	14 J
2-Methylphenol	63	63	6.2 U	6.2 U	6.1 U	6.1 U	6.1 U	6.0 U	6.2 UJ	6.2 UJ
4-Methylphenol	670	670	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	17 J
2,4-Dimethylphenol	29	29	6.2 UJ	6.2 UJ	6.1 UJ	6.1 UJ	6.1 UJ	6.0 UJ	6.2 UJ	6.2 UJ
Pentachlorophenol	360	690	31 UJ	31 UJ	30 UJ	31 UJ	30 UJ	30 UJ	31 UJ	31 UJ
Benzyl alcohol	57	73	20 U	20 UJ	20 U	20 U	20 UJ	20 UJ	20 U	20 U
Benzoic acid	650	650	200 U	200 U	130 J	200 U	200 U	200 U	200 U	200 U
PCB Aroclors (µg/kg dw)¹										
Aroclor 1016	--	--	99 U	20 U	9.8 U	9.9 U	9.8 U	9.8 U	110 U	9.9 U
Aroclor 1221	--	--	99 U	20 U	9.8 U	9.9 U	9.8 U	9.8 U	110 U	9.9 U
Aroclor 1232	--	--	99 U	20 U	9.8 U	9.9 U	9.8 U	9.8 U	110 U	9.9 U
Aroclor 1242	--	--	180	20 U	9.8 U	9.9 U	9.8 U	9.8 U	110 U	9.9 U
Aroclor 1248	--	--	99 U	20 U	9.8 U	9.9 U	9.8 U	9.8 U	660 U	9.9 U
Aroclor 1254	--	--	640	100	9.8 U	9.9 U	9.8 U	9.8 U	1500	1100
Aroclor 1260	--	--	240	110	45	9.9 U	9.8 U	9.8 U	330 U	300
Aroclor 1262	--	--	99 U	20 U	9.8 U	9.9 U	9.8 U	9.8 U	110 U	9.9 U
Aroclor 1268	--	--	99 U	20 U	9.8 U	9.9 U	9.8 U	9.8 U	110 U	9.9 U
Total PCB (SMS)	130	1000	1060	210	45	9.9 U	9.8 U	9.8 U	1500	1400
Aromatic Hydrocarbons (µg/kg dw)¹										
Total LPAH (SMS)	5200	13000	77	18	57	47	67	20 U	134	288
Naphthalene	2100	2400	20 UJ	20 UJ	12 J	20 UJ	10 J	20 UJ	20 UJ	19 J
Acenaphthylene	1300	1300	20 UJ	20 UJ	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	500	730	11 J	20 U	20 U	20 U	20 U	20 U	12 J	19 J
Fluorene	540	1000	20 U	20 U	20 U	11 J	10 J	20 U	14 J	35
Phenanthrene	1500	5400	52	18 J	34	36	47	20 U	82 J	160 J
Anthracene	960	4400	14 J	20 U	11 J	20 U	20 U	20 U	26 J	55 J

Table 9-4
Sediment Core Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	SMS SQS or LAET ¹	SMS CSL or 2LAET ¹	AN-041 AN041-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-041 AN041-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-041 AN041-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-041 AN041-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-041 AN041-SC-080211-E 2/11/08 4 - 5 ft Normal	AN-041 AN041-SC-080211-F 2/11/08 5 - 6 ft Normal	AN-042 AN042-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-042 AN042-SC-080211-B 2/11/08 1 - 2 ft Normal
2-Methylnaphthalene	670	1400	20 U	20 U	20 UJ	11 J	20 U	20 U	20 UJ	28 J
Total HPAH (SMS)	12000	17000	305	77	210	188	185	20 U	949	720
Total PAH (SMS)	--	--	382	95	267	235	252	20 U	1080	1010
Fluoranthene	1700	2500	69	32	63	52	79	20 U	300	170
Pyrene	2600	3300	67	23 J	42	38	48 J	20 UJ	250	160
Benzo(a)anthracene	1300	1600	25 J	20 UJ	18 J	12 J	14 J	20 UJ	83 J	75 J
Chrysene	1400	2800	30	11 J	24	18 J	18 J	20 U	60 J	93 J
Benzo(k)fluoranthene	--	--	27	20 U	16 J	15 J	11 J	20 U	59	51
Benzo(b)fluoranthene	--	--	32	11 J	22	16 J	15 J	20 U	92	68
Total Benzofluoranthenes (SMS)	3200	3600	59	11 J	38	31 J	26 J	20 U	151	119
Benzo(a)pyrene	1600	3000	25	20 U	15 J	13 J	20 U	20 U	65	71
Indeno(1,2,3-cd)pyrene	600	690	14 J	20 U	20 U	10 J	20 U	20 U	22	16 J
Dibenzo(a,h)anthracene	230	540	6.2 U	6.2 U	6.1 U	6.1 U	6.1 U	6.0 U	6.2 U	6.2 U
Benzo(g,h,i)perylene	670	720	16 J	20 U	9.8 J	14 J	20 U	20 U	18 J	16 J
Chlorinated Benzenes (µg/kg dw)¹										
1,2-Dichlorobenzene	35	50	6.2 UJ	6.2 UJ	6.1 UJ	6.1 UJ	6.1 UJ	6.0 UJ	6.2 UJ	6.2 UJ
1,4-Dichlorobenzene	110	120	6.2 U	6.2 U	6.1 U	6.1 U	6.1 U	6.0 U	6.2 U	6.2 U
1,2,4-Trichlorobenzene	31	51	6.2 UJ	6.2 UJ	6.1 UJ	6.1 UJ	6.1 U	6.0 U	6.2 U	6.2 U
Hexachlorobenzene	22	70	6.2 U	6.2 U	6.1 U	6.1 U	6.1 U	6.0 U	6.2 U	6.2 U
Phthalate Esters (µg/kg dw)¹										
Dimethylphthalate	71	160	20 UJ	15 U	15 U	15 U	15 U	15 U	24 J	15 U
Diethylphthalate	200	1200	20 UJ	20 UJ	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Di-n-butylphthalate	1400	5100	20 U	20 U	20 U	20 U	20 U	20 U	31 J	16 J
Butylbenzylphthalate	63	900	64	15 U	15 U	15 U	15 U	15 U	130	15 U
bis(2-Ethylhexyl)phthalate	1300	1900	53	20 U	20 U	20 U	20 U	20 U	180 J	90 UJ
Di-n-octylphthalate	6200	--	20 UJ	20 UJ	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Miscellaneous (µg/kg dw)¹										
Dibenzofuran	540	700	20 U	20 U	20 U	20 U	20 U	20 U	13 J	12 J
Hexachlorobutadiene	11	120	6.2 UJ	6.2 UJ	6.1 UJ	6.1 UJ	6.1 UJ	6.0 UJ	6.2 U	6.2 U
n-Nitroso-di-phenylamine	--	--	17 UJ	17 UJ	13 UJ	14 UJ	16 UJ	6.0 UJ	10 UJ	20 UJ

Table 9-4
Sediment Core Sample Results

Location ID:	AN-042	AN-042	AN-042	AN-042	AN-043	AN-043	AN-043	AN-043	AN-043
Sample ID:	AN042-SC-080211-C	AN042-SC-080211-D	AN042-SC-080211-E	AN042-SC-080211-F	AN043-SC-080211-A	AN043-SC-080211-B	AN043-SC-080211-C	AN043-SC-080211-D	AN043-SC-080211-E
Sample Date:	2/11/08	2/11/08	2/11/08	2/11/08	2/11/08	2/11/08	2/11/08	2/11/08	2/11/08
Depth:	2 - 3 ft	3 - 4 ft	4 - 5 ft	5 - 5.75 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	4 - 5 ft
Sample Type:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sediment Grain Size (%)									
Gravel	1.2	0.1	0.2	0.2	2.7	7.2	2.1	0.01	0.01
Sand	12.7	24.5	56.7	96.8	61.7	32.5	76	99.5	99.3
Silt	70.3	55.7	35	--	28.5	47.6	17.5	--	--
Clay	15.6	19.8	8.1	--	7.3	12.6	4.4	--	--
Total Fines (silt + clay)	86.1	75.5	43.0	3	35.7	60.2	21.9	0.6	0.7
Conventional Parameters (%)									
Total organic carbon	2.32	3.23	1.09	0.162	1.06	2.86	3.03	0.061	0.069
Total solids	59.20	59.1	70.40	80	66.30	59.70	74.5	81.3	89.8
Metals (mg/kg dw)									
Arsenic	33.9	9.6	5.1	1.3	7.2	10.9	10.2	1.2	1.2
Cadmium	2.0	0.3	0.3 U	0.2 U	0.6	16.9 ‡	0.4	0.2 U	0.2 U
Chromium	38.0 J	23.3 J	15.7 J	9.8 J	30.0 J	514 J‡	19.0 J	7.5 J	10.7 J
Copper	45.8 J	39.7 J	22.6 J	9.3 J	36.0 J	141 J	23.6 J	8.9 J	8.9 J
Lead	36 J	19 J	8 J	2 J	78 J	2530 J‡	16 J	1 J	1 J
Mercury	0.25	0.18	0.11	0.05 U	0.09	1.51 ‡	0.09	0.05 U	0.04 U
Silver	0.9	0.3 U	0.3 U	0.2 U	0.3 U	2.3	0.8	0.2 U	0.2 U
Zinc	109	76	45	23	112	1250 ‡	54	21	23
PCB Aroclors (mg/kg-OC dw)									
Aroclor 1016	0.427 U	--	0.908 U	--	0.925 U	0.346 U	--	--	--
Aroclor 1221	0.427 U	--	0.908 U	--	0.925 U	0.346 U	--	--	--
Aroclor 1232	0.427 U	--	0.908 U	--	0.925 U	0.346 U	--	--	--
Aroclor 1242	0.427 U	--	0.908 U	--	0.925 U	0.346 U	--	--	--
Aroclor 1248	0.427 U	--	0.908 U	--	3.68 U	0.346 U	--	--	--
Aroclor 1254	1.72 U	--	0.908 U	--	25.5	52.4	--	--	--
Aroclor 1260	0.427 U	--	0.908 U	--	4.62 U	10.8	--	--	--
Aroclor 1262	9.48	--	0.908 U	--	0.925 U	0.346 U	--	--	--
Aroclor 1268	0.427 U	--	0.908 U	--	0.925 U	0.346 U	--	--	--
Total PCB (SMS)	9.48	--	0.908 U	--	25.5 †	63.3 †	--	--	--
Aromatic Hydrocarbons (mg/kg-OC)									
Total LPAH (SMS)	6.38	--	8.07	--	17.7	76.9	--	--	--
Naphthalene	2.33	--	2.84	--	0.925 J	3.5	--	--	--
Acenaphthylene	0.819 J	--	1.74 J	--	1.89 UJ	3.46 UJ	--	--	--
Acenaphthene	0.862 U	--	1.83 U	--	1.51 J	10.8	--	--	--
Fluorene	0.603 J	--	1.83 U	--	1.32 J	4.2	--	--	--
Phenanthrene	2.11	--	3.49	--	11.3	31.8	--	--	--
Anthracene	0.517 J	--	1.83 UJ	--	2.64	26.6	--	--	--
2-Methylnaphthalene	0.69 J	--	1.83 UJ	--	1.04 J	2.66 J	--	--	--
Total HPAH (SMS)	10.6	--	15	--	118	409	--	--	--
Total PAH (SMS)	17	--	23.1	--	136	486	--	--	--
Fluoranthene	3.36	--	5.69	--	29.2	161 †	--	--	--
Pyrene	2.59	--	4.22	--	21.7	97.9	--	--	--
Benzo(a)anthracene	0.733 J	--	0.917 J	--	8.3	31.8	--	--	--
Chrysene	1.03	--	1.19 J	--	12.3	49	--	--	--
Benzo(b)fluoranthene	0.905	--	1.1 J	--	15.1	23.4	--	--	--
Benzo(k)fluoranthene	0.819 J	--	1.01 J	--	11.3	18.9	--	--	--
Total Benzofluoranthenes (SMS)	1.72	--	2.11 J	--	26.4	42.3	--	--	--

Table 9-4
Sediment Core Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	AN-042 AN042-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-042 AN042-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-042 AN042-SC-080211-E 2/11/08 4 - 5 ft Normal	AN-042 AN042-SC-080211-F 2/11/08 5 - 5.75 ft Normal	AN-043 AN043-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-043 AN043-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-043 AN043-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-043 AN043-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-043 AN043-SC-080211-E 2/11/08 4 - 5 ft Normal
Benzo(a)pyrene	0.733 J	--	0.917 J	--	10.4	18.2	--	--	--
Indeno(1,2,3-cd)pyrene	0.862 U	--	1.83 U	--	3.87	4.2	--	--	--
Dibenzo(a,h)anthracene	0.263 U	--	0.569 U	--	1.42 J	1.43	--	--	--
Benzo(g,h,i)perylene	0.431 J	--	1.83 U	--	3.21	3.85	--	--	--
Chlorinated Benzenes (mg/kg-OC d)									
1,2-Dichlorobenzene	0.263 UJ	--	0.569 UJ	--	0.575 UJ	0.629 UJ	--	--	--
1,4-Dichlorobenzene	0.263 U	--	0.569 U	--	0.575 U	0.629 U	--	--	--
1,2,4-Trichlorobenzene	0.263 U	--	0.569 U	--	0.575 U	0.629 U	--	--	--
Hexachlorobenzene	0.263 U	--	0.569 U •	--	0.575 U •	0.629 U •	--	--	--
Phthalate Esters (mg/kg-OC dw)									
Dimethylphthalate	0.647 U	--	1.38 U	--	2.26	1.61 U	--	--	--
Diethylphthalate	0.862 UJ	--	1.83 UJ	--	1.89 UJ	3.46 UJ	--	--	--
Di-n-butylphthalate	0.862 UJ	--	1.83 UJ	--	1.98	8.39	--	--	--
Butylbenzylphthalate	0.647 U	--	1.38 U	--	5.38 †	1.61 U	--	--	--
bis(2-Ethylhexyl)phthalate	0.862 UJ	--	1.83 UJ	--	31.1	38.5	--	--	--
Di-n-octylphthalate	0.862 UJ	--	1.83 UJ	--	1.89 UJ	3.46 UJ	--	--	--
Miscellaneous (mg/kg-OC dw)									
Dibenzofuran	0.862 UJ	--	1.83 UJ	--	1.23 J	3.36 J	--	--	--
Hexachlorobutadiene	0.263 U	--	0.569 U	--	0.575 U	0.629 U	--	--	--
n-Nitroso-di-phenylamine	0.69 UJ	--	0.679 UJ	--	0.943 UJ	7.69 UJ	--	--	--
Ionizable Organic Compounds (µg/l)									
Phenol	20 U	20 U	20 U	20 U	20 U	99 U	20 U	20 U	19 U
2-Methylphenol	6.1 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.1 UJ	18 UJ	6.2 UJ	6.1 UJ	6.2 U
4-Methylphenol	24 J	20 UJ	20 UJ	20 UJ	20 UJ	67 J	20 UJ	20 UJ	19 UJ
2,4-Dimethylphenol	6.1 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.1 UJ	54 J †	6.2 UJ	6.1 UJ	6.2 UJ
Pentachlorophenol	30 UJ	31 UJ	31 UJ	30 UJ	31 UJ	93 UJ	31 UJ	30 UJ	31 UJ
Benzyl alcohol	20 U	20 U	20 U	20 U	20 UJ	99 U •	20 U	20 U	19 U
Benzoic acid	200 U	200 U	200 U	200 U	200 U	990 U •	200 U	200 U	190 U
PCB Aroclors (µg/kg dw)¹									
Aroclor 1016	9.9 U	9.8 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	9.8 U	9.7 U
Aroclor 1221	9.9 U	9.8 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	9.8 U	9.7 U
Aroclor 1232	9.9 U	9.8 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	9.8 U	9.7 U
Aroclor 1242	9.9 U	9.8 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	9.8 U	9.7 U
Aroclor 1248	9.9 U	9.8 U	9.9 U	9.8 U	39 U	9.9 U	9.8 U	9.8 U	9.7 U
Aroclor 1254	40 U	11	9.9 U	9.8 U	270	1500	9.8 U	9.8 U	9.7 U
Aroclor 1260	9.9 U	9.8 U	9.9 U	9.8 U	49 U	310	9.8 U	9.8 U	9.7 U
Aroclor 1262	220	9.8 U	9.9 U	9.8 U	9.8 U	9.9 U	55	9.8 U	9.7 U
Aroclor 1268	9.9 U	9.8 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	9.8 U	9.7 U
Total PCB (SMS)	220	11	9.9 U	9.8 U	270	1810	55	9.8 U	9.7 U
Aromatic Hydrocarbons (µg/kg dw)									
Total LPAH (SMS)	148	41	88	20 U	188	2200	207 J	20 U	19 U
Naphthalene	54 J	11 J	31 J	20 UJ	9.8 J	100 J	58 J	20 UJ	19 UJ
Acenaphthylene	19 J	20 UJ	19 J	20 UJ	20 UJ	99 UJ	32 J	20 UJ	19 UJ
Acenaphthene	20 U	20 U	20 U	20 U	16 J	310	12 J	20 U	19 U
Fluorene	14 J	20 U	20 U	20 U	14 J	120	14 J	20 U	19 U
Phenanthrene	49 J	30 J	38 J	20 UJ	120 J	910 J	74 J	20 UJ	19 UJ
Anthracene	12 J	20 UJ	20 UJ	20 UJ	28 J	760 J	17 J	20 UJ	19 UJ

Table 9-4
Sediment Core Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	AN-042 AN042-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-042 AN042-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-042 AN042-SC-080211-E 2/11/08 4 - 5 ft Normal	AN-042 AN042-SC-080211-F 2/11/08 5 - 5.75 ft Normal	AN-043 AN043-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-043 AN043-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-043 AN043-SC-080211-C 2/11/08 2 - 3 ft Normal	AN-043 AN043-SC-080211-D 2/11/08 3 - 4 ft Normal	AN-043 AN043-SC-080211-E 2/11/08 4 - 5 ft Normal
2-Methylnaphthalene	16 J	20 UJ	20 UJ	20 UJ	11 J	76 J	10 J	20 UJ	19 UJ
Total HPAH (SMS)	246	153	164	20 U	1260	11700	330	20 U	19 U
Total PAH (SMS)	394	194	252	20 U	1440	13900	537	20 U	19 U
Fluoranthene	78	51	62	20 U	310	4600	130	20 U	19 U
Pyrene	60	36	46	20 U	230 J	2800	85	20 U	19 U
Benzo(a)anthracene	17 J	12 J	10 J	20 UJ	88 J	910 J	21 J	20 UJ	19 UJ
Chrysene	24 J	16 J	13 J	20 UJ	130 J	1400 J	28 J	20 UJ	19 UJ
Benzo(k)fluoranthene	19 J	16 J	11 J	20 U	120	540	19 J	20 U	19 U
Benzo(b)fluoranthene	21	11 J	12 J	20 U	160	670	27	20 U	19 U
Total Benzofluoranthenes (SMS)	40	27 J	23 J	20 U	280	1210	46	20 U	19 U
Benzo(a)pyrene	17 J	11 J	10 J	20 U	110	520	20 J	20 U	19 U
Indeno(1,2,3-cd)pyrene	20 U	20 U	20 U	20 U	41	120	20 U	20 U	19 U
Dibenzo(a,h)anthracene	6.1 U	6.1 U	6.2 U	6.1 U	15 J	41	6.2 U	6.1 U	6.2 U
Benzo(g,h,i)perylene	10 J	20 U	20 U	20 U	34	110	20 U	20 U	19 U
Chlorinated Benzenes (µg/kg dw)1									
1,2-Dichlorobenzene	6.1 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.1 UJ	18 UJ	6.2 UJ	6.1 UJ	6.2 UJ
1,4-Dichlorobenzene	6.1 U	6.1 U	6.2 U	6.1 U	6.1 U	18 U	6.2 U	6.1 U	6.2 U
1,2,4-Trichlorobenzene	6.1 U	6.1 U	6.2 U	6.1 U	6.1 U	18 U	6.2 U	6.1 U	6.2 UJ
Hexachlorobenzene	6.1 U	6.1 U	6.2 U	6.1 U	6.1 U	18 U	6.2 U	6.1 U	6.2 U
Phthalate Esters (µg/kg dw)1									
Dimethylphthalate	15 U	15 U	15 U	15 U	24	46 U	16 U	15 U	16 U
Diethylphthalate	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	99 UJ	20 UJ	20 UJ	19 UJ
Di-n-butylphthalate	20 UJ	20 UJ	20 UJ	20 UJ	21 J	240 J	20 UJ	20 UJ	19 UJ
Butylbenzylphthalate	15 U	15 U	15 U	15 U	57	46 U	16 U	15 U	16 U
bis(2-Ethylhexyl)phthalate	20 UJ	20 UJ	20 UJ	20 UJ	330 J	1100 J	20 UJ	20 UJ	19 UJ
Di-n-octylphthalate	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	99 UJ	20 UJ	20 UJ	19 UJ
Miscellaneous (µg/kg dw)1									
Dibenzofuran	20 UJ	20 UJ	20 UJ	20 UJ	13 J	96 J	10 J	20 UJ	19 UJ
Hexachlorobutadiene	6.1 U	6.1 U	6.2 U	6.1 U	6.1 U	18 U	6.2 U	6.1 U	6.2 UJ
n-Nitroso-di-phenylamine	16 UJ	10 UJ	7.4 UJ	6.1 UJ	10 UJ	220 UJ	6.2 UJ	6.1 UJ	6.2 UJ

Table 9-4
Sediment Core Sample Results

Location ID:	AN-043	AN-044	AN-044	AN-044	AN-044	AN-044	AN-044	AN-044	AN-044
Sample ID:	AN043-SC-080211-F	AN044-SC-080211-A	AN044-SC-080211-B	AN094-SC-080211-B	AN044-SC-080211-C	AN044-SC-080211-D	AN044-SC-080211-E	AN044-SC-080211-F	
Sample Date:	2/11/08	2/11/08	2/11/08	2/12/08	2/11/08	2/11/08	2/11/08	2/11/08	2/11/08
Depth:	5 - 6 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	2 - 3.5 ft	3.5 - 4.5 ft	4.5 - 5.5 ft	5.5 - 6.5 ft	
Sample Type:	Normal	Normal	Normal	Field Duplicate	Normal	Normal	Normal	Normal	Normal
Sediment Grain Size (%)									
Gravel	0.3	1.0	10.4	1.1	0.1	0.6	0.6	1.1	
Sand	98.5	18.9	31.7	34.2	66.1	96.5	99.2	98.7	
Silt	--	65.2	45.3	50.8	27.7	2.3	--	--	
Clay	--	15	12.5	13.8	6	0.6	--	--	
Total Fines (silt + clay)	1.2	80.1	57.9	64.7	33.6	2.9	0.2	0.1	
Conventional Parameters (%)									
Total organic carbon	0.076	2.30	2.79	2.17	1.05	0.291	0.125	0.348	
Total solids	87.6	62.70	65.60	65.10	74.10	93.3	93.7	93.7	
Metals (mg/kg dw)									
Arsenic	1.3	14.3	23.2	21.6	4.3	2	2.1	1.9	
Cadmium	0.2 U	1.6	1.5	1.6	0.3 U	0.2 U	0.2 U	0.2 U	
Chromium	12.2 J	67.9	37.4	40.4	13.1	9.2	9.1	11.9	
Copper	9.8 J	68.8	46.9	51.5	18.3	9.9	10.1	9.3	
Lead	1 J	161	52	63	7	1	1	1	
Mercury	0.05 U	0.34	0.24	0.27	0.06	0.04 U	0.05 U	0.04 U	
Silver	0.2 U	1.4 J	1.7 J	1.8 J	0.3 UJ	0.2 UJ	0.2 UJ	0.2 UJ	
Zinc	24	167	100	108	37	22	23	24	
PCB Aroclors (mg/kg-OC dw)									
Aroclor 1016	--	8.7 U	1.76 U	2.3 U	0.943 U	--	--	--	
Aroclor 1221	--	8.7 U	1.76 U	2.3 U	0.943 U	--	--	--	
Aroclor 1232	--	8.7 U	1.76 U	2.3 U	0.943 U	--	--	--	
Aroclor 1242	--	21.7	1.76 U	2.3 U	0.943 U	--	--	--	
Aroclor 1248	--	8.7 U	1.76 U	2.3 U	0.943 U	--	--	--	
Aroclor 1254	--	87	8.6	8.76	0.943 U	--	--	--	
Aroclor 1260	--	22.2	8.24	8.29	0.943 U	--	--	--	
Aroclor 1262	--	8.7 U	1.76 U	2.3 U	0.943 U	--	--	--	
Aroclor 1268	--	8.7 U	1.76 U	2.3 U	0.943 U	--	--	--	
Total PCB (SMS)	--	131 ‡	16.8 †	17.1 †	0.943 U	--	--	--	
Aromatic Hydrocarbons (mg/kg-OC)									
Total LPAH (SMS)	--	4.65	2.01	5.21	1.43	--	--	--	
Naphthalene	--	0.435 J	0.43 J	1.06	1.9 UJ	--	--	--	
Acenaphthylene	--	0.87 U	0.717 UJ	0.553 J	1.9 UJ	--	--	--	
Acenaphthene	--	0.87 U	0.717 U	0.922 U	1.9 U	--	--	--	
Fluorene	--	0.435 J	0.717 U	0.553 J	1.9 U	--	--	--	
Phenanthrene	--	2.61	1.22	2.3	1.43 J	--	--	--	
Anthracene	--	1.17	0.358 J	0.737 J	1.9 U	--	--	--	
2-Methylnaphthalene	--	0.565 J	0.717 U	0.599 J	1.9 U	--	--	--	
Total HPAH (SMS)	--	40.2	11	19.7	4.29	--	--	--	
Total PAH (SMS)	--	44.9	13	24.9	5.71	--	--	--	
Fluoranthene	--	11.3	3.15	5.53	2.38	--	--	--	
Pyrene	--	8.26	2.51	4.42	1.9	--	--	--	
Benzo(a)anthracene	--	3.13	0.824	1.47	1.9 UJ	--	--	--	
Chrysene	--	4.35	1.08	1.89	1.9 U	--	--	--	
Benzo(b)fluoranthene	--	3.65	0.753	1.57	1.9 U	--	--	--	
Benzo(k)fluoranthene	--	4.17	0.932	1.52	1.9 U	--	--	--	
Total Benzofluoranthenes (SMS)	--	7.83	1.68	3.09	1.9 U	--	--	--	

**Table 9-4
Sediment Core Sample Results**

Location ID: Sample ID: Sample Date: Depth: Sample Type:	AN-043 AN043-SC-080211-F 2/11/08 5 - 6 ft Normal	AN-044 AN044-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-044 AN044-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-044 AN094-SC-080211-B 2/12/08 1 - 2 ft Field Duplicate	AN-044 AN044-SC-080211-C 2/11/08 2 - 3.5 ft Normal	AN-044 AN044-SC-080211-D 2/11/08 3.5 - 4.5 ft Normal	AN-044 AN044-SC-080211-E 2/11/08 4.5 - 5.5 ft Normal	AN-044 AN044-SC-080211-F 2/11/08 5.5 - 6.5 ft Normal
Benzo(a)pyrene	--	3	0.645 J	1.29	1.9 U	--	--	--
Indeno(1,2,3-cd)pyrene	--	1.17	0.502 J	0.876 J	1.9 U	--	--	--
Dibenzo(a,h)anthracene	--	0.783 U	0.219 U	0.286 U	0.581 U	--	--	--
Benzo(g,h,i)perylene	--	1.17	0.609 J	1.15	1.9 U	--	--	--
Chlorinated Benzenes (mg/kg-OC d)								
1,2-Dichlorobenzene	--	0.783 UJ	0.219 UJ	0.286 UJ	0.581 UJ	--	--	--
1,4-Dichlorobenzene	--	0.783 U	0.219 U	0.286 U	0.581 U	--	--	--
1,2,4-Trichlorobenzene	--	0.783 UJ	0.219 UJ	0.286 UJ	0.581 UJ	--	--	--
Hexachlorobenzene	--	0.783 U •	0.219 U	0.286 U	0.581 U •	--	--	--
Phthalate Esters (mg/kg-OC dw)								
Dimethylphthalate	--	2.09	0.538 U	0.737 U	1.43 U	--	--	--
Diethylphthalate	--	0.87 U	0.717 UJ	0.922 UJ	1.9 UJ	--	--	--
Di-n-butylphthalate	--	3.09	0.717 U	0.922 U	1.9 U	--	--	--
Butylbenzylphthalate	--	10.4 †	0.538 U	0.737 U	1.43 U	--	--	--
bis(2-Ethylhexyl)phthalate	--	12.6	0.753	1.06	1.9 U	--	--	--
Di-n-octylphthalate	--	0.87 U	0.717 UJ	0.922 UJ	1.9 UJ	--	--	--
Miscellaneous (mg/kg-OC dw)								
Dibenzofuran	--	0.87 U	0.717 U	0.922 U	1.9 U	--	--	--
Hexachlorobutadiene	--	0.783 UJ	0.219 UJ	0.286 UJ	0.581 UJ	--	--	--
n-Nitroso-di-phenylamine	--	0.87 UJ	0.717 UJ	0.922 UJ	0.581 UJ	--	--	--
Ionizable Organic Compounds (µg/l)								
Phenol	20 U	28	20 U	21	25	83	15 J	170
2-Methylphenol	6.2 U	18 U	6.1 U	6.2 U	6.1 U	6.0 U	6.0 U	5.9 UJ
4-Methylphenol	20 UJ	20 U	20 U	17 J	20 U	20 U	20 UJ	20 U
2,4-Dimethylphenol	6.2 UJ	18 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.0 UJ	6.0 UJ	5.9 UJ
Pentachlorophenol	31 UJ	90 UJ	30 UJ	31 UJ	31 UJ	30 UJ	30 UJ	30 UJ
Benzyl alcohol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzoic acid	200 U	130 J	200 U	200 U	200 U	200 U	200 U	200 U
PCB Aroclors (µg/kg dw)1								
Aroclor 1016	9.8 U	200 U	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1221	9.8 U	200 U	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1232	9.8 U	200 U	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1242	9.8 U	500	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1248	9.8 U	200 U	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1254	9.8 U	2000	240	190	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1260	9.8 U	510	230	180	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1262	9.8 U	200 U	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Aroclor 1268	9.8 U	200 U	49 U	50 U	9.9 U	10 U	9.9 U	9.9 U
Total PCB (SMS)	9.8 U	3010	470	370	9.9 U	10 U	9.9 U	9.9 U
Aromatic Hydrocarbons (µg/kg dw)								
Total LPAH (SMS)	20 U	107	56	113	15	20 U	20 UJ	20 U
Naphthalene	20 UJ	10 J	12 J	23 J	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthylene	20 UJ	20 U	20 UJ	12 J	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U
Fluorene	20 U	10 J	20 U	12 J	20 U	20 U	20 UJ	20 U
Phenanthrene	20 UJ	60	34	50	15 J	20 U	20 UJ	20 U
Anthracene	20 UJ	27	10 J	16 J	20 U	20 U	20 UJ	20 U

**Table 9-4
Sediment Core Sample Results**

Location ID: Sample ID: Sample Date: Depth: Sample Type:	AN-043 AN043-SC-080211-F 2/11/08 5 - 6 ft Normal	AN-044 AN044-SC-080211-A 2/11/08 0 - 1 ft Normal	AN-044 AN044-SC-080211-B 2/11/08 1 - 2 ft Normal	AN-044 AN094-SC-080211-B 2/12/08 1 - 2 ft Field Duplicate	AN-044 AN044-SC-080211-C 2/11/08 2 - 3.5 ft Normal	AN-044 AN044-SC-080211-D 2/11/08 3.5 - 4.5 ft Normal	AN-044 AN044-SC-080211-E 2/11/08 4.5 - 5.5 ft Normal	AN-044 AN044-SC-080211-F 2/11/08 5.5 - 6.5 ft Normal
2-Methylnaphthalene	20 UJ	13 J	20 U	13 J	20 U	20 U	20 UJ	20 U
Total HPAH (SMS)	20 U	925	307	428	45	20 U	20 U	20 U
Total PAH (SMS)	20 U	1030	363	541	60	20 U	20 U	20 U
Fluoranthene	20 U	260	88	120	25	20 U	20 U	20 U
Pyrene	20 U	190	70	96	20	20 U	20 U	20 U
Benzo(a)anthracene	20 UJ	72	23 J	32 J	20 UJ	20 UJ	20 UJ	20 UJ
Chrysene	20 UJ	100	30	41	20 U	20 U	20 UJ	20 U
Benzo(k)fluoranthene	20 U	96	26	33	20 U	20 U	20 U	20 UJ
Benzo(b)fluoranthene	20 U	84	21	34	20 U	20 U	20 U	20 UJ
Total Benzofluoranthenes (SMS)	20 U	180	47	67	20 U	20 U	20 U	20 UJ
Benzo(a)pyrene	20 U	69	18 J	28	20 U	20 U	20 UJ	20 UJ
Indeno(1,2,3-cd)pyrene	20 U	27	14 J	19 J	20 U	20 U	20 U	20 UJ
Dibenzo(a,h)anthracene	6.2 U	18 U	6.1 U	6.2 U	6.1 U	6.0 U	6.0 U	5.9 U
Benzo(g,h,i)perylene	20 U	27	17 J	25	20 U	20 U	20 U	20 UJ
Chlorinated Benzenes (µg/kg dw)¹								
1,2-Dichlorobenzene	6.2 UJ	18 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.0 UJ	6.0 UJ	5.9 UJ
1,4-Dichlorobenzene	6.2 U	18 U	6.1 U	6.2 U	6.1 U	6.0 U	6.0 U	5.9 U
1,2,4-Trichlorobenzene	6.2 UJ	18 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.0 UJ	6.0 UJ	5.9 UJ
Hexachlorobenzene	6.2 U	18 U	6.1 U	6.2 U	6.1 U	6.0 U	6.0 U	5.9 U
Phthalate Esters (µg/kg dw)¹								
Dimethylphthalate	15 U	48	15 U	16 U	15 U	15 U	15 U	15 U
Diethylphthalate	20 UJ	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Di-n-butylphthalate	20 UJ	71	20 U	20 U	20 U	20 U	20 UJ	20 U
Butylbenzylphthalate	15 U	240	15 U	16 U	15 U	15 U	15 U	15 U
bis(2-Ethylhexyl)phthalate	20 UJ	290	21	23	20 U	20 U	20 UJ	20 U
Di-n-octylphthalate	20 UJ	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Miscellaneous (µg/kg dw)¹								
Dibenzofuran	20 UJ	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U
Hexachlorobutadiene	6.2 UJ	18 UJ	6.1 UJ	6.2 UJ	6.1 UJ	6.0 UJ	6.0 UJ	5.9 UJ
n-Nitroso-di-phenylamine	6.2 UJ	20 UJ	20 UJ	20 UJ	6.1 UJ	6.0 UJ	6.0 UJ	5.9 UJ

Notes:

- 1 Indicates LAET/2LAET criteria. These criteria are only used when organic carbon normalization is inappropriate (i.e., organic carbon less than 0.5% or greater than 3%).
- † Detected concentration is greater than SMS SQS or LAET
- ‡ Detected concentration is greater than SMS CSL or 2LAET
- Non-detected concentration is above one or more identified screening values

Bold = Detected result

% = percent

Normal = Normal field sample

Field Duplicate = Duplicate of normal field sample

SMS = Washington State Sediment Management Standards (WAC 173-204)

SQS = Sediment Quality Standard

CSL = Cleanup Screening Level

J = Estimated value

U = Compound analyzed, but not detected above reporting limit

UJ = Compound analyzed, but not detected above estimated reporting limit

R = Rejected

µg/kg dw = micrograms per kilogram dry weight

mg/kg-OC dw = milligrams per kilogram organic carbon

Table 9-2
Sediment Dioxin/Furans Results

Location ID	AN-010	AN-011	AN-012	AN-013	AN-017	AN-018	AN-019	AN-020	AN-025	AN-027	AN-028	AN-029
Sample ID	AN010-SS-061024	AN011-SS-061024	AN012-SS-061024	AN013-SS-061205	AN017-SS-061024	AN018-SS-061024	AN019-SS-061024	AN020-SS-061024	AN025-SS-061025	AN027-SS-061025	AN028-SS-061025	AN029-SS-061025
Sample Date	10/24/2006	10/24/2006	10/24/2006	12/5/2006	10/24/2006	10/24/2006	10/24/2006	10/24/2006	10/25/2006	10/25/2006	10/25/2006	10/25/2006
Depth Interval	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm
Dioxins/Furans (ng/kg)												
1,2,3,4,6,7,8-HpCDD	180	270	420	160	170	200	430	130	190	230	250	160
1,2,3,4,6,7,8-HpCDF	33	28	51	37	25	34	46	21	39	73	49	40
1,2,3,4,7,8,9-HpCDF	2.7 U	2.8 U	3.9 U	4.7 U	1.8 U	2.6 U	6.0 J	1.8 U	3.4 U	5.4 U	2.7 U	3.2 U
1,2,3,4,7,8-HxCDD	1.8 U	1.9 U	2.9 U	1.3 U	1.8 U	2.1 U	2.7 U	2.1 U	3.3 U	3.8 U	1.9 U	2.4 U
1,2,3,4,7,8-HxCDF	4.6 U	2.3 U	5.2 U	13	4.3 U	4.4 U	11	4.4 U	8.0 J	14	4.8 J	6.9 J
1,2,3,6,7,8-HxCDD	7.0 J	9.5	13	5.5 J	6.9 J	7.9 J	13	6.0 J	9.3	12	10	6.8 J
1,2,3,6,7,8-HxCDF	1.6 U	1.7 U	2.2 U	5.6 J	1.9 U	2.0 U	5.5 J	1.8 U	6.6 J	12	2.2 U	4.0 U
1,2,3,7,8,9-HxCDD	5.2 U	6.7 J	9.3 J	4.2 U	5.2 U	5.4 U	6.8 J	4.4 U	6.7 J	7.2 J	4.0 J	5.8 J
1,2,3,7,8,9-HxCDF	0.28 U	0.22 U	0.29 U	2.1 U	1.0 U	0.62 U	0.25 U	0.20 U	0.34 U	0.52 U	0.17 U	0.31 U
1,2,3,7,8-PeCDD	1.3 U	2.3 U	2.2 U	1.2 U	1.3 U	1.2 U	1.1 U	0.94 U	3.2 U	3.7 U	1.1 U	1.7 U
1,2,3,7,8-PeCDF	0.54 U	0.85 U	1.0 U	2.2 U	1.1 U	0.98 U	1.2 U	1.0 U	7.7 J	10 J	1.6 U	3.8 U
2,3,4,6,7,8-HxCDF	1.1 U	1.1 U	1.6 U	2.6 U	1.5 U	1.5 U	1.9 U	1.5 U	6.0 J	13	1.9 U	3.7 U
2,3,4,7,8-PeCDF	1.4 U	1.6 U	1.7 U	4.3 U	1.8 U	2.0 U	4.0 U	2.0 U	12	18	2.9 U	5.2 J
2,3,7,8-TCDD	0.56 U	1.4 J	0.71 U	0.41 U	0.56 U	0.40 U	0.92 U	0.42 U	1.3 J	1.5 J	0.51 U	0.45 U
2,3,7,8-TCDF	1.1 J	1.7 J	1.8 J	3.1	1.9 J	2.8	3.1	2.0	16	19	3.1	6.3
OCDD	1600	2600	5000	1200	1600	1800	3900	1100	1300	1900	2100	1400
OCDF	160	120	220	150	80	130	210	64	68	100	180	90
Total TEC*	6.4	10.3	14.3	8.2	6.4	7.2	14.9	5.2	17.6	24.9	9.1	10.0

Notes:

*Total TEC is calculated by taking a sum of the TEC values for individual dioxin and furan congeners. Individual TEC values are calculated by multiplying the congener's sediment concentration by its respective toxicity equivalency factor (TEF). For congeners not reported, the reporting limits were divided by two and used in the calculations.

Bold = reported result

ng/kg = nanograms per kilogram

J = estimated value

U = compound was analyzed but not reported above the associated value

**Table 9-3
Surficial Sediment Pesticide Results**

Location ID	AN-025	AN-027	AN-028	AN-029
Sample ID	AN025-SS-061025	AN027-SS-061025	AN028-SS-061025	AN029-SS-061025
Sample Date	10/25/2006	10/25/2006	10/25/2006	10/25/2006
Depth Interval	0-10 cm	0-10 cm	0-10 cm	0-10 cm
Pesticides ($\mu\text{g}/\text{kg}$)				
2,4'-DDD	16 U	19 U	15 U	9.8 U
2,4'-DDE	16 U	19 U	15 U	9.8 U
2,4'-DDT	16 U	19 U	15 U	9.8 U
4,4'-DDD	16 U	19 U	15 U	9.8 U
4,4'-DDE	16 U	19 U	15 U	9.8 U
4,4'-DDT	16 U	86 UY	28 UY	22 UY
Aldrin	7.8 U	9.7 U	7.4 U	4.9 U
alpha-BHC	7.8 U	9.7 U	7.4 U	4.9 U
beta-BHC	7.8 U	9.7 U	7.4 U	4.9 U
delta-BHC	7.8 U	9.7 U	7.4 U	40 UY
gamma-BHC (Lindane)	7.8 U	9.7 U	7.4 U	4.9 U
alpha-Chlordane	7.8 U	9.7 U	7.4 U	4.9 U
gamma-Chlordane	9.8 UY	9.7 U	7.4 U	4.9 U
Dieldrin	16 U	19 U	15 U	9.8 U
Endosulfan I	7.8 U	9.7 U	7.4 U	4.9 U
Endosulfan II	16 U	19 U	15 U	9.8 U
Endosulfan Sulfate	16 U	19 U	15 U	9.8 U
Endrin	16 U	19 U	15 U	9.8 U
Endrin aldehyde	16 U	19 U	15 U	9.8 U
Endrin ketone	16 U	19 U	15 U	9.8 U
Heptachlor	7.8 U	9.7 U	7.4 U	4.9 U
Heptachlor Epoxide	18 UY	21 UY	7.4 U	4.9 U
Methoxychlor	78 U	97 U	74 U	49 U
Toxaphene	780 U	970 U	740 U	490 U
cis-Nonachlor	16 U	19 U	15 U	9.8 U
trans-Nonachlor	16 U	19 U	15 U	9.8 U
Total Chlordane (SMS)	16 U	19 U	15 U	9.8 U
Total DDT (SMS)	16 U	86 U	28 U	22 U

Notes:

$\mu\text{g}/\text{kg}$ = micrograms per kilogram

U = compound was analyzed but not reported above the associated value

UY = raised reporting limit due to background interference. Compound not reported above the associated value

Table 9-1
Surficial Sediment Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	SMS SQS or LAET ¹	SMS CSL or 2LAET ¹	AN-007 AN007-SS-061024 10/24/06 Normal 0-10 cm	AN-008 AN008-SS-061205 12/5/06 Normal 0-10 cm	AN-009 AN009-SS-061024 10/24/06 Normal 0-10 cm	AN-010 AN010-SS-061024 10/24/06 Normal 0-10 cm	AN-011 AN011-SS-061024 10/24/06 Normal 0-10 cm	AN-012 AN012-SS-061024 10/24/06 Normal 0-10 cm	AN-013 AN013-SS-061205 12/5/06 Normal 0-10 cm	AN-014 AN014-SS-061204 12/4/06 Normal 0-10 cm
Sediment Grain Size (%)										
Gravel	--	--	1.2	60.4	0.4	0.6	0.1	4.1	0.6	46.8
Sand	--	--	25.7	18	32.9	59.1	45.4	39.7	28.7	46.2
Silt	--	--	63.9	16.8	56.7	33.6	44.3	47.1	59.7	5.3
Clay	--	--	4.6	2.1	4.6	2.9	4.6	4.2	4.6	0.6
Total Fines (silt + clay)	--	--	68.5	18.9	61.3	36.5	48.9	51.3	64.3	5.9
Conventional Parameters (%)										
Total organic carbon (TOC)	--	--	2.58 J	2.90	3.02 J	2.00 J	2.02 J	1.92 J	1.94	0.717
Total solids	--	--	41.60	56.50	49.90	59.50	58.40	51.20	52.80	71.60
Metals (mg/kg dw)										
Arsenic	57	93	11.6	12.8	9.2	7.1	8.3	7.3	11.3	8.8
Cadmium	5.1	6.7	0.5 U	0.5	0.4 U	0.3 U	0.4	0.4 U	0.4	0.3 U
Chromium	260	270	27	24.9	24.2	17.8	21.1	23.6	23.4	13
Copper	390	390	51	66.3	35.1	26.9	39.7	40.2	51.4	77.1
Lead	450	530	22	19	15	84	33	28	30	18
Mercury	0.41	0.59	0.26	0.21	0.12	0.09	0.10	0.10	0.26	0.05 U
Silver	6.1	6.1	R	0.5	R	R	0.5 J	R	0.4	0.3
Zinc	410	960	119	106	89	69	97	124	115	146
PCB Aroclors (mg/kg-OC dw)										
Aroclor 1016	--	--	0.38 U	0.34 U	--	0.49 U	0.49 U	1.51 U	1.03 UY	1.35 U
Aroclor 1221	--	--	0.38 U	0.34 U	--	0.49 U	0.49 U	1.51 U	0.51 U	1.35 U
Aroclor 1232	--	--	0.38 U	0.34 U	--	0.49 U	0.49 U	1.51 U	1.49 UY	1.35 U
Aroclor 1242	--	--	0.35 J	0.34 U	--	0.5	1.09	1.51 U	1.03 UY	1.35 U
Aroclor 1248	--	--	0.38 U	0.34 U	--	0.49 U	0.49 U	1.51 U	1.49 UY	1.35 U
Aroclor 1254	--	--	1.67	1.14	--	4.4	7.92	5.21	27.84	3.91
Aroclor 1260	--	--	1.01	1.31	--	1.85	3.27	2.97	6.7	2.51
Aroclor 1262	--	--	0.38 U	0.34 U	--	0.49 U	0.49 U	1.51 U	0.51 U	1.35 U
Aroclor 1268	--	--	0.38 U	0.34 U	--	0.49 U	0.49 U	1.51 U	0.51 U	1.35 U
PCBs (SMS)	12	65	3.02	2.45	--	6.75	12.28 †	8.18	34.54 †	6.42
Aromatic Hydrocarbons (mg/kg-OC dw)										
Total LPAH (SMS)	370	780	6.98	0.9	--	17.1	3.37	9.17	4.33	229
Naphthalene	99	170	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	2.79 U
Acenaphthylene	66	66	0.78 U	0.69 U	--	0.65 J	0.99 U	1.04 U	1.03 U	2.79 U
Acenaphthene	16	57	0.78 U	0.69 U	--	0.85 J	0.99 U	1.04 U	1.03 U	13.25
Fluorene	23	79	0.78 U	0.69 U	--	0.95 J	0.99 U	1.04 U	1.03 U	13.95
Phenanthrene	100	480	5.81	0.9	--	13	2.57	7.81	3.35	167.36 †
Anthracene	220	1200	1.16	0.69 U	--	1.65	0.79 J	1.35	0.98 J	34.87
2-Methylnaphthalene	38	64	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	2.79 U
Total HPAH (SMS)	960	5300	97.4	9.14	--	144	51.1	130	39.4	686
Total PAH	--	--	104.38	10.04	--	161.1	54.47	139.17	43.73	915
Fluoranthene	160	1200	27.52	2.52	--	46	11.39	36.46	9.79	195.26 †
Pyrene	1000	1400	14.73	1.83	--	27.5 J	9.41	18.75	6.7	131.1
Benzo(a)anthracene	110	270	5.04	0.83	--	7.5	3.22	4.38 J	2.99	66.95
Chrysene	110	460	13.57	1.14	--	16	6.93	19.27	4.79	68.34
Benzo(b)fluoranthene	--	--	8.91	0.93	--	16	5.45	12.5 J	5.15	48.81
Benzo(k)fluoranthene	--	--	11.24	0.69 J	--	13	5.45	12.5 J	3.4	50.21
Benzo(a)pyrene	99	210	8.53	0.86	--	9	4.11	10.42 J	3.76	64.16
Indeno(1,2,3-cd)pyrene	34	88	3.49	0.69 U	--	4.3	2.28	6.77 J	1.39	25.1
Dibenzo(a,h)anthracene	12	33	1.12	0.69 U	--	0.9 J	0.5 J	1.77 J	1.03 U	12.27 †
Benzo(g,h,i)perylene	31	78	3.29	0.34 J	--	3.8	2.38	6.77 J	1.44	23.71
Chlorinated Benzenes (mg/kg-OC dw)										
1,2-Dichlorobenzene	2.3	2.3	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	2.79 U •
1,4-Dichlorobenzene	3.1	9	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	2.79 U
1,2,4-Trichlorobenzene	0.81	1.8	0.78 U	0.69 U	--	1 U •	0.99 U •	1.04 U •	1.03 U •	2.79 U •
Hexachlorobenzene	0.38	2.3	0.78 U •	0.69 U •	--	1 U •	0.99 U •	1.04 U •	1.03 U •	2.79 U •

Table 9-1
Surficial Sediment Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	SMS SQS or LAET ¹	SMS CSL or 2LAET ¹	AN-007 AN007-SS-061024 10/24/06 Normal 0-10 cm	AN-008 AN008-SS-061205 12/5/06 Normal 0-10 cm	AN-009 AN009-SS-061024 10/24/06 Normal 0-10 cm	AN-010 AN010-SS-061024 10/24/06 Normal 0-10 cm	AN-011 AN011-SS-061024 10/24/06 Normal 0-10 cm	AN-012 AN012-SS-061024 10/24/06 Normal 0-10 cm	AN-013 AN013-SS-061205 12/5/06 Normal 0-10 cm	AN-014 AN014-SS-061204 12/4/06 Normal 0-10 cm
Phthalate Esters (mg/kg-OC dw)										
Dimethylphthalate	53	53	0.93	0.69 U	--	0.65 J	0.99 U	4.01	1.6	2.79 U
Diethylphthalate	61	110	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	2.79 U
Di-n-butylphthalate	220	1700	1.01 U	0.69 U	--	1 U	0.99 U	3.33 U	0.62 J	2.79 U
Butyl benzyl phthalate	4.9	64	1.05	0.69 U	--	0.9 J	1.63	4.11	1.39	2.79 U
Bis(2-ethylhexyl)phthalate	47	78	6.2	0.76	--	4.55 U	5.94 U	15.62 U	4.69	4.04
Di-n-octylphthalate	58	4500	1.01	0.69 U	--	0.9 J	0.79 J	1.93	1.03 U	19.53
Miscellaneous (mg/kg-OC dw)										
Dibenzofuran	15	58	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	7.39
Hexachlorobutadiene	3.9	6.2	0.78 U	0.69 U	--	1 U	0.99 U	1.04 U	1.03 U	2.79 U
N-Nitrosodiphenylamine	11	11	0.78 UJ	0.69 UJ	--	1 UJ	0.99 UJ	1.04 UJ	1.03 UJ	2.79 UJ
Ionizable Organic Compounds (µg/kg dw)										
Phenol	420	1200	12 J	68	20 U	20 U	20 U	20 U	20 U	20 U
2-Methylphenol	63	63	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Methylphenol	670	670	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dimethylphenol	29	29	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Pentachlorophenol	360	690	99 U	99 U	100 U	99 U	99 U	99 U	99 U	97 U
Benzyl alcohol	57	73	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzoic acid	650	650	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
PCB Aroclors (µg/kg dw)										
Aroclor 1016	--	--	9.8 U	9.9 U	9.8 U	9.8 U	9.8 U	29 U	20 UY	9.7 U
Aroclor 1221	--	--	9.8 U	9.9 U	9.8 U	9.8 U	9.8 U	29 U	9.8 U	9.7 U
Aroclor 1232	--	--	9.8 U	9.9 U	9.8 U	9.8 U	9.8 U	29 U	29 UY	9.7 U
Aroclor 1242	--	--	9.0 J	9.9 U	11 J	10	22	29 U	20 UY	9.7 U
Aroclor 1248	--	--	9.8 U	9.9 U	9.8 U	9.8 U	9.8 U	29 U	29 UY	9.7 U
Aroclor 1254	--	--	43	33	46	88	160	100	540	28
Aroclor 1260	--	--	26	38	30	37	66	57	130	18
Aroclor 1262	--	--	9.8 U	9.9 U	9.8 U	9.8 U	9.8 U	29 U	9.8 U	9.7 U
Aroclor 1268	--	--	9.8 U	9.9 U	9.8 U	9.8 U	9.8 U	29 U	9.8 U	9.7 U
PCBs	130	1000	78	71	87	135	248	157	670	46
Aromatic Hydrocarbons (µg/kg dw)										
Total LPAH (SMS)	5200	13000	180	26	90	342	68	176	84	1645
Naphthalene	2100	2400	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthylene	1300	1300	20 U	20 U	20 U	13 J	20 U	20 U	20 U	20 U
Acenaphthene	500	730	20 U	20 U	20 U	17 J	20 U	20 U	20 U	95
Fluorene	540	1000	20 U	20 U	20 U	19 J	20 U	20 U	20 U	100
Phenanthrene	1500	5400	150	26	72	260	52	150	65	1200
Anthracene	960	4400	30	20 U	18 J	33	16 J	26	19 J	250
2-Methylnaphthalene	670	1400	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Total HPAH (SMS)	12000	17000	2514	265	966	2880	1032	2488	765	4918
Total PAH	--	--	--	--	--	--	--	--	--	--
Fluoranthene	1700	2500	710	73	280	920	230	700	190	1400
Pyrene	2600	3300	380	53	140	550 J	190	360	130	940
Benzo(a)anthracene	1300	1600	130	24	66	150	65	84 J	58	480
Chrysene	1400	2800	350	33	120	320	140	370	93	490
Benzo(k)fluoranthene	--	--	290	20 J	100	260	110	240 J	66	360
Benzo(b)fluoranthene	--	--	230	27	100	320	110	240 J	100	350
Benzofluoranthenes (SMS)	3200	3600	520	47	200	580	220	480	166	710
Benzo(a)pyrene	1600	3000	220	25	79	180	83	200 J	73	460
Indeno(1,2,3-cd)pyrene	600	690	90	20 U	40	86	46	130 J	27	180
Dibenzo(a,h)anthracene	230	540	29	20 U	20 U	18 J	10 J	34 J	20 U	88
Benzo(g,h,i)perylene	670	720	85	10 J	41	76	48	130 J	28	170

Table 9-1
Surficial Sediment Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	SMS SQS or LAET ¹	SMS CSL or 2LAET ¹	AN-007 AN007-SS-061024 10/24/06 Normal 0-10 cm	AN-008 AN008-SS-061205 12/5/06 Normal 0-10 cm	AN-009 AN009-SS-061024 10/24/06 Normal 0-10 cm	AN-010 AN010-SS-061024 10/24/06 Normal 0-10 cm	AN-011 AN011-SS-061024 10/24/06 Normal 0-10 cm	AN-012 AN012-SS-061024 10/24/06 Normal 0-10 cm	AN-013 AN013-SS-061205 12/5/06 Normal 0-10 cm	AN-014 AN014-SS-061204 12/4/06 Normal 0-10 cm
Chlorinated Benzenes (µg/kg dw)										
1,2-Dichlorobenzene	35	50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,4-Dichlorobenzene	110	120	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,2,4-Trichlorobenzene	31	51	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Hexachlorobenzene	22	70	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phthalate Esters (µg/kg dw)										
Dimethylphthalate	71	160	24	20 U	20 U	13 J	20 U	77	31	20 U
Diethylphthalate	200	1200	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Di-n-butylphthalate	1400	5100	26 U	20 U	20 U	20 U	20 U	64 U	12 J	20 U
Butyl benzyl phthalate	63	900	27	20 U	11 J	18 J	33	79	27	20 U
Bis(2-ethylhexyl)phthalate	1300	1900	160	22	100 U	91 U	120 U	300 U	91	29
Di-n-octylphthalate	6200	--	26	20 U	20 U	18 J	16 J	37	20 U	140
Miscellaneous (µg/kg dw)										
Dibenzofuran	540	700	20 U	20 U	20 U	20 U	20 U	20 U	20 U	53
Hexachlorobutadiene	11	120	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ

Table 9-1
Surficial Sediment Sample Results

Location ID:	AN-015	AN-016	AN-017	AN-018	AN-019	AN-020	AN-021	AN-022	AN-023
Sample ID:	AN015-SS-061204	AN016-SS-061024	AN017-SS-061024	AN018-SS-061024	AN019-SS-061024	AN020-SS-061024	AN021-SS-061025	AN022-SS-061025	AN023-SS-061025
Sample Date:	12/4/06	10/24/06	10/24/06	10/24/06	10/24/06	10/24/06	10/25/06	10/25/06	10/25/06
Depth:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sample Type:	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-9 cm
Sediment Grain Size (%)									
Gravel	60.9	0.1	0.1	0.1	0.2	0.9	0.3	0.6	1.1
Sand	33.7	18.5	48.6	38.5	42.1	50.6	59.4	49.2	49.2
Silt	3.8	68.9	43.2	53.4	47.4	40.3	33.5	42.6	40.9
Clay	0.5	6.4	3.5	4.1	4.2	3.5	2.7	3.5	4.1
Total Fines (silt + clay)	4.3	75.3	46.7	57.5	51.6	43.8	36.2	46.1	45
Conventional Parameters (%)									
Total organic carbon (TOC)	1.58	1.91 J	1.39 J	1.80 J	1.59 J	1.90 J	1.43	1.55	1.18
Total solids	68.40	44.10	56.20	52.30	59.30	59.20	61.70	55.60	59.70
Metals (mg/kg dw)									
Arsenic	6.0	11.1	8.5	8.1	8.6	10.4	7.7	8.5	8.9
Cadmium	0.3 U	0.4 U	0.3 U	0.4 U	0.4	0.4	0.3 U	0.3 U	0.3 U
Chromium	19.4	25	20.6	21.3	23.6	20.2	16.9	22.1	17.2
Copper	74.5	41	34.6	34.8	34.9	33.7	27.8	41.0	30.5
Lead	38	22	23	22	25	27	26	45	13
Mercury	0.06	0.14	0.08	0.15	0.10	0.10	0.10	0.09	0.13
Silver	0.3	R	R	R	0.5 J	0.3 J	0.3 U	0.4	0.3 U
Zinc	100	104	100	95	93	99	72 J	103 J	67 J
PCB Aroclors (mg/kg-OC dw)									
Aroclor 1016	0.62 U	0.51 U	0.71 U	0.55 U	0.61 U	0.52 U	4.55 U	3.81 U	0.83 U
Aroclor 1221	0.62 U	0.51 U	0.71 U	0.55 U	0.61 U	0.52 U	4.55 U	3.81 U	0.83 U
Aroclor 1232	0.62 U	0.51 U	0.71 U	0.55 U	0.61 U	0.52 U	4.55 U	3.81 U	0.83 U
Aroclor 1242	0.62 U	0.94	1.08	1.67 J	6.92	0.89 J	4.55 U	3.81 U	0.83 U
Aroclor 1248	0.62 U	0.51 U	0.71 U	0.55 U	0.61 U	0.52 U	4.55 U	3.81 U	0.83 U
Aroclor 1254	4.18	3.25	7.19	13.89	32.08	7.37	20.28	21.29	11.86
Aroclor 1260	2.66	2.51	3.67	3.78	9.43	3.37	6.78	6	4.24
Aroclor 1262	0.62 U	0.51 U	0.71 U	0.55 U	0.61 U	0.52 U	4.55 U	3.81 U	0.83 U
Aroclor 1268	0.62 U	0.51 U	0.71 U	0.55 U	0.61 U	0.52 U	4.55 U	3.81 U	0.83 U
PCBs (SMS)	6.84	6.7	11.94	19.33 †	48.43 †	11.63	27.06 †	27.29 †	16.1 †
Aromatic Hydrocarbons (mg/kg-OC dw)									
Total LPAH (SMS)	16.4	9.42	12.8	13.6	4.03	6.47	7.34	11	2.03
Naphthalene	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Acenaphthylene	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Acenaphthene	1.52	0.63 J	1.44 U	0.61 J	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Fluorene	1.71	0.73 J	1.44 U	0.72 J	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Phenanthrene	10.76	6.28	10.79	10.56	3.27	5.26	5.94	9.68	2.03
Anthracene	2.41	1.78	2.01	1.72	0.75 J	1.21	1.4	1.29	1.69 U
2-Methylnaphthalene	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Total HPAH (SMS)	47.5	84.8	149	140	40.3	81.4	85.2	98.3	19.6
Total PAH	63.9	94.22	161.8	153.6	44.33	87.87	92.54	109.3	21.63
Fluoranthene	12.66	16.23	38.85	39.44	11.95	17.89	16.08	20.65	3.73
Pyrene	8.86	15.18	21.58	20	8.18	13.68	13.99	18.71	3.39
Benzo(a)anthracene	4.11	7.33	8.63	8.33	2.58	5.26	5.87	6	1.53 J
Chrysene	5.25	10.99	18.71	18.33	4.09	8.42	9.09	11.61	2.88
Benzo(b)fluoranthene	4.05	8.38	16.55	17.22	3.46	8.42	9.09	8.39	2.2
Benzo(k)fluoranthene	3.29	9.42	14.39	10	4.09	9.47	9.09	10.97	1.78
Benzo(a)pyrene	7.34	17.8	30.9	27.2	7.55	17.9	18.2	19.4	3.98
Indeno(1,2,3-cd)pyrene	4.49	7.33	12.95	12.22	2.77	8.42	8.39	8.39	1.36 J
Indeno(1,2,3-cd)pyrene	2.34	3.93	7.91	6.11	1.57	4.26	5.73	5.94	1.1 J
Dibenzo(a,h)anthracene	1.27 U	1.52	2.73	2.17	1.26 U	1.53	1.54	1.16 J	1.69 U
Benzo(g,h,i)perylene	2.41	4.45	7.19	6.11	1.57	4	6.29	6.45	1.61 J
Chlorinated Benzenes (mg/kg-OC dw)									
1,2-Dichlorobenzene	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
1,4-Dichlorobenzene	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
1,2,4-Trichlorobenzene	1.27 U •	1.05 U •	1.44 U •	1.11 U •	1.26 U •	1.05 U •	1.4 U •	1.29 U •	1.69 U •
Hexachlorobenzene	1.27 U •	1.05 U •	1.44 U •	1.11 U •	1.26 U •	1.05 U •	1.4 U •	1.29 U •	1.69 U •

Table 9-1
Surficial Sediment Sample Results

Location ID:	AN-015	AN-016	AN-017	AN-018	AN-019	AN-020	AN-021	AN-022	AN-023
Sample ID:	AN015-SS-061204	AN016-SS-061024	AN017-SS-061024	AN018-SS-061024	AN019-SS-061024	AN020-SS-061024	AN021-SS-061025	AN022-SS-061025	AN023-SS-061025
Sample Date:	12/4/06	10/24/06	10/24/06	10/24/06	10/24/06	10/24/06	10/25/06	10/25/06	10/25/06
Depth:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sample Type:	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-9 cm
Phthalate Esters (mg/kg-OC dw)									
Dimethylphthalate	0.7 J	1.05 U	4.82	3.67	1.26 U	2.21	3.15	2.19	1.69 U
Diethylphthalate	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Di-n-butylphthalate	1.27 U	1.88 U	4.89 U	3.06 U	1.26 U	1.42 U	1.96 U	2.65 U	1.69 U
Butyl benzyl phthalate	1.2 J	2.04	4.03	4.17	2.96	4.05	6.99 †	6.19 †	1.69 U
Bis(2-ethylhexyl)phthalate	2.91	20.94	20.14	11.67	5.41 U	10.53	11.89	10.32	2.97
Di-n-octylphthalate	1.27	0.63 J	1.15 J	0.67 J	1.26 U	0.63 J	1.12 J	1.29 U	1.69 U
Miscellaneous (mg/kg-OC dw)									
Dibenzofuran	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
Hexachlorobutadiene	1.27 U	1.05 U	1.44 U	1.11 U	1.26 U	1.05 U	1.4 U	1.29 U	1.69 U
N-Nitrosodiphenylamine	1.27 UJ	1.05 UJ	1.44 UJ	1.11 UJ	1.26 UJ	1.05 UJ	1.4 UJ	1.29 UJ	1.69 UJ
Ionizable Organic Compounds (µg/kg dw)									
Phenol	20 U	27	20	14 J	20 U	13 J	20 U	20 U	20 U
2-Methylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Methylphenol	20 U	20 U	20 U	20 U	20 U	20 U	39	20 U	12 J
2,4-Dimethylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Pentachlorophenol	98 U	100 U	99 U	99 U	98 U	99 U	100 U	99 U	99 U
Benzyl alcohol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzoic acid	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
PCB Aroclors (µg/kg dw)									
Aroclor 1016	9.8 U	9.8 U	9.8 U	9.9 U	9.7 U	9.8 U	65 U	59 U	9.8 U
Aroclor 1221	9.8 U	9.8 U	9.8 U	9.9 U	9.7 U	9.8 U	65 U	59 U	9.8 U
Aroclor 1232	9.8 U	9.8 U	9.8 U	9.9 U	9.7 U	9.8 U	65 U	59 U	9.8 U
Aroclor 1242	9.8 U	18	15	30 J	110	17 J	65 U	59 U	9.8 U
Aroclor 1248	9.8 U	9.8 U	9.8 U	9.9 U	9.7 U	9.8 U	65 U	59 U	9.8 U
Aroclor 1254	66	62	100	250	510	140	290	330	140
Aroclor 1260	42	48	51	68	150	64	97	93	50
Aroclor 1262	9.8 U	9.8 U	9.8 U	9.9 U	9.7 U	9.8 U	65 U	59 U	9.8 U
Aroclor 1268	9.8 U	9.8 U	9.8 U	9.9 U	9.7 U	9.8 U	65 U	59 U	9.8 U
PCBs	108	128	166	348	770	221	387	423	190
Aromatic Hydrocarbons (µg/kg dw)									
Total LPAH (SMS)	259	180	178	245	64	123	105	170	24
Naphthalene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthylene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	24	12 J	20 U	11 J	20 U	20 U	20 U	20 U	20 U
Fluorene	27	14 J	20 U	13 J	20 U	20 U	20 U	20 U	20 U
Phenanthrene	170	120	150	190	52	100	85	150	24
Anthracene	38	34	28	31	12 J	23	20	20	20 U
2-Methylnaphthalene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Total HPAH (SMS)	750	1619	2078	2519	640	1546	1218	1523	231
Total PAH	--	--	--	--	--	--	--	--	--
Fluoranthene	200	310	540	710	190	340	230	320	44
Pyrene	140	290	300	360	130	260	200	290	40
Benzo(a)anthracene	65	140	120	150	41	100	84	93	18 J
Chrysene	83	210	260	330	65	160	130	180	34
Benzo(k)fluoranthene	52	180	200	180	65	180	130	170	21
Benzo(b)fluoranthene	64	160	230	310	55	160	130	130	26
Benzo(a)fluoranthene (SMS)	116	340	430	490	120	340	260	300	47
Benzo(a)pyrene	71	140	180	220	44	160	120	130	16 J
Indeno(1,2,3-cd)pyrene	37	75	110	110	25	81	82	92	13 J
Dibenzo(a,h)anthracene	20 U	29	38	39	20 U	29	22	18 J	20 U
Benzo(g,h,i)perylene	38	85	100	110	25	76	90	100	19 J

**Table 9-1
Surficial Sediment Sample Results**

Location ID:	AN-015	AN-016	AN-017	AN-018	AN-019	AN-020	AN-021	AN-022	AN-023
Sample ID:	AN015-SS-061204	AN016-SS-061024	AN017-SS-061024	AN018-SS-061024	AN019-SS-061024	AN020-SS-061024	AN021-SS-061025	AN022-SS-061025	AN023-SS-061025
Sample Date:	12/4/06	10/24/06	10/24/06	10/24/06	10/24/06	10/24/06	10/25/06	10/25/06	10/25/06
Depth:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sample Type:	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-9 cm
Chlorinated Benzenes (µg/kg dw)									
1,2-Dichlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,4-Dichlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,2,4-Trichlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Hexachlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phthalate Esters (µg/kg dw)									
Dimethylphthalate	11 J	20 U	67	66	20 U	42	45	34	20 U
Diethylphthalate	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Di-n-butylphthalate	20 U	36 U	68 U	55 U	20 U	27 U	28 U	41 U	20 U
Butyl benzyl phthalate	19 J	39	56	75	47	77	100	96	20 U
Bis(2-ethylhexyl)phthalate	46	400	280	210	86 U	200	170	160	35
Di-n-octylphthalate	20	12 J	16 J	12 J	20 U	12 J	16 J	20 U	20 U
Miscellaneous (µg/kg dw)									
Dibenzofuran	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Hexachlorobutadiene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ

Table 9-1
Surficial Sediment Sample Results

Location ID: Sample ID: Sample Date: Depth: Sample Type:	AN-024 AN024-SS-061025 10/25/06 Normal 0-10 cm	AN-025 AN025-SS-061025 10/25/06 Normal 0-10 cm	AN-026 AN026-SS-061026 10/26/06 Normal 0-10 cm	AN-027 AN027-SS-061025 10/25/06 Normal 0-10 cm	AN-028 AN028-SS-061025 10/25/06 Normal 0-10 cm	AN-029 AN029-SS-061025 10/25/06 Normal 0-10 cm	AN-030 AN030-SS-061025 10/25/06 Normal 0-10 cm	AN-031 AN031-SS-061026 10/26/06 Normal 0-10 cm	AN-040 AN040-SS-061204 12/4/06 Normal 0-10 cm	AN-045 AN045-SS-080211 2/11/08 Normal 0-10 cm	AN-046 AN046-SS-080211 2/11/08 Normal 0-10 cm	AN-047 AN047-SS-080211 2/11/08 Normal 0-10 cm
Sediment Grain Size (%)												
Gravel	1.2	1.4	0.2	1.6	0.5	1.1	1.1	2.7	63.5	8.3	21.2	0.9
Sand	17.7	54.8	18	32.9	69.2	48.3	23.9	41.3	28.7	75.8	61.6	39.5
Silt	68.7	37	69.7	55.7	24.7	43.2	64.5	47.7	5.8	10.5	12.3	48.4
Clay	6.1	2.8	6.2	4.3	2.3	3.4	5.1	3.9	0.6	5.4	5	11.3
Total Fines (silt + clay)	74.8	39.8	75.9	60	27	46.6	69.6	51.6	6.4	15.9	17.3	59.7
Conventional Parameters (%)												
Total organic carbon (TOC)	2.28	1.62	2.08	1.86	1.64	1.51	1.88	2.32	1.18	1.50	3.16	2.65
Total solids	48.10	60.10	45.60	51.30	67.30	52.30	47.90	42.20	72.20	70.20	64.60	54.20
Metals (mg/kg dw)												
Arsenic	11.8	10.0	13.7	14.5	6.5	11.3	8.9	9.4	7.4	8.2	25.5	15.0
Cadmium	0.4 U	0.6	0.4 U	0.8	0.3 U	0.5	0.4 U	0.5 U	0.3	0.4	2.9	2.4
Chromium	26	35.1	24	47.2	22.5	33.7	26	22	12.7	27.1 J	240 J	178 J
Copper	44	178	37	78.8	32.6	54.8	42	52	78.7	35.3 J	228 J	87.6 J
Lead	20	168	20	191	47	128	28	18	27	152 J	2930 J ‡	370 J
Mercury	0.17	0.10	0.1	0.12	0.08	6.8 ‡	0.13	0.10 U	0.06	0.06 U	0.14	0.29
Silver	0.4 U	0.5	0.4 U	0.5	0.3 U	0.7	0.4 U	0.5 U	0.3 U	0.3 U	1.2	2.0
Zinc	100 J	161 J	89	194 J	82 J	154 J	96 J	105	129	75	950 †	280
PCB Aroclors (mg/kg-OC dw)												
Aroclor 1016	0.44 U	1.98 U	0.47 U	2.15 U	1.83 U	0.64 U	0.53 U	0.42 U	0.83 U	0.66 U	--	4.53 U
Aroclor 1221	0.44 U	1.98 U	0.47 U	2.15 U	1.83 U	0.64 U	0.53 U	0.42 U	0.83 U	0.66 U	--	4.53 U
Aroclor 1232	0.44 U	1.98 U	0.47 U	2.15 U	1.83 U	0.64 U	0.53 U	0.42 U	0.83 U	0.66 U	--	4.53 U
Aroclor 1242	0.53 J	2.16 J	0.96	2.15 U	1.52 J	1.26 UY	0.85	0.56	0.83 U	0.66 U	--	4.53 U
Aroclor 1248	0.44 U	1.98 U	0.47 U	2.15 U	1.83 U	0.64 U	0.53 U	0.42 U	0.83 U	0.66 U	--	41.51
Aroclor 1254	1.75	24.07	3.51	9.68	9.15	9.93	3.83 P	2.76	3.22	8	--	67.92
Aroclor 1260	1.71	8.02	2.79	4.46	4.27	4.7	2.5	2.76	2.46	2.67 U	--	4.53 U
Aroclor 1262	0.44 U	1.98 U	0.47 U	2.15 U	1.83 U	0.64 U	0.53 U	0.42 U	0.83 U	0.66 U	--	4.53 U
Aroclor 1268	0.44 U	1.98 U	0.47 U	2.15 U	1.83 U	0.64 U	0.53 U	0.42 U	0.83 U	0.66 U	--	4.53 U
PCBs (SMS)	3.99	34.26 †	7.26	14.14 †	14.94 †	14.64 †	7.18	6.08	5.68	8	--	109.43 ‡
Aromatic Hydrocarbons (mg/kg-OC dw)												
Total LPAH (SMS)	4.61	8.21	4.86	17.3	10.4	16.8	6.65	12.9	7.8	1.6	--	6.79
Naphthalene	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	1.33 UJ	--	3.7 UJ
Acenaphthylene	0.88 U	1.23 U	0.96 U	0.54 J	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	1.33 UJ	--	3.7 UJ
Acenaphthene	0.88 U	1.23 U	0.96 U	0.65 J	0.67 J	0.66 J	1.06 U	0.86 U	1.69 U	1.33 U	--	3.7 U
Fluorene	0.88 U	1.23 U	0.96 U	0.81 J	0.85 J	0.93 J	1.06 U	0.86 U	1.69 U	1.33 U	--	3.7 U
Phenanthrene	3.51	6.79	3.8	12.9	7.32	12.58	5.27	11.21	6.19	1.6	--	6.79
Anthracene	1.1	1.42	1.06	2.42	1.59	2.65	1.38	1.72	1.61 J	1.33 UJ	--	3.7 UJ
2-Methylnaphthalene	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	1.33 UJ	--	3.7 UJ
Total HPAH (SMS)	50.3	74.1	50.9	170	53	137	72.4	172	99.3	25.51	--	65.85
Total PAH	54.91	82.31	55.76	187.3	63.4	153.8	79.05	184.9	107.1	27.11	--	72.64
Fluoranthene	9.65	15.43	9.13	29.03	10.98	27.15	11.7	32.76	16.95	4.53	--	17.74
Pyrene	8.77	13.58	9.62	30.65	10.37	23.84	12.77	34.91	15.25	3.07	--	15.85
Benzo(a)anthracene	3.82	4.88	3.99	11.83	4.21	9.93	5.32	12.5	8.47	2 J	--	4.15
Chrysene	6.14	8.64	6.73	19.89	5.85	17.22	8.51	21.55	12.71	3 J	--	6.42
Benzo(b)fluoranthene	6.14	8.64	5.77	19.35	4.94	15.23	7.45	20.69	12.71	3.8	--	6.79
Benzo(k)fluoranthene	4.82	6.79	5.77	18.28	4.88	12.58	9.57	14.66	14.41	3	--	5.28
Benzo(a)pyrene	11	15.4	11.5	37.6	9.82	27.8	17	35.3	27.1	6.8	--	12.08
Indeno(1,2,3-cd)pyrene	4.3	6.17	4.76	17.2	4.7	13.25	6.91	16.38	11.02	2.87	--	4.15
Dibenzo(a,h)anthracene	2.72	4.26	2.5	10.75	3.05	7.28	4.47	8.62	3.98	1.47	--	2.72 J
Benzo(g,h,i)perylene	0.83 J	1.42	0.96 U	2.31	0.85 J	3.18	0.96 J	1.94	1.69 U	0.45	--	0.68 U
Chlorinated Benzenes (mg/kg-OC dw)	3.07	4.32	2.6	10.75	3.17	7.28	4.79	7.76	3.81	1.33	--	2.75 J
1,2-Dichlorobenzene	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	0.41 UJ	--	0.68 UJ
1,4-Dichlorobenzene	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	0.41 U	--	0.68 U
1,2,4-Trichlorobenzene	0.88 U •	1.23 U •	0.96 U •	1.08 U •	1.22 U •	1.32 U •	1.06 U •	0.86 U •	1.69 U •	0.41 U	--	0.68 U
Hexachlorobenzene	0.88 U •	1.23 U •	0.96 U •	1.08 U •	1.22 U •	1.32 U •	1.06 U •	0.86 U •	1.69 U •	0.41 U •	--	0.68 U •

Table 9-1
Surficial Sediment Sample Results

Location ID:	AN-024	AN-025	AN-026	AN-027	AN-028	AN-029	AN-030	AN-031	AN-040	AN-045	AN-046	AN-047
Sample ID:	AN024-SS-061025	AN025-SS-061025	AN026-SS-061026	AN027-SS-061025	AN028-SS-061025	AN029-SS-061025	AN030-SS-061025	AN031-SS-061026	AN040-SS-061204	AN045-SS-080211	AN046-SS-080211	AN047-SS-080211
Sample Date:	10/25/06	10/25/06	10/26/06	10/25/06	10/25/06	10/25/06	10/25/06	10/26/06	12/4/06	2/11/08	2/11/08	2/11/08
Depth:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sample Type:	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm
Phthalate Esters (mg/kg-OC dw)												
Dimethylphthalate	0.88 U	1.98	0.96 U	3.87	1.77	2.45	0.8 J	2.16	3.39	0.8 J	--	11.7
Diethylphthalate	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	1.33 UJ	--	3.7 UJ
Di-n-butylphthalate	1.36 U	3.33 U	2.02	5.91 U	4.02 U	6.36 U	1.7 U	1.51	2.71	6.67 J	--	11.32
Butyl benzyl phthalate	1.05	12.96 †	2.07	13.98 †	4.88	5.5 †	1.54	1.64	6.36 †	2.4	--	83.02 ‡
Bis(2-ethylhexyl)phthalate	15.35	10.49	11.54	17.74	7.32	37.75	10.64	9.05	14.41	2.2	--	35.85
Di-n-octylphthalate	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	1.25	9.32	1.33 UJ	--	3.7 UJ
Miscellaneous (mg/kg-OC dw)												
Dibenzofuran	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	1.33 UJ	--	3.7 UJ
Hexachlorobutadiene	0.88 U	1.23 U	0.96 U	1.08 U	1.22 U	1.32 U	1.06 U	0.86 U	1.69 U	0.41 U	--	0.68 U
N-Nitrosodiphenylamine	0.88 UJ	1.23 UJ	0.96 UJ	1.08 UJ	1.22 UJ	1.32 UJ	1.06 UJ	0.86 UJ	1.69 UJ	0.41 UJ	--	0.68 UJ
Ionizable Organic Compounds (µg/kg dw)												
Phenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24	20 U	20 U	30	98 U
2-Methylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 UJ	19 UJ	18 UJ
4-Methylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	28	13 J	20 UJ	20 UJ	98 UJ
2,4-Dimethylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 UJ	19 UJ	18 UJ
Pentachlorophenol	100 U	100 U	99 U	100 U	99 U	98 U	99 U	100 U	98 U	30 UJ	93 UJ	92 UJ
Benzyl alcohol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 UJ	98 U •
Benzoic acid	200 U	200 U	200 UJ	200 U	200 U	200 U	200 U	200 UJ	200 U	200 U	200 U	790 J ‡
PCB Aroclors (µg/kg dw)												
Aroclor 1016	10 U	32 U	9.7 U	40 U	30 U	9.7 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	120 U
Aroclor 1221	10 U	32 U	9.7 U	40 U	30 U	9.7 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	120 U
Aroclor 1232	10 U	32 U	9.7 U	40 U	30 U	9.7 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	120 U
Aroclor 1242	12 J	35 J	20	40 U	25 J	19 UY	16	13	9.8 U	9.9 U	9.8 U	120 U
Aroclor 1248	10 U	32 U	9.7 U	40 U	30 U	9.7 U	9.9 U	9.8 U	9.8 U	9.9 U	20	1100
Aroclor 1254	40	390	73	180	150	150	72 P	64	38	120	69	1800
Aroclor 1260	39	130	58	83	70	71	47	64	29	40 U	43	120 U
Aroclor 1262	10 U	32 U	9.7 U	40 U	30 U	9.7 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	120 U
Aroclor 1268	10 U	32 U	9.7 U	40 U	30 U	9.7 U	9.9 U	9.8 U	9.8 U	9.9 U	9.8 U	120 U
PCBs	91	555	151	263	245	221	135	141	67	120	132	2900
Aromatic Hydrocarbons (µg/kg dw)												
Total LPAH (SMS)	105	133	101	322	171	254	125	300	92	24	311	180
Naphthalene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 UJ	98 UJ
Acenaphthylene	20 U	20 U	20 U	10 J	20 U	20 U	20 U	20 U	20 U	20 UJ	20 UJ	98 UJ
Acenaphthene	20 U	20 U	20 U	12 J	11 J	10 J	20 U	20 U	20 U	20 U	12 J	98 U
Fluorene	20 U	20 U	20 U	15 J	14 J	14 J	20 U	20 U	20 U	20 U	16 J	98 U
Phenanthrene	80	110	79	240	120	190	99	260	73	24 J	240 J	180 J
Anthracene	25	23	22	45	26	40	26	40	19 J	20 UJ	43 J	98 UJ
2-Methylnaphthalene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 UJ	98 UJ
Total HPAH (SMS)	1146	1201	1058	3163	869	2068	1362	3985	1172	382.7	2444	1745
Total PAH	--	--	--	--	--	--	--	--	--	406.7	2755	1925
Fluoranthene	220	250	190	540	180	410	220	760	200	68	540	470
Pyrene	200	220	200	570	170	360	240	810	180	46 J	370 J	420
Benzo(a)anthracene	87	79	83	220	69	150	100	290	100	30 J	180 J	110 J
Chrysene	140	140	140	370	96	260	160	500	150	45 J	280 J	170 J
Benzo(k)fluoranthene	110	110	120	340	80	190	180	340	170	45	240	140
Benzo(b)fluoranthene	140	140	120	360	81	230	140	480	150	57	330	180
Benzo(fluoranthenes) (SMS)	250	250	240	700	161	420	320	820	320	102	570	320
Benzo(a)pyrene	98	100	99	320	77	200	130	380	130	43	250	110
Indeno(1,2,3-cd)pyrene	62	69	52	200	50	110	84	200	47	22	100	72 J
Dibenzo(a,h)anthracene	19 J	23	20 U	43	14 J	48	18 J	45	20 U	6.7	22	18 U
Benzo(g,h,i)perylene	70	70	54	200	52	110	90	180	45	20	89	73 J

Table 9-1
Surficial Sediment Sample Results

Location ID:	AN-024	AN-025	AN-026	AN-027	AN-028	AN-029	AN-030	AN-031	AN-040	AN-045	AN-046	AN-047
Sample ID:	AN024-SS-061025	AN025-SS-061025	AN026-SS-061026	AN027-SS-061025	AN028-SS-061025	AN029-SS-061025	AN030-SS-061025	AN031-SS-061026	AN040-SS-061204	AN045-SS-080211	AN046-SS-080211	AN047-SS-080211
Sample Date:	10/25/06	10/25/06	10/26/06	10/25/06	10/25/06	10/25/06	10/25/06	10/26/06	12/4/06	2/11/08	2/11/08	2/11/08
Depth:	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Sample Type:	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm	0-10 cm
Chlorinated Benzenes (µg/kg dw)												
1,2-Dichlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 UJ	19 UJ	18 UJ
1,4-Dichlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 U	19 U	18 U
1,2,4-Trichlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 U	19 U	18 U
Hexachlorobenzene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 U	19 U	18 U
Phthalate Esters (µg/kg dw)												
Dimethylphthalate	20 U	32	20 U	72	29	37	15 J	50	40	12 J	47 U	310 J
Diethylphthalate	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 UJ	98 UJ
Di-n-butylphthalate	31 U	54 U	42	110 U	66 U	96 U	32 U	35	32	100 J	33 J	300 J
Butyl benzyl phthalate	24	210	43	260	80	83	29	38	75	36	55	2200
Bis(2-ethylhexyl)phthalate	350	170	240	330	120	570	200	210	170	33 UJ	250 J	950 J
Di-n-octylphthalate	20 U	20 U	20 U	20 U	20 U	20 U	20 U	29	110	20 UJ	20 UJ	98 UJ
Miscellaneous (µg/kg dw)												
Dibenzofuran	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 UJ	98 UJ
Hexachlorobutadiene	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	6.1 U	19 U	18 U
N-Nitrosodiphenylamine	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	6.1 UJ	19 UJ	18 UJ

Notes:

1 = Indicates LAET/2LAET criteria. These criteria are only used when organic carbon normalization is inappropriate (i.e., organic carbon less than 0.5% or greater than 3%).

- † Detected concentration is greater than SMS SQS or LAET
 - ‡ Detected concentration is greater than SMS CSL or 2LAET
 - Non-detected concentration is above one or more identified screening values
- Bold = Detected result**

- J = Estimated value
- U = Compound analyzed, but not detected above reporting limit
- UJ = Compound analyzed, but not detected above estimated reporting limit
- R = Rejected
- µg/kg dw = micrograms per kilogram dry weight
- mg/kg-OC dw = milligrams per kilogram organic carbon

- % = percent
- Normal = Normal field sample
- Field Duplicate = Duplicate of normal field sample
- SMS = Washington State Sediment Management Standards (WAC 173-204)
- SQS = Sediment Quality Standard
- CSL = Cleanup Screening Level

Insurance Auto Auctions, Inc.

**STORMWATER SYSTEM INVESTIGATION –
FINAL REPORT
INSURANCE AUTO AUCTIONS
8801 E MARGINAL WAY S
TUKWILA, WASHINGTON**

For submittal to:

**Washington State Department of Ecology
3190 160th Avenue SE
Bellevue, WA 98008**

May 20, 2011

Prepared by:  WindWard
environmental LLC

200 West Mercer Street, Suite 401 ♦ Seattle, Washington ♦ 98119

Prepared by: craigh_4/22/2011: W:\Projects\IAA_Tukwila Stormwater Data\GIS\Sampling_Event_2010\Fig_2_4337_Sampled_locations.mxd

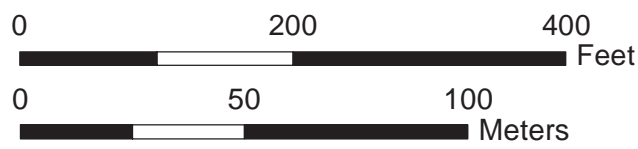
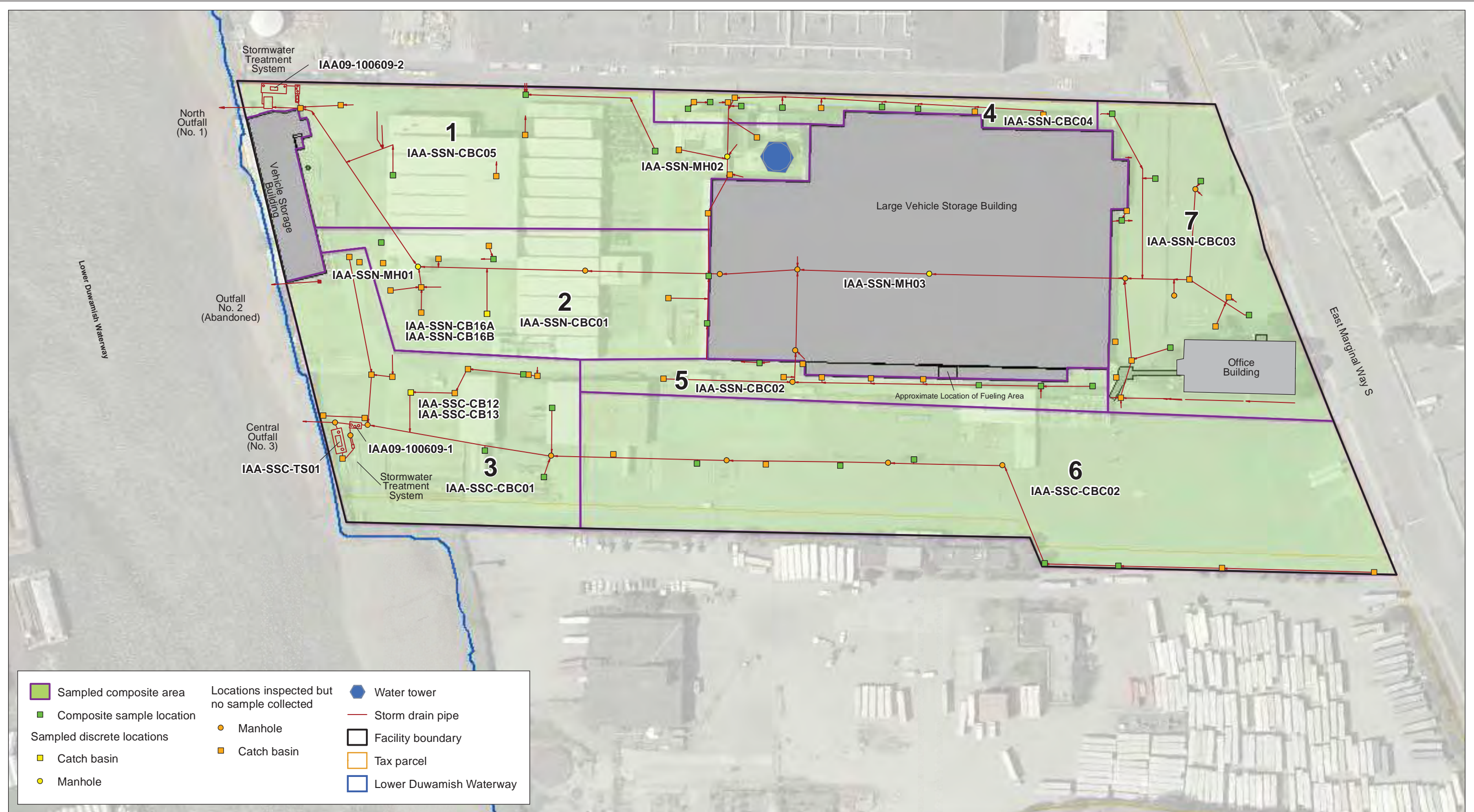


Figure 3. IAA Tukwila 8801 Parcel sampled locations

Table 4. October 2009 and May 2010 chemistry results for stormwater solids samples

Chemical	Unit	Collected on 10/6/2009		Collected on 5/21/2010					Collected on 5/24/2010			
		IAA09-100609-1	IAA09-100609-2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03
		Central System Vortechs™ Unit	North System StormFilter™ Vault	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building
Metals												
Antimony	mg/kg dw	na	na	na	na	na	na	na	40 UJ	na	na	na
Arsenic	mg/kg dw	na	na	10 UJ	9 UJ	10 J	10 J	20 UJ	12	10 U	10 U	7 U
Beryllium	mg/kg dw	na	na	na	na	na	na	na	0.7 U	na	na	na
Cadmium	mg/kg dw	na	na	10.8	1.4	31.0	9.2	11.7	8	12.6	4.2	0.9
Chromium	mg/kg dw	na	na	168 J	66.4 J	193 J	192 J	152 J	108	92	84	36.8
Copper	mg/kg dw	na	na	679 J	141 J	1,040 J	310 J	410 J	335	254	139	76.3
Lead	mg/kg dw	na	na	1,160 J	858 J	632 J	677 J	705 J	740	454	380	91
Mercury	mg/kg dw	na	na	0.06 J	0.08 J	0.61 J	0.32 J	1.76 J	0.2	0.19	0.11	0.06
Nickel	mg/kg dw	na	na	na	na	na	na	na	60	na	na	na
Selenium	mg/kg dw	na	na	na	na	na	na	na	4 U	na	na	na
Silver	mg/kg dw	na	na	0.7 UJ	0.5 UJ	0.7 UJ	1.5 J	3 J	2 U	0.7 U	0.7 U	0.4 U
Thallium	mg/kg dw	na	na	na	na	na	na	na	1 U	na	na	na
Zinc	mg/kg dw	na	na	2,220	514	2,570	1,370	3,360	1,820	2,230	1,150	214
Butyltins												
Monobutyltin as ion	µg/kg dw	45	12	na	na	na	na	na	220	na	na	na
Dibutyltin as ion	µg/kg dw	53	110	na	na	na	na	na	1,400	na	na	na
Tributyltin as ion	µg/kg dw	21	3.8 U	na	na	na	na	na	160	na	na	na
PAHs												
1-Methylnaphthalene	µg/kg dw	na	na	520 U	410 U	660 U	150	440	1,100 U	240 U	380 U	39 U
2-Chloronaphthalene	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
2-Methylnaphthalene	µg/kg dw	na	na	520 U	410 U	660 U	240	510	1,100 U	120 J	210 J	39 U
Acenaphthene	µg/kg dw	na	na	520 U	410 U	480 J	310	780	1,100 U	330	620	36 J
Acenaphthylene	µg/kg dw	na	na	520 U	410 U	660 U	130 U	250	1,100 U	240 U	520	39 U
Anthracene	µg/kg dw	na	na	300 J	800	930	740	1,500	1,100 J	950	3,100	150
Benzo(a)anthracene	µg/kg dw	na	na	800	1,100	1,800	1,600	2,400	2,400	2,400	14,000	430
Benzo(a)pyrene	µg/kg dw	na	na	830	4,300	2,400	3,300	3,000	6,100	3,200	21,000	830
Benzo(b)fluoranthene	µg/kg dw	na	na	820	5,700	2,200	3,500	2,000	7,800	3,800	22,000	960
Benzo(g,h,i)perylene	µg/kg dw	na	na	430 J	1,800	1,200	1,400	830	2,300	1,200	7,900	310
Benzo(k)fluoranthene	µg/kg dw	na	na	820	5,700	2,200	3,500	2,000	7,800	3,800	22,000	960
Total benzofluoranthenes	µg/kg dw	na	na	1,640	11,400	4,400	7,000	4,000	15,600	7,600	44,000	1,920
Chrysene	µg/kg dw	na	na	1,200	8,100	3,400	5,500	3,800	11,000	5,200	27,000	1,200
Dibenzo(a,h)anthracene	µg/kg dw	na	na	520 U	520	330 J	360	340	700 J	360	3,000	120
Dibenzofuran	µg/kg dw	na	na	520 U	410 U	420 J	320	680	1,100 U	380	590	35 J
Fluoranthene	µg/kg dw	na	na	2,300 J	8,500 J	6,900 J	7,800 J	7,800 J	14,000 J	9,800 J	48,000 J	2,100 J
Fluorene	µg/kg dw	na	na	520 U	410 U	410 J	390	710	1,100 U	380	780	40
Indeno(1,2,3-cd)pyrene	µg/kg dw	na	na	370 J	2,000	1,000	1,200	730	2,300	1,200	7,800	330
Naphthalene	µg/kg dw	na	na	520 U	410 U	640 J	330	680	1,100 U	170 J	350 J	22 J
Phenanthrene	µg/kg dw	na	na	1,800	2,500	5,500	4,100	7,700	6,700	5,000	23,000	760
Pyrene	µg/kg dw	na	na	1,900	6,100	4,400	5,700	6,200	9,500	6,200	37,000	1,400
Total HPAHs	µg/kg dw	na	na	9,500 J	43,800 J	25,800 J	33,900 J	29,100 J	64,000 J	37,200 J	210,000 J	8,600 J
Total LPAHs	µg/kg dw	na	na	2,100 J	3,300	8,000 J	5,900	11,600	7,800 J	6,800 J	28,000 J	1,010 J
cPAH TEQ - half DL	µg/kg dw	na	na	1,200 J	6,000	3,300 J	4,500	3,900	8,500 J	4,500	29,000	1,200

Chemical	Unit	Collected on 10/6/2009		Collected on 5/21/2010					Collected on 5/24/2010			
		IAA09-100609-1	IAA09-100609-2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03
		Central System Vortechs™ Unit	North System StormFilter™ Vault	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building
Total PAHs	µg/kg dw	na	na	11,600 J	47,100 J	33,800 J	39,700 J	40,700 J	72,000 J	44,000 J	238,000 J	9,600 J
Phthalates												
BEHP	µg/kg dw	na	na	7,400	17,000	20,000	11,000	2,500	37,000	10,000	17,000	1,200
BBP	µg/kg dw	na	na	1,200	3,300	20,000	5,200	380	1,200	1,600	1,600	97
Diethyl phthalate	µg/kg dw	na	na	120 U	54 U	120 U	31 U	21 U	280 U	46 U	48 U	15 U
Dimethyl phthalate	µg/kg dw	na	na	1,100	190	580	4,700	160	500	220 J	250	21
Di-n-butyl phthalate	µg/kg dw	na	na	520 U	410 U	840	580	96 U	1,100 U	400	1,100	76
Di-n-octyl phthalate	µg/kg dw	na	na	490 J	4,100	1,000	620	160	3,500	680	1,000	63
Other SVOCs												
1,2,4-Trichlorobenzene	µg/kg dw	na	na	50 U	22 U	48 U	12 U	15	110 U	18 U	19 U	5.9 U
1,2-Dichlorobenzene	µg/kg dw	na	na	50 U	22 U	48 U	12 U	13	110 U	18 U	19 U	5.9 U
1,3-Dichlorobenzene	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
1,4-Dichlorobenzene	µg/kg dw	na	na	50 U	22 U	48 U	21	14	110 U	18 U	19 U	5.9 U
2,4,5-Trichlorophenol	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
2,4,6-Trichlorophenol	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
2,4-Dichlorophenol	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
2,4-Dimethylphenol	µg/kg dw	na	na	50 U	22 U	58	40	8.5	110 UJ	18 UJ	19 UJ	5.9 UJ
2,4-Dinitrophenol	µg/kg dw	na	na	5,200 U	4,100 U	6,600 U	1,300 U	960 U	11,000 U	2,400 U	3,800 U	390 U
2,4-Dinitrotoluene	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
2,6-Dinitrotoluene	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
2-Chlorophenol	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
2-Methylphenol	µg/kg dw	na	na	50 U	22 U	48 U	12 U	18	110 U	18 U	19 U	5.9 U
2-Nitroaniline	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
2-Nitrophenol	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
3,3'-Dichlorobenzidine	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
3-Nitroaniline	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
4,6-Dinitro-o-cresol	µg/kg dw	na	na	5,200 U	4,100 U	6,600 U	1,300 U	960 U	11,000 U	2,400 U	3,800 U	390 U
4-Bromophenyl phenyl ether	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
4-Chloro-3-methylphenol	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
4-Chloroaniline	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
4-Chlorophenyl phenyl ether	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
4-Methylphenol	µg/kg dw	na	na	12,000	2,400	5,300	14,000	64 J	14,000	1,100	2,700	77
4-Nitroaniline	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
4-Nitrophenol	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
Aniline	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
Benzoic acid	µg/kg dw	na	na	1,600 J	990 J	1,400 J	880 J	960 U	11,000 U	2,400 U	3,400 J	390 U
Benzyl alcohol	µg/kg dw	na	na	3,100	110 U	1,800	210	30 U	560 U	92 U	97 U	30 U
bis(2-chloroethoxy)methane	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
bis(2-chloroethyl)ether	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
bis(2-chloroisopropyl)ether	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
Carbazole	µg/kg dw	na	na	520 U	680	660	570	480	1,200	820	5,500	160
Hexachlorobenzene	µg/kg dw	na	na	50 U	22 U	48 U	12 U	6.1 U	110 U	18 U	19 U	5.9 U
Hexachlorobutadiene	µg/kg dw	na	na	50 U	22 U	48 U	12 U	6.1 U	110 U	18 U	19 U	5.9 U
Hexachlorocyclopentadiene	µg/kg dw	na	na	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U
Hexachloroethane	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U

Chemical	Unit	Collected on 10/6/2009		Collected on 5/21/2010					Collected on 5/24/2010			
		IAA09-100609-1	IAA09-100609-2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03
		Central System Vortechs™ Unit	North System StormFilter™ Vault	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building
Isophorone	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
n-Nitroso-di-n-propylamine	µg/kg dw	na	na	250 U	110 U	240 U	62 U	30 U	560 U	92 U	97 U	30 U
n-Nitrosodimethylamine	µg/kg dw	na	na	250 U	110 U	240 U	62 U	30 U	560 U	92 U	97 U	30 U
n-Nitrosodiphenylamine	µg/kg dw	na	na	60 U	22 U	48 U	12 U	15 U	160 U	18 U	19 U	5.9 U
Nitrobenzene	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
Pentachlorophenol	µg/kg dw	na	na	250 U	9,600	240 U	62 U	30 U	560 U	92 U	2,000 J	30 U
Phenol	µg/kg dw	na	na	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U
PCBs												
Aroclor-1016	µg/kg dw	na	na	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U
Aroclor-1221	µg/kg dw	na	na	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U
Aroclor-1232	µg/kg dw	na	na	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U
Aroclor-1242	µg/kg dw	na	na	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U
Aroclor-1248	µg/kg dw	na	na	20 U	32 U	110 U	160 U	340 U	130 U	240 U	62 U	20 U
Aroclor-1254	µg/kg dw	na	na	39	88	240	650	710	430	940	160	45
Aroclor-1260	µg/kg dw	na	na	23	65 U	150	260	390 U	84 U	250	100 U	20 U
Aroclor-1262	µg/kg dw	na	na	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U
Aroclor-1268	µg/kg dw	na	na	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U
Total PCBs	µg/kg dw	na	na	62	88	390	910	710	430	1,190	160	45
Dioxins/furans												
2,3,7,8-TCDD	ng/kg dw	3.97	2.97	na	na	na	na	na	2.47 J	na	na	na
1,2,3,7,8-PeCDD	ng/kg dw	32.1	16.3	na	na	na	na	na	30.0	na	na	na
1,2,3,4,7,8-HxCDD	ng/kg dw	71.7	28.4	na	na	na	na	na	93.3	na	na	na
1,2,3,6,7,8-HxCDD	ng/kg dw	169	78.3	na	na	na	na	na	180	na	na	na
1,2,3,7,8,9-HxCDD	ng/kg dw	147	66.3	na	na	na	na	na	176	na	na	na
1,2,3,4,6,7,8-HpCDD	ng/kg dw	4,410	1,900	na	na	na	na	na	5,440 J	na	na	na
OCDD	ng/kg dw	30,000 J	15,800	na	na	na	na	na	33,300 J	na	na	na
2,3,7,8-TCDF	ng/kg dw	18.5	44.9	na	na	na	na	na	10.4	na	na	na
1,2,3,7,8-PeCDF	ng/kg dw	13.1	11.3 J	na	na	na	na	na	9.35	na	na	na
2,3,4,7,8-PeCDF	ng/kg dw	26.0	33.0	na	na	na	na	na	18.3	na	na	na
1,2,3,4,7,8-HxCDF	ng/kg dw	65.2	30.1	na	na	na	na	na	85.3	na	na	na
1,2,3,6,7,8-HxCDF	ng/kg dw	71.7	29.9	na	na	na	na	na	90.4	na	na	na
1,2,3,7,8,9-HxCDF	ng/kg dw	1.68 U	0.983 U	na	na	na	na	na	1.55 U	na	na	na
2,3,4,6,7,8-HxCDF	ng/kg dw	82.7	39.0	na	na	na	na	na	108	na	na	na
1,2,3,4,6,7,8-HpCDF	ng/kg dw	1,850	623	na	na	na	na	na	2,800	na	na	na
1,2,3,4,7,8,9-HpCDF	ng/kg dw	107	33.7	na	na	na	na	na	165	na	na	na
OCDF	ng/kg dw	4,520	2,050	na	na	na	na	na	6,560	na	na	na
Dioxin/furan TEQ - (half DL)	ng/kg dw	181 J	92.2 J	na	na	na	na	na	209 J	na	na	na

BBP – butyl benzyl phthalate
BEHP – bis(2-ethylhexyl) phthalate
cPAH – carcinogenic polycyclic aromatic hydrocarbon
DL – detection limit
dw – dry weight
HPAH – high-molecular-weight polycyclic aromatic hydrocarbon

HpCDD – heptachlorodibenzo-*p*-dioxin
HpCDF – heptachlorodibenzofuran
HxCDD – hexachlorodibenzo-*p*-dioxin
HxCDF – hexachlorodibenzofuran
J – estimated concentration
LPAHs – low-molecular-weight polycyclic aromatic hydrocarbons

na – not analyzed
PAH – polycyclic aromatic hydrocarbon
OCDD – octachlorodibenzo-*p*-dioxin
OCDF – octachlorodibenzofuran
PCB – polychlorinated biphenyl
PeCDD – pentachlorodibenzo-*p*-dioxin

PeCDF – pentachlorodibenzofuran
SVOC – semivolatile organic compound
TCDD – tetrachlorodibenzo-*p*-dioxin
TCDF – tetrachlorodibenzofuran
TEQ – toxic equivalent
U – not detected at given concentration

Table 5. August 2010 and March 2011 chemistry results for stormwater solids samples

Chemical	Unit	Collected on 8/19/2010				Collected on 3/22/2011	
		IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13
		North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor
Metals							
Arsenic	mg/kg dw	20 U	10 U	10 U	9.0	10 U	10
Cadmium	mg/kg dw	26.3	10.0	11.4	11.2	4.6	12.7
Chromium	mg/kg dw	242 J	189 J	204 J	148 J	62	137
Copper	mg/kg dw	369	1,050	371	252	264	1,210
Lead	mg/kg dw	960	799	1,050	623	430	1,080
Mercury	mg/kg dw	0.12	0.08	0.18	0.11	0.05 U	0.11
Silver	mg/kg dw	0.9 U	0.8 U	0.8 U	0.5	14	2.1
Zinc	mg/kg dw	2,400	1,640	2,110	1,170	1,100	2,290
PAHs							
1-Methylnaphthalene	µg/kg dw	520 J	330	150 J	170 J	490	410
2-Chloronaphthalene	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
2-Methylnaphthalene	µg/kg dw	780	620	200 J	250 J	910	830
Acenaphthene	µg/kg dw	340 J	110 J	420	520	290 U	160 J
Acenaphthylene	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
Anthracene	µg/kg dw	530 J	160	840	1,000	290 U	330
Benzo(a)anthracene	µg/kg dw	1,200	270	1,800	1,400	430	830
Benzo(a)pyrene	µg/kg dw	2,100	580	2,400	2,300	500	900
Benzo(g,h,i)perylene	µg/kg dw	2,200	600	2,000	1,800	460	960
Total benzofluoranthenes	µg/kg dw	3,200	1,040	4,000	4,000	1,100	2,000
Chrysene	µg/kg dw	3,000	930	3,900	3,400	880	1,400
Dibenzo(a,h)anthracene	µg/kg dw	330 J	170	720	630	290 U	170 J
Dibenzofuran	µg/kg dw	370 J	110 J	360	390	290 U	170 J
Fluoranthene	µg/kg dw	4,800	1,400	6,300	5,100	1,600	2,600
Fluorene	µg/kg dw	460 J	92 J	380	460	290 U	250 J
Indeno(1,2,3-cd)pyrene	µg/kg dw	1,300	320	1,500	1,300	360	640
Naphthalene	µg/kg dw	1,300	610	360	520	260 J	490
Phenanthrene	µg/kg dw	4,400	1,200	5,300	4,900	1,100	2,100
Pyrene	µg/kg dw	3,800	1,100	4,600	4,200	1,400	2,400

Chemical	Unit	Collected on 8/19/2010				Collected on 3/22/2011	
		IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13
		North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor
Total HPAHs	µg/kg dw	21,900 J	6,400	27,200	24,100	6,700	11,900 J
Total LPAHs	µg/kg dw	7,000 J	2,200 J	7,300	7,400	1,400 J	3,300 J
cPAH TEQ -- half DL	µg/kg dw	2,800 J	820	3,500	3,300	710	1,280 J
Total PAHs	µg/kg dw	29,000 J	8,600 J	34,500	31,500	8,100 J	15,200 J
Phthalates							
BEHP	µg/kg dw	35,000	5,800	14,000	8,000	8,200	16,000
BBP	µg/kg dw	3,100	2,500	3,400	3,400	7,000	2,500
Diethyl phthalate	µg/kg dw	150 U	46 U	63 U	71 U	110	78 U
Dimethyl phthalate	µg/kg dw	1,300	740	590	300	240	880
Di-n-butyl phthalate	µg/kg dw	320 J	380	970	300 U	1,200	740
Di-n-octyl phthalate	µg/kg dw	610 U	150 U	250 U	300 U	820	610
Other SVOCs							
1,2,4-Trichlorobenzene	µg/kg dw	61 U	18 U	25 U	28 U	72 U	72 U
1,2-Dichlorobenzene	µg/kg dw	61 U	18 U	25 U	28 U	72 U	72 U
1,3-Dichlorobenzene	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
1,4-Dichlorobenzene	µg/kg dw	61 U	18 U	25 U	28 U	72 U	72
2,4,5-Trichlorophenol	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,4,6-Trichlorophenol	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,4-Dichlorophenol	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,4-Dimethylphenol	µg/kg dw	61 U	18 U	46	40	72 U	72 U
2,4-Dinitrophenol	µg/kg dw	6,100 U	1,500 U	2,500 U	3,000 U	3,100 U	3,100 U
2,4-Dinitrotoluene	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,6-Dinitrotoluene	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2-Chlorophenol	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
2-Methylphenol	µg/kg dw	580 U	18 U	25 U	40	72 U	72 U
2-Nitroaniline	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2-Nitrophenol	µg/kg dw	610 U	150 U	250 U	300 U	1,400 U	1,400 U
3,3'-Dichlorobenzidine	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
3-Nitroaniline'	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4,6-Dinitro-o-cresol	µg/kg dw	6,100 U	1,500 U	2,500 U	3,000 U	2,900 U	2,900 U
4-Bromophenyl phenyl ether	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U

Chemical	Unit	Collected on 8/19/2010				Collected on 3/22/2011	
		IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13
		North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor
4-Chloro-3-methylphenol	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4-Chloroaniline	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4-Chlorophenyl phenyl ether	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
4-Methylphenol	µg/kg dw	1,000	98 J	1,400	440	4,200	1,600
4-Nitroaniline	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4-Nitrophenol	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Aniline	µg/kg dw	610 U	150 U	250 U	300 U	1,900 U	1,900 U
Benzoic acid	µg/kg dw	1,700 J	1,500 U	11,000	2,700 J	5,200	2,900 U
Benzyl alcohol	µg/kg dw	780 J	5,000 J	440 J	420 J	330	150
bis(2-chloroethoxy)methane	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
bis(2-chloroethyl)ether	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
bis(2-chloroisopropyl)ether	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
Carbazole	µg/kg dw	610 U	97 J	370	340	290 U	230 J
Hexachlorobenzene	µg/kg dw	61 U	18 U	25 U	28 U	72 U	72 U
Hexachlorobutadiene	µg/kg dw	61 U	18 U	25 U	28 U	72 U	72 U
Hexachlorocyclopentadiene	µg/kg dw	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Hexachloroethane	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
Isophorone	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
n-Nitroso-di-n-propylamine	µg/kg dw	310 U	92 U	130 U	140 U	72 U	72 U
n-Nitrosodimethylamine	µg/kg dw	310 U	92 U	130 U	140 U	360 U	360 U
n-Nitrosodiphenylamine	µg/kg dw	61 U	26 U	63 U	28 U	120	130
Nitrobenzene	µg/kg dw	610 U	150 U	250 U	300 U	290 U	290 U
Pentachlorophenol	µg/kg dw	310 UJ	370 J	130 UJ	140 UJ	360 U	360 U
Phenol	µg/kg dw	610 U	150 U	250 U	300 U	790	560
PCBs							
Aroclor-1016	µg/kg dw	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor-1221	µg/kg dw	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor-1232	µg/kg dw	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor-1242	µg/kg dw	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor-1248	µg/kg dw	130 U	78 U	120 U	95 U	24 U	48
Aroclor-1254	µg/kg dw	360	220	350	310	62	69

Chemical	Unit	Collected on 8/19/2010				Collected on 3/22/2011	
		IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13
		North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor
Aroclor-1260	µg/kg dw	170	88	150	160	47	27
Aroclor-1262	µg/kg dw	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor-1268	µg/kg dw	65 U	26 U	62 U	54 U	20 U	20 U
Total PCBs	µg/kg dw	530	310	500	470	109	144

BBP – butyl benzyl phthalate

BEHP – bis(2-ethylhexyl) phthalate

cPAH – carcinogenic polycyclic aromatic hydrocarbon

DL – detection limit

dw – dry weight

HPAH – high-molecular-weight polycyclic aromatic hydrocarbon

J – estimated concentration

LPAH – low-molecular-weight polycyclic aromatic hydrocarbon

PAH – polycyclic aromatic hydrocarbon

PCB – polychlorinated biphenyl

SVOC – semivolatile organic compound

TEQ – toxic equivalent

U – not detected at given concentration

Report
Property Boundary Investigation
Thompson-Isaacson Property
Tukwila, Washington

September 9, 2009

Prepared for

The Boeing Company

 **LANDAU
ASSOCIATES**
130 2nd Avenue South
Edmonds, WA 98020
(425) 778-0907

TABLE 3
SOIL ANALYTICAL RESULTS
BOEING THOMPSON PROPERTY
TUKWILA, WASHINGTON

	PBI-11-2 PI42A 7/28/2009	PBI-11-5 PI42B 7/28/2009	PBI-11-8 PI42C 7/28/2009	PBI-12-2 PI42D 7/28/2009	PBI-12-5 PI42E 7/28/2009	PBI-12-8 PI42F 7/28/2009	PBI-13-2 PI42G 7/28/2009	PBI-13-5 PI42H 7/28/2009	PBI-13-8 PI42I 7/28/2009	PBI-14-2 PI42J 7/28/2009	PBI-14-5 PI42K 7/28/2009	PBI-15-2 PI42L 7/28/2009	PBI-15-5 PI42M 7/28/2009	PBI-15-8 PI42N 7/28/2009
VOLATILES (µg/kg)														
Method SW8260C														
Vinyl Chloride	0.6 U	1.0 U	0.9 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	0.9 U	0.9 U	0.8 U	0.9 U	1.0 U	0.8 U
1,1-Dichloroethene	0.6 U	1.0 U	0.9 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	0.9 U	0.9 U	0.8 U	0.9 U	1.0 U	0.8 U
cis-1,2-Dichloroethene	0.6 U	1.0 U	0.9 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	0.9 U	0.9 U	0.8 U	0.9 U	1.0 U	0.8 U
Trichloroethene	2.1	11	7.0	3.7	8.3	1.1 U	20	28	35	0.9 U	1.5	0.9 U	1.0 U	0.8 U
Tetrachloroethene	0.6 U	2.9	2.0	1.0 U	2.1	1.1 U	1.7	2.3	5.3	0.9 U	0.8 U	0.9 U	1.0 U	0.8 U
1,1,2,2-Tetrachloroethane	0.6 U	1.0 U	0.9 U	1.0 U	0.9 U	1.1 U	0.9 U	0.9 U	0.9 U	0.9 U	0.8 U	0.9 U	1.0 U	0.8 U

U = Indicates the compound was undetected at the reported concentration.

Bold = Detected compound.

Final Remedial Investigation Report Boeing Isaacson-Thompson Site Tukwila, Washington

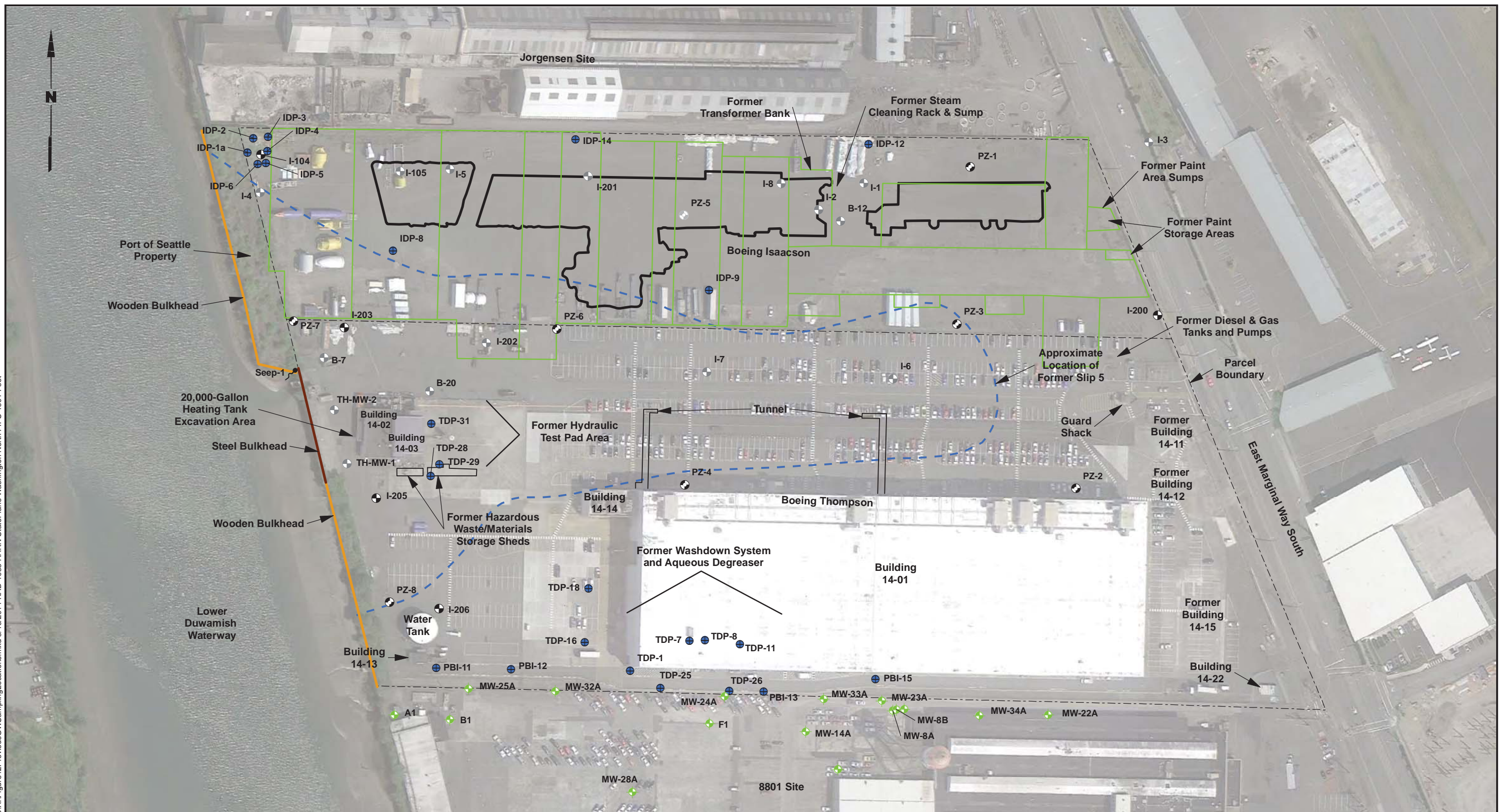
April 21, 2014

Prepared for
The Boeing Company

 **LANDAU
ASSOCIATES**
130 2nd Avenue South
Edmonds, WA 98020
(425) 778-0907


AMEC Environment & Infrastructure, Inc.
3500 188th Street SW, Suite 601
Lynnwood, WA 98037-4763
425.921.4000

G:\Projects\0251190\213013\RI\Figure12\PreviousGWSamplingLocations.mxd 3/19/2014 NAD 1983 HARN StatePlane Washington North FIPS 4601 Feet



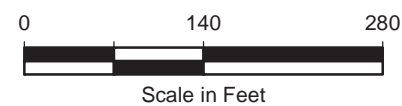
Legend

- Direct-Push Groundwater Sample Location
- Existing Monitoring Well Location
- Existing Piezometer Location
- Decommissioned or Destroyed Monitoring Well
- 8801 Site Groundwater Sampling Locations
- Seep
- Approximate Location of Former Slip 5
- Current Extent of Stabilized Soil Material
- Former Isaacson Building/Building 14-05

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: Google Earth Pro, 2012; King County Parcel Data



Boeing Isaacson-Thompson Site Tukwila, Washington	Previous Groundwater Monitoring Locations	Figure 12
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**TABLE 23
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
SOUTH OF FORMER SLIP 5 AREA
BOEING ISAACSON-THOMPSON SITE
TUKWILA, WASHINGTON**

Preliminary Cleanup Levels	Western Property Boundary- South of Slip 5				Southern Property Boundary/Former Washdown System Collection Sumps										
	IT-MW-7(2-3.5) TU65A 10/31/2011	IT-MW-7(5-6.5) TU65B 10/31/2011	IT-MW-7(8-9.5) TV85A 11/04/2011	IT-MW-7(13.5-15) TV85B 11/04/2011	IT-MW-5(2-3.5) TU90A 11/01/2011	IT-MW-5(5-6.5) TU90B 11/01/2011	IT-MW-5(8-9) TV16A 11/02/2011	IT-MW-5(14-15.5) TV16B 11/02/2011	IT-MW-6(2-3.5) TU90C 11/01/2011	IT-MW-6(5-6.5) TU90D 11/01/2011	IT-MW-6(8-9.5) TV16C 11/02/2011	IT-MW-6(14-15.5) TV16D 11/02/2011	IT-MW-6(20-21.5) TV16E 11/02/2011	IT-MW-6(23-24.5) TV16F 11/02/2011	
VOLATILES (µg/kg)															
Method SW8260C															
Vinyl Chloride	7.4	1.3 U	1.4 U	1.2 U	1.2 U	1.2 U	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	1.4 U	2.2	7.2	1.0 J1
Methylene Chloride	2,400	2.8 J	3.1 J	1.9 J	4.2 J	1.7 J, J1	1.7 J1	2.1 J, J1	3.7 J	3.0	2.9	2.0 J, J1	2.8 J	3.1 J	3.2 J
Acetone	510,000	34 U	58	25 U	14	26 UJ	55 J	33	26	7.6 UJ	7.4 UJ	25 U	9.3 U	20 U	21 U
Carbon Disulfide	75,000	1.3 U	1.4 U	1.2 U	1.2 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	1.4 U	1.2 U	1.4	3.4
1,1-Dichloroethane	710	1.3 U	1.4 U	1.2 UJ	1.2 U	1.2 UJ	1.4 U	1.3 UJ	1.6 UJ	1.2 U	1.2 U	1.1 J, J1	1.2 UJ	1.1 UJ	1.2 UJ
trans-1,2-Dichloroethene	19,000	1.3 U	1.4 U	1.2 U	1.2 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	3.1	1.2 U	1.1 U	1.2 U
cis-1,2-Dichloroethene	2,600	1.3 U	1.4 U	1.2 U	1.2 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	86	51	16	1.6
2-Butanone	430,000	6.4 U	6.8 U	6.1 UJ	6.0 U	6.1 UJ	4.3 J1	6.4 UJ	7.9 UJ	6.2 U	6.2 U	7.0 UJ	6.2 UJ	5.7 UJ	6.0 UJ
1,1,1-Trichloroethane	1,900,000	1.3 U	1.4 U	1.2 U	1.2 U	1.2 UJ	1.9	1.3 U	1.6 U	1.2 U	1.2 U	0.7 J1	1.2 U	1.1 U	1.2 U
Trichloroethene	51	46	22	1.2 U	1.4	1.3 J	1.0 J1	1.3 U	1.6 U	7.7	8.4	270	220	4.3	2.2
Benzene	93	0.8 J1	1.9	1.2 U	1.2 U	1.2 UJ	1.1 J1	1.3 U	0.9 J1	1.2 U	1.2 U	1.4 U	1.2 U	1.1 U	1.2 U
Tetrachloroethene	260	2.7	4.6	0.9 J1	1.7 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	2.5	2.6	1.1 U	1.2 U
Toluene	100,000	1.5	1.0 J1	1.2 U	1.2 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	0.9 J1	1.2 U	0.7 J1	1.2 U
m,p-Xylene	160,000	1.3 U	1.4 U	1.2 U	1.2 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	1.4 U	1.2 U	0.9 J1	1.2 U
sec-Butylbenzene	---	1.3 U	1.4 U	1.2 U	1.2 U	1.2 UJ	1.4 U	1.3 U	1.6 U	1.2 U	1.2 U	1.4 U	1.2 U	0.8 J1	1.2 U
SEMIVOLATILES (µg/kg)															
Method SW8270D															
Naphthalene	2,100	12 J1	9.7 J1	19 U	11 J1	19 U	29	18 U	19 U	18 U	19 U	85	20 U	19 U	19 U
2-Methylnaphthalene	320,000	19 U	19 U	19 U	16 J1	19 U	14 J1	18 U	19 U	18 U	19 U	18 J1	20 U	19 U	19 U
Acenaphthene	230,000	19 U	19 U	19 U	19 U	19 U	18 U	18 U	19 U	18 U	19 U	18 U	20 U	19 U	16 J1
Dibenzofuran	80,000	19 U	19 U	19 U	19 U	19 U	11 J1	18 U	19 U	18 U	19 U	13 J1	20 U	19 U	19 U
Phenanthrene	---	18 J1	24	19 U	19 U	66	55	75	19 U	18 U	19 U	66	20 U	19 U	22
Anthracene	1,600,000	19 U	19 U	19 U	19 U	19 U	18 U	11 J1	19 U	18 U	19 U	18 U	20 U	19 U	19 U
Fluoranthene	230,000	18 J1	16 J1	19 U	19 U	19 U	49	110	19 U	18 U	19 U	59	20 U	19 U	19 U
Pyrene	240,000	16 J1	13 J1	19 U	19 U	19 U	61	120	19 U	18 U	19 U	49	20 U	19 U	19 U
Butylbenzylphthalate	1,700	200	16 J1	19 U	19 U	19 U	56	47	19 U	18 U	19 U	19	20 U	19 U	19 U
Benzo(a)anthracene	---	19 U	19 U	19 U	19 U	19 U	21	48	19 U	18 U	19 U	18 U	20 U	19 U	19 U
bis(2-Ethylhexyl)phthalate	56,600	22 UJ2	16 UJ2	36 U	84 U	24 U	34 U	91	24	23 U	23 U	24	25 U	17 J1	14 J1
Chrysene	---	19	14 J1	19 U	19 U	19 U	41	59	19 U	18 U	19 U	23	20 U	19 U	19 U
Benzo(a)pyrene	---	19 U	19 U	19 U	19 U	19 U	24	47	19 U	18 U	19 U	12 J1	20 U	19 U	19 U
Indeno(1,2,3-cd)pyrene	---	19 U	19 U	19 U	19 U	19 U	20	25	19 U	18 U	19 U	13 J1	20 U	19 U	19 U
Benzo(g,h,i)perylene	---	9.7 J1	19 U	19 U	19 U	19 U	25	31	19 U	18 U	19 U	23	20 U	19 U	19 U
1-Methylnaphthalene	16,000	19 U	19 U	19 U	19 U	19 U	11 J1	18 U	19 U	18 U	19 U	9.2 J1	20 U	19 U	19 U
Total Benzofluoranthenes	---	24	17 J1	19 U	19 U	19 U	49	72	19 U	18 U	19 U	30	20 U	19 U	19 U
Total cPAH TEQ	15	3 J	2 J	ND	ND	ND	33	62	ND	ND	ND	17 J	ND	ND	ND

**TABLE 14
MONITORING WELLS - GROUNDWATER ANALYTICAL RESULTS
SOUTH OF FORMER SLIP 5 AREA
BOEING ISAACSON-THOMPSON SITE
TUKWILA, WASHINGTON**

Location:	Laboratory Sample ID:	Laboratory Data Package ID:	Sample Date:	Tide Level (ft MLLW):	Southern Property Boundary												
					IT-MW-5	IT-MW-5	IT-MW-5	IT-MW-5	IT-MW-6	IT-DUP-1 (IT-MW-6)	IT-MW-6	IT-DUP-1 (IT-MW-6)	IT-MW-6	IT-DUP-2 (IT-MW-6)	IT-MW-6	IT-DUP-2 (IT-MW-6)	
					UB08E/UB08J/ UB09E/UB09J/ UD89A	6572513/6572514/ UL36B	6695720/6695721/ 6695722/UZ55B	6789068/6789069/ 6789070/VJ53H	UA44A/UA44A/ UA45A/UA45H/ UB46A/UB46H	UA44G/UA44G/ UA45G/UA45N/ UB46G/UB46N	6572517/6572518/ UL36D	6572521/UL36F	6697970/6697971/ 6697972/UZ66E	6697973/6697974/ 6697975/UZ66F	6789074/6789075/ 6789076/VJ53J	6789077/6789078/ 6789079/VJ53K	
					UB08/UB09/UD89	1294218/UL36	1317333/UZ55	1335688/VJ53	UA44A/UA45/UB46	UA44A/UA45/UB46	1294218/UL36	1294218/UL36	1317686/UZ66	1317686/UZ66	1335688/VJ53	1335688/VJ53	
					12/13/2011	03/08/2012	6/20/2012	9/13/2012	12/07/2011	12/07/2011	03/08/2012	03/08/2012	6/21/2012	6/21/2012	9/13/2012	9/13/2012	
					7.8	3.8	0.8	5.8	5.2	5.2	3.1	3.8	7.2	7.1	6.4	6.6	
VOLATILES (µg/L)																	
Method SW8260C																	
					2	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 J1	0.1 J1	0.1 U	0.1 U
					---	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 J1	0.2 J1	0.1 U	0.1 U
					21,000	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 J1	0.2 J1	1	1.1	0.1 U	0.1 J1
					9.4	0.2	0.1 U	0.1 U	0.1 U	0.3	0.3	0.2 U	0.2 U	0.2 J1	0.1 J1	0.2 J1	0.2 J1
					33	0.5	0.1 J1	0.1 J1	0.1 J1	1.2	1.3	1.7	1.7	3.3	3.2	2.9	2.8
					3.2	0.2 U	0.1 U	0.1 U	0.1 U	0.6	0.6	0.7	0.7	4.3	4.0	1.6	1.6
					130	0.2 U	0.1 U	0.1 U	0.1 U	130	140	150	160	240	260	200	200
					940	0.2 U	0.1 U	0.1 U	0.1 U	2.1	2.2	2.6	2.6	4.0	3.9	4.3	4.2
					3.7	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
					230	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U
					26	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
					3.3	0.2 U	0.1 U	0.1 U	0.1 U	0.7	0.6	0.8	0.8	0.9	0.9	1.3	1.3
					1300	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
					46,000	2.4	2.2	1.9	2.0	0.3	0.3	0.4 J1	0.4 J1	0.4 J1	0.4 J1	0.6	0.6
					1.4	0.2 U	0.1 U	0.1 U	0.1 U	71	76	110	120	150	150	150	150
					303	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
					0.53	0.2 U	0.1 U	0.1 U	0.1 U	91	100	110	110	120	130	97	100
					1300	0.4 U	0.1 U	0.1 U	0.1 U	0.2 J1	0.2 J1	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
					1600	0.2 U	0.1 U	0.1 U	0.1 U	0.2 J1	0.1 J1	0.2 U	0.2 U	0.9	0.7	0.1 U	0.1 U
VOLATILES (µg/L)																	
Method SW8260C-SIM																	
					3.3	0.020 U	0.010 U	0.010 U	0.010 U	0.56	0.58	1.1	0.95	0.77 J	1.0 J	1.3	1.4
					0.53	0.020 U	0.010 U	0.010 U	0.010 U	42 ES	43 ES	96	94	140	140	110	110
					0.057	0.050 U	NA	NA	NA	0.16 J	0.16 J	NA	NA	NA	NA	NA	NA
SEMIVOLATILES (µg/L)																	
Method SW8270D																	
					120	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.6 J1	0.1 J1	0.2 J1	0.1 U	0.1 U	0.1 U	0.1 U
					200	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	1.0 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
					---	1.0 U	0.5 U	0.5 U	0.5 U	1.0 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
					660	1.0 U	0.5 U	0.5 U	0.5 U	1.0 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
					2.3	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	1.0 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
					64	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	1.0 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
					26	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	1.0 U	0.1 U	0.1 U	0.1 J1	0.1 U	0.1 U	0.1 J1
					---	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	1.0 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
					9.8	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	1.0 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
cPAHs (µg/L)																	
Method SW8270D-SIM																	
					0.0018	NA	0.0070 J1	0.0048 U	0.0050 U	NA	NA	0.0047 U	0.0047 U	0.0051 U	0.0052 U	0.0049 U	0.0048 U
					9.8	NA	0.011 U	0.0095 U	0.010 U	NA	NA	0.0094 U	0.0095 U	0.010 U	0.010 U	0.0097 U	0.0095 U
					0.00018	ND	0.0007 J1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PETROLEUM HYDROCARBONS (mg/L)																	
NWTPH-Dx																	
					0.5	0.10 U	0.067 U	0.029 U	0.029 U	0.10 U	0.10 U	0.068 U	0.067 U	0.031 U	0.030 U	0.028 U	0.029 U
NWTPH-G																	
					1.0/0.8	0.25 U	0.05 U	0.05 U	0.05 U	0.25 U	0.25 U	0.05 U	0.05 U	0.057 J1	0.05 U	0.05 U	0.05 U

**TABLE 14
MONITORING WELLS - GROUNDWATER ANALYTICAL RESULTS
SOUTH OF FORMER SLIP 5 AREA
BOEING ISAACSON-THOMPSON SITE
TUKWILA, WASHINGTON**

Location:	Laboratory Sample ID:	Laboratory Data Package ID:	Sample Date:	Tide Level (ft MLLW):	Western Property Boundary												
					IT-I-206	IT-I-206	IT-I-206	IT-I-206	IT-MW-7	IT-MW-7	IT-MW-7	IT-MW-7	IT-PZ-8	IT-PZ-8	IT-PZ-8	IT-PZ-8	
					UA27D/UA27L/ UA28D/UA28K/ UB45D/UB45K	6577003/6577004/ UM00B	6693953/6693954/ 6693955/UZ37D	6790518/6790519/ 6790520/VJ63G	TZ99A/TZ99D/ UA00A/UA00C/ UB44A/UB44C	6577001/6577002/ UM00A	6693950/6693951/ 6693952/UZ37C	6790515/6790516/ 6790517/VJ63F	TZ99B/TZ99E/ UA00B/UA00D/ UB44B/UB44D	6577005/6577006/ UM00C	6690474/6690475/ 6690476/UZ00B	6789050/6789051/ 6789052/VJ53B	
	Preliminary	Cleanup	Levels		12/06/2011	03/12/2012	6/19/2012	9/14/2012	12/05/2011	03/12/2012	6/19/2012	9/14/2012	12/05/2011	03/12/2012	6/15/2012	9/13/2012	
					0.3	-0.3	-1.1	0.8	1.3	0.1	-1.6	1.3	1.2	-0.3	0.1	1.2	
VOLATILES (µg/L)																	
Method SW8260C																	
Benzene	2	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
sec-Butylbenzene	---	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
Chloroethane	21,000	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
Chloroform	9.4	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
1,1-Dichloroethane	33	0.2 U	0.1 J1	0.1 J1	0.1 J1	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
1,1-Dichloroethene	3.2	0.1 J1	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
cis-1,2-Dichloroethene	130	0.2	0.2 J1	0.3	0.2	1.7	2.8	2.3	1.7	2.8	2.3	1.2	0.2 U	0.1 U	0.1 U	0.1 U	
trans-1,2-Dichloroethene	940	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
1,2-Dichloropropane	3.7	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
Methylene Chloride	230	0.5 U	0.2 U	0.2 U	0.2 U	0.3 J1	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	
Naphthalene	26	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U	
Tetrachloroethene	3.3	0.2 U	0.1 U	0.1 U	0.1 U	0.5	0.3	0.4	0.5	0.3	0.4	0.4	0.2 U	0.1 U	0.1 U	0.1 U	
Toluene	1300	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
1,1,1-Trichloroethane	46,000	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
Trichloroethene	1.4	0.2 U	0.1 U	0.1 U	0.1 U	1.3	1.4	1.4	1.3	1.4	1.3	1.3	0.2 U	0.1 U	0.1 U	0.1 U	
1,2,4-Trimethylbenzene	303	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
Vinyl Chloride	0.53	0.4	0.5	0.4	0.3	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
m,p-Xylene	1300	0.4 U	0.1 U	0.1 U	0.1 U	0.4 U	0.1 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 U	
o-Xylene	1600	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	
VOLATILES (µg/L)																	
Method SW8260C-SIM																	
Tetrachloroethene	3.3	0.020 U	0.010 U	0.010 J1	0.010 U	0.44	0.36	0.38	0.41	0.44	0.36	0.38	0.41	0.020 U	0.010 U	0.025	0.010 U
Vinyl Chloride	0.53	0.31	0.46	0.37	0.24	0.020 U	0.012 J1	0.010 U	0.010 U	0.020 U	0.012 J1	0.010 U	0.010 U	0.020 U	0.010 U	0.010 U	0.010 U
Acrylonitrile	0.057	0.050 U	NA	NA	NA	0.050 U	NA	NA	NA	0.050 U	NA	NA	0.050 U	NA	NA	NA	NA
SEMI-VOLATILES (µg/L)																	
Method SW8270D																	
Acenaphthene	120	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
Anthracene	200	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
Carbazole	---	1.0 U	0.5 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	1.0 U	0.6 U	0.5 U	0.5 U	
2,4-Dimethylphenol	660	1.0 U	0.5 U	0.5 U	1	1.0 U	0.5 U	0.5 U	1.0 U	0.5 U	0.5 U	0.5 U	1.0 U	0.6 U	0.5 U	0.5 U	
1-Methylnaphthalene	2.3	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
2-Methylnaphthalene	64	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
Naphthalene	26	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
Phenanthrene	---	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
Pyrene	9.8	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	1.0 U	0.1 U	0.1 U	0.1 U	1.0 U	0.1 U	0.09 U	0.09 U	
cPAHs (µg/L)																	
Method SW8270D-SIM																	
Benzo(b)fluoranthene	0.0018	NA	0.0048 U	0.0054 U	0.0051 U	NA	0.0048 U	0.0050 U	0.0048 U	NA	0.0048 U	0.0048 U	NA	0.0048 U	0.0048 U	0.0048 U	0.0048 U
Pyrene	9.8	NA	0.0095 U	0.011 U	0.010 U	NA	0.0095 U	0.010 U	0.0096 U	NA	0.0095 U	0.0096 U	NA	0.0095 U	0.0096 U	0.0094 U	
Total cPAHs TEQ	0.00018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PETROLEUM HYDROCARBONS (mg/L)																	
NWTPH-Dx																	
Diesel-Range Organics	0.5	0.10 U	0.075 U	0.031 U	0.033 U	0.10 U	0.068 U	0.030 U	0.030 U	0.10 U	0.068 U	0.030 U	0.10 U	0.069 U	0.030 U	0.029 U	
NWTPH-G																	
Gasoline-Range Organics	1.0/0.8	0.25 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U	0.05 U	

Lower Duwamish Waterway

NPDES Inspection Sampling Support 2014/2015

Prepared for



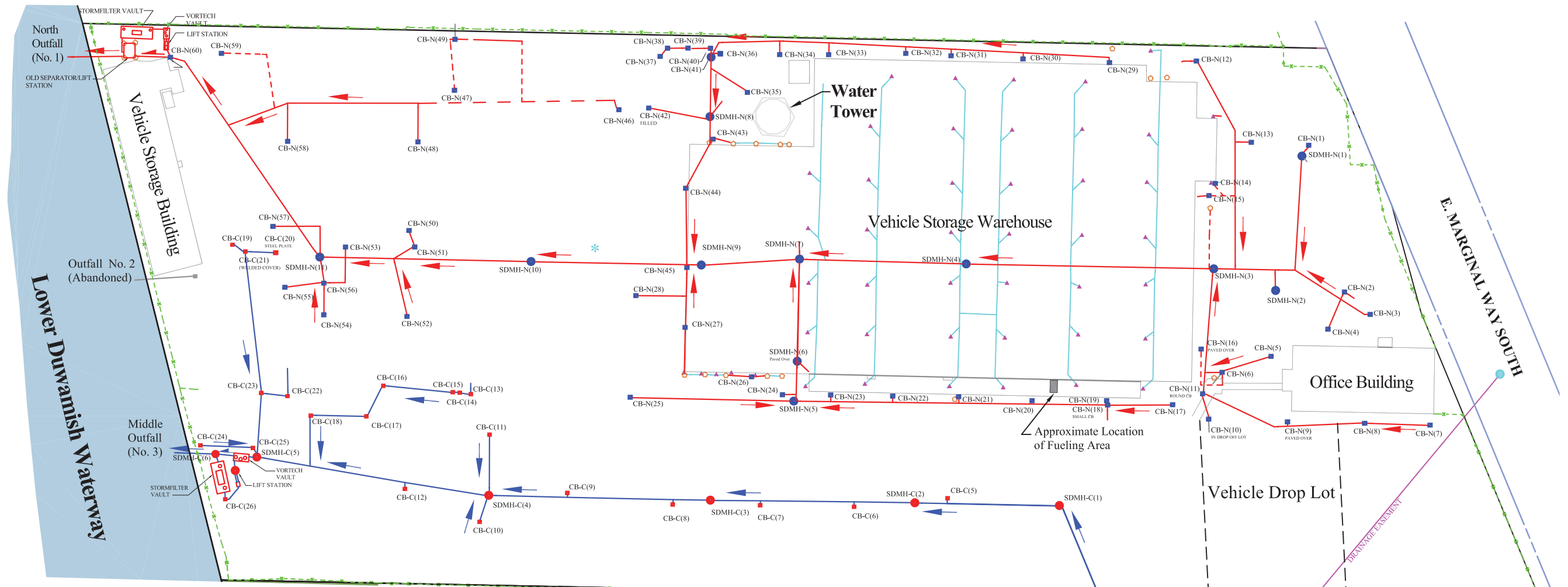
Toxics Cleanup Program
Northwest Regional Office
Washington State Department of Ecology
Bellevue, Washington

Prepared by



18912 North Creek Parkway, Suite 101
Bothell, Washington 98011

June 2015



LEGEND:

	OUTFALL NO. 1 STORM DRAIN PIPES		OUTFALL NO. 1 BASIN CONVEYANCE /ROUTE
	OUTFALL NO. 1 CATCH BASINS		OVERFLOW ROUTE ^a
	OUTFALL NO. 3 STORM DRAIN PIPES		DOWNSPOUTS
	OUTFALL NO. 3 CATCH BASINS		ROOF DRAIN INLET
	OUTFALL NO. 3 STORM DRAIN MANHOLES		ROOF DRAIN PIPES
	EASEMENT STORM DRAIN PIPES		EAST MARGINAL WAY RIGHT OF WAY
	EASEMENT STORM DRAIN MANHOLES		FENCE LINE
	ABANDONED STORM DRAIN PIPES		PROPERTY LINE
	PRESUMED ALIGNMENT OF STORM DRAIN PIPES ^b		APPROXIMATE LOCATION OF A WELL - NON STORM WATER RELATED STRUCTURE

^a DURING SEVERE STORM EVENTS, THIS ROUTE MAY BE USED IN CONJUNCTION WITH THE NORMAL FLOW ROUTE
^b BASED ON HISTORICAL INFORMATION OR FIELD OBSERVATIONS OF PIPES WITHIN DRAINAGE STRUCTURES, DYE/SMOKE TESTING, AND VIDEO SURVEILLANCE. WORK IS ONGOING TO CONFIRM THESE CONNECTIONS.

Note:
 Base map, utilities, and all survey related information has been obtained from Barghausen Consulting Engineers, Incorporated As-built storm drainage and water quality improvements plans, dated 7/19/08. The base map has been updated based on field observations by Insurance Auto Auctions and Windward Environmental staff. The storm drain system on north parcel is owned by Merrill Creek Holdings LLC. The storm drain system on the south parcel is owned by Container Properties LLC.

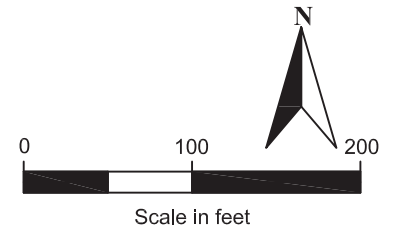


Figure 4. North parcel storm drainage detail
Storm Water Pollution Prevention Plan (SWPPP)
Insurance Auto Auctions, Inc.
8801 East Marginal Way South
Seattle, Washington

Figure Q-1a. Insurance Auto Auctions SWPPP Map – North Parcel

Acronyms and Abbreviations Used in Tables

<	not detected
%	percent
2LAET	Second Lowest Apparent Effects Threshold
CaCO ₃	calcium carbonate
CB	chlorobiphenyl
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CSL	Cleanup Screening Level
EF	exceedance factor (sample result / criteria value)
EMPC	estimated maximum possible concentration
EPA	U.S. Environmental Protection Agency
HHO	human health – consumption of organisms only
HPAH	high molecular weight polycyclic aromatic hydrocarbon
ICP-MS	Inductively coupled plasma – mass spectrometry
ISGP	Industrial Stormwater General Permit
J	estimated concentration
JN	estimated concentration
LAET	Lower Apparent Effects Threshold
LDW	Lower Duwamish Waterway
LPAH	low molecular weight polycyclic aromatic hydrocarbon
MA	marine acute
MC	marine chronic
µg/L	micrograms per liter
µmhos/cm	micromhos per centimeter
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mS/cm	milliSiemens per centimeter
MTCA	Model Toxics Control Act
na	not analyzed
nd	not detected

ng/kg	nanograms per kilogram
NPDES	National Pollutant Discharge Elimination System
NR WQC	National Recommended Water Quality Criteria
NTR WQC	National Toxics Rule Water Quality Criteria
NTU	Nephelometric Turbidity Units
OC	organic carbon
ORP	Oxidation Reduction Potential
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
pg/L	picograms per liter
PSEP	Puget Sound Estuary Program
R	rejected during data validation review
RAL	Remedial Action Level
RL	reporting limit
SCO	Sediment Cleanup Objective
SDL	sample detection limit
SIM	Selected ion monitoring
SMS	Washington State Sediment Management Standards
std units	standard units
SVOC	Semivolatile organic compound
SW	Surface water
TEQ	toxic equivalency
TPH	Total petroleum hydrocarbon
U	not detected
U*	Flagged as EMPC by the laboratory; this was changed to U (non-detect) during data validation
VOC	volatile organic compound
WA WQC	Washington State Water Quality Criteria
WQC	Water Quality Criteria

Table Q-1
Sampling Locations and Analytical Methods
Insurance Auto Auctions

Analyte	Method	Sample Location / Collection Date		
		IA-CBN-60 10/20/2014	IA-CV-01 10/20/2014	IA-MHS-05 10/20/2014
Water Samples				
Metals (total)	EPA 200.8	●	●	●
Mercury (total, dissolved)	SW 7470A	●	●	●
PCB Congeners	EPA 1668C	●	●	●
SVOCs	SW 8270D-Low	●	●	●
Dioxins/furans	EPA 1613B	●	●	●
Alkalinity/Bicarbonate/Carbonate	SM 2320B	●	●	●
Anions	EPA 300.0	●	●	●
Specific Conductance	EPA 120.1	●	●	●
pH	SM 4500H+B	●	●	●
Total organic carbon	SM 5310B	●	●	●
Dissolved organic carbon	SM 5310B	●	●	●
Total suspended solids	SM 2540D	●	●	●

Note: No solids samples were collected at Insurance Auto Auctions.

Bullet indicates a sample was collected for the listed analyte at the specified location.

**Table Q-2. Water Quality Data - Field Measurements
Insurance Auto Auctions**

Location ID			IA-MHS-05	IA-CBN-60	IA-CV-01
Collection Date			10/20/2014	10/20/2014	10/20/2014
Analyte	ISGP Benchmark	Units	Result	Result	Result
Field Parameters					
Flow	--	Yes/No	No	No	No
pH	5.0 to 9.0	std units	7.5	6.7	6.3
Conductivity	--	mS/cm	-- a	-- a	-- a
Temperature	--	degrees C	16.5	16.2	16.6
Total Dissolved Solids	--	mg/L	50	30	30
Turbidity	25	NTU	0.0	0.0	34
Oil & Grease	No visible sheen	Yes/No	No	No	Yes
Dissolved Oxygen	--	mg/L	13	12	12
ORP	--	mV	46	106	133

Results in **bold** exceed the ISGP benchmark.

a - Conductivity values on field form appear to be incorrect and are not reported here.

**Table Q-3. Water Sample Results
Insurance Auto Auctions**

	Location ID					IA-MHS-05	IA-CBN-60	IA-CV-01
	Collection Date					10/20/2014	10/20/2014	10/20/2014
Analyte	ISGP Benchmark	WA WQC		NTR WQC	NR WQC	Result	Result	Result
		Marine		HHO	HHO			
		Chronic	Acute					
Total Metals (µg/L)								
Antimony	--	--	--	--	--	0.55	0.60	1.0
Arsenic	150	36	69	--	--	< 1.0 U	< 1.0 U	< 1.0 U
Beryllium	--	--	--	--	--	< 0.40 U	< 0.40 U	< 0.40 U
Cadmium	2.1	9.4	42	--	--	0.054 J	0.15 J	0.14 J
Chromium	--	--	--	--	--	1.1	1.3	1.7
Chromium, hexavalent	--	--	--	--	--	na	na	na
Copper	14	3.7	5.8	--	--	7.4	21	9.8
Lead	81.6	8.5	221	--	--	3.8	11	18
Mercury	1.4	0.025	2.1	--	--	< 0.20 U	< 0.20 U	< 0.20 U
Nickel	--	8.3	75	--	--	1.7 J	1.3 J	1.5 J
Selenium	5	71	291	--	--	< 1.0 U	< 1.0 U	< 1.0 U
Silver	3.8	--	2.2	--	--	< 0.40 U	0.059 J	0.051 J
Thallium	--	--	--	--	--	< 1.0 U	< 1.0 U	< 1.0 U
Zinc	117	86	95	--	--	47	100	67
PCB Congeners (µg/L) ^a								
Total PCB Congeners	--	0.03	10	1.70E-04	6.40E-05	7.59E-04	0.028 J	0.00628 J
PCB TEQ, nd SDL*0	--	0.03	10	--	--	1.62E-09 J	3.80E-06	9.20E-07 J
PCB TEQ, nd SDL*0.5	--	0.03	10	--	--	3.21E-07 J	3.84E-06	1.03E-06 J
PCB TEQ, nd SDL*1	--	0.03	10	--	--	6.40E-07 J	3.87E-06	1.15E-06 J
Dioxins and Furans (pg/L) ^a								
2,3,7,8-TCDD	--	--	--	0.014	0.0051	< 2.28 U	< 2.38 U	< 1.48 U
1,2,3,7,8-PeCDD	--	--	--	--	--	< 2.92 U	< 1.83 U	< 1.98 U
1,2,3,4,7,8-HxCDD	--	--	--	--	--	< 3.06 UJ	< 3.68 U	< 3.87 U
1,2,3,6,7,8-HxCDD	--	--	--	--	--	< 4.22 U	< 4.58 U	< 4.85 U
1,2,3,7,8,9-HxCDD	--	--	--	--	--	< 4.99 U	< 3.63 U	< 5.31 U
1,2,3,4,6,7,8-HpCDD	--	--	--	--	--	38.6	69.1	47.5
OCDD	--	--	--	--	--	194	706	296
2,3,7,8-TCDF	--	--	--	--	--	< 1.39 U	< 2.28 U	< 1.78 U
1,2,3,7,8-PeCDF	--	--	--	--	--	< 2.80 U	< 2.10 U	< 1.62 U
2,3,4,7,8-PeCDF	--	--	--	--	--	< 2.43 U	< 2.00 U	< 1.84 U
1,2,3,4,7,8-HxCDF	--	--	--	--	--	< 1.72 U	< 1.87 U	< 2.11 U
1,2,3,6,7,8-HxCDF	--	--	--	--	--	< 1.76 U	< 1.98 U	< 2.10 U
1,2,3,7,8,9-HxCDF	--	--	--	--	--	< 3.19 U	< 3.21 U	< 3.64 U

**Table Q-3. Water Sample Results
Insurance Auto Auctions**

	Location ID					IA-MHS-05	IA-CBN-60	IA-CV-01
	Collection Date					10/20/2014	10/20/2014	10/20/2014
Analyte	ISGP Benchmark	WA WQC		NTR WQC	NR WQC	Result	Result	Result
		Marine		HHO	HHO			
		Chronic	Acute					
2,3,4,6,7,8-HxCDF	--	--	--	--	--	< 1.91 U	< 2.05 U	< 2.14 U
1,2,3,4,6,7,8-HpCDF	--	--	--	--	--	< 3.15 U	27.1	19.4 J
1,2,3,4,7,8,9-HpCDF	--	--	--	--	--	< 1.72 U	< 3.13 U	< 1.25 U
OCDF	--	--	--	--	--	< 4.92 U*	135	36.9 J
Total TCDD	--	--	--	--	--	< 2.28 U	< 2.38 U	< 1.48 U
Total PeCDD	--	--	--	--	--	< 6.80 U	< 1.83 U	< 5.48 U
Total HxCDD	--	--	--	--	--	< 5.16 U	8.36	10.2
Total HpCDD	--	--	--	--	--	38.6 J	114	83.0
Total TCDF	--	--	--	--	--	< 1.39 U	< 2.78 U	< 3.46 U
Total PeCDF	--	--	--	--	--	< 6.75 U	< 3.81 U	< 2.05 U
Total HxCDF	--	--	--	--	--	< 6.95 U	6.72 J	10.3 J
Total HpCDF	--	--	--	--	--	< 2.69 U	80.8	39.3
Dioxin/Furan TEQ, nd SDL*0	--	--	--	--	--	0.444	1.12	0.769 J
Dioxin/Furan TEQ, nd SDL*0.5	--	--	--	--	--	4.59	4.79	4.10 J
Dioxin/Furan TEQ, nd SDL*1	--	--	--	--	--	8.73	8.41	7.42 J
PAHs (µg/L)								
1-Methylnaphthalene	--	--	--	--	--	< 0.058 U	< 0.058 U	< 0.29 U
2-Chloronaphthalene	--	--	--	--	1,600	< 0.058 U	< 0.058 U	< 0.29 U
2-Methylnaphthalene	--	--	--	--	--	< 0.19 U	< 0.19 U	< 0.97 U
Acenaphthene	--	--	--	--	990	< 0.097 U	< 0.096 U	< 0.48 U
Acenaphthylene	--	--	--	--	--	< 0.078 U	< 0.077 U	< 0.39 U
Anthracene	--	--	--	110,000	40,000	< 0.039 U	< 0.039 U	< 0.19 U
Benzo(a)anthracene	--	--	--	0.031	0.018	< 0.058 U	0.036 J	< 0.29 U
Benzo(a)pyrene	--	--	--	0.031	0.018	< 0.039 U	< 0.039 U	< 0.19 U
Benzo(b)fluoranthene	--	--	--	0.031	0.018	< 0.078 U	0.13	0.15 J
Benzo(g,h,i)perylene	--	--	--	--	--	< 0.058 U	0.049 J	< 0.29 U
Benzo(k)fluoranthene	--	--	--	0.031	0.018	< 0.058 U	0.067	< 0.29 U
Chrysene	--	--	--	0.031	0.018	< 0.039 U	0.14	0.18 J
Dibenz(a,h)anthracene	--	--	--	0.031	0.018	< 0.058 U	< 0.058 U	< 0.29 U
Dibenzofuran	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
Fluoranthene	--	--	--	370	140	< 0.049 U	0.18	0.21 J
Fluorene	--	--	--	14,000	5,300	< 0.058 U	< 0.058 U	< 0.29 U
Indeno(1,2,3-cd)pyrene	--	--	--	0.031	0.018	< 0.058 U	0.05 J	< 0.29 U
Naphthalene	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
Phenanthrene	--	--	--	--	--	0.020 J	< 0.077 U	< 0.39 U

**Table Q-3. Water Sample Results
Insurance Auto Auctions**

Analyte	Location ID					IA-MHS-05	IA-CBN-60	IA-CV-01
	Collection Date					10/20/2014	10/20/2014	10/20/2014
	ISGP Benchmark	WA WQC		NTR WQC	NR WQC	Result	Result	Result
Marine		HHO	HHO					
	Chronic	Acute						
Pyrene	--	--	--	11,000	4,000	< 0.058 U	0.13	0.16 J
Total Benzofluoranthenes	--	--	--	--	--	< 0.078 U	0.20	0.15 J
Total HPAHs	--	--	--	--	--	< 0.078 U	0.64	0.70
Total LPAHs	--	--	--	--	--	0.020	< 0.39 U	< 1.9 U
Total PAHs	--	--	--	--	--	0.020	0.78	0.70
cPAHs, nd RL*0	--	--	--	--	--	< 0 U	0.0297 J	0.017 J
cPAHs, nd RL*0.5	--	--	--	--	--	< 0.035 U	0.0521 J	0.17 J
cPAHs, nd RL*1	--	--	--	--	--	< 0.070 U	0.0745 J	0.32 J
Phthalates (µg/L)								
bis(2-Ethylhexyl)phthalate	--	--	--	5.9	2.2	2.8 J	1.2 J	11 J
Butylbenzylphthalate	--	--	--	--	1,900	0.24 J	0.20 J	< 2.9 U
Di-n-Butylphthalate	--	--	--	12,000	4,500	0.15 J	0.16 J	< 1.9 U
Diethylphthalate	--	--	--	120,000	44,000	< 0.39 U	< 0.39 U	< 1.9 U
Dimethylphthalate	--	--	--	2,900,000	1,100,000	< 0.39 U	< 0.39 U	< 1.9 U
Di-n-Octyl phthalate	--	--	--	--	--	0.44	0.69	0.94 J
Phenols (µg/L)								
2,3,4,6-Tetrachlorophenol	--	--	--	--	--	< 0.68 U	< 0.68 U	< 3.4 U
2,4,5-Trichlorophenol	--	--	--	--	3,600	< 0.39 U	< 0.39 U	< 1.9 U
2,4,6-Trichlorophenol	--	--	--	6.5	2.4	< 0.58 U	< 0.58 U	< 2.9 U
2,4-Dichlorophenol	--	--	--	790	290	< 0.39 U	< 0.39 U	< 1.9 U
2,4-Dimethylphenol	--	--	--	--	850	< 1.9 U	< 1.9 U	< 9.7 U
2,4-Dinitrophenol	--	--	--	14,000	5,300	< 4.9 U	< 4.8 U	< 24 U
2-Chlorophenol	--	--	--	--	150	< 0.39 U	< 0.39 U	< 1.9 U
2-Methylphenol	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
2-Nitrophenol	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
4,6-Dinitro-2-Methylphenol	--	--	--	765	280	< 3.9 U	< 3.9 U	< 19 U
4-Chloro-3-methylphenol	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
4-Methylphenol	--	--	--	--	--	1.0	< 0.77 U	< 3.9 U
4-Nitrophenol	--	--	--	--	--	< 2.9 U	< 2.9 U	< 15 U
Pentachlorophenol	--	7.9	13	8.2	3.0	0.21 J	0.28 J	0.88 J
Phenol	--	--	--	4,600,000	860,000	0.25 J	< 0.58 U	< 2.9 U
Other SVOCs (µg/L)								
1,2,4-Trichlorobenzene	--	--	--	--	70	< 0.39 U	< 0.39 U	< 1.9 U
1,2-Dichlorobenzene	--	--	--	17,000	1,300	< 0.39 U	< 0.39 U	< 1.9 U
1,3-Dichlorobenzene	--	--	--	2,600	960	< 0.39 U	< 0.39 U	< 1.9 U

**Table Q-3. Water Sample Results
Insurance Auto Auctions**

Analyte	Location ID					IA-MHS-05	IA-CBN-60	IA-CV-01
	Collection Date					10/20/2014	10/20/2014	10/20/2014
	ISGP Benchmark	WA WQC Marine		NTR WQC	NR WQC	Result	Result	Result
Chronic		Acute	HHO	HHO				
1,4-Dichlorobenzene	--	--	--	2,600	190	< 0.39 U	< 0.39 U	< 1.9 U
2,4-Dinitrotoluene	--	--	--	9.1	3.4	< 0.39 U	< 0.39 U	< 1.9 U
2,6-Dinitrotoluene	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
2-Nitroaniline	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
3,3'-Dichlorobenzidine	--	--	--	0.077	0.028	< 1.9 U	< 1.9 U	< 9.7 U
3-Nitroaniline	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
4-Bromophenyl-phenylether	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
4-Chloroaniline	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
4-Chlorophenyl-phenylether	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
4-Nitroaniline	--	--	--	--	--	< 0.58 U	< 0.58 U	< 2.9 U
Benzoic Acid	--	--	--	--	--	0.89 J	3.3 J	3.0 J
Benzyl Alcohol	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
2,2'-Oxybis(1-Chloropropane)	--	--	--	170,000	65,000	< 0.39 U	< 0.39 U	< 1.9 U
bis(2-Chloroethoxy) Methane	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
Bis-(2-Chloroethyl) Ether	--	--	--	1.4	0.53	< 0.39 U	< 0.39 U	< 1.9 U
Carbazole	--	--	--	--	--	< 0.39 U	< 0.39 U	< 1.9 U
Hexachlorobenzene	--	--	--	0.00077	0.00029	< 0.39 U	< 0.39 U	< 1.9 U
Hexachlorobutadiene	--	--	--	50	18	< 0.58 U	< 0.58 U	< 2.9 U
Hexachlorocyclopentadiene	--	--	--	17,000	1,100	< 1.9 U	< 1.9 U	< 9.7 U
Hexachloroethane	--	--	--	8.9	3.3	< 0.58 U	< 0.58 U	< 2.9 U
Isophorone	--	--	--	600	960	< 0.39 U	< 0.39 U	< 1.9 U
Nitrobenzene	--	--	--	1,900	690	< 0.39 U	< 0.39 U	< 1.9 U
N-Nitrosodimethylamine	--	--	--	8.1	3.0	< 1.9 U	< 1.9 U	< 9.7 U
N-Nitroso-Di-N-Propylamine	--	--	--	--	0.51	< 0.39 U	< 0.39 U	< 1.9 U
N-Nitrosodiphenylamine	--	--	--	16	6.0	< 0.39 U	< 0.39 U	< 1.9 U

Results in **bold** are detections.

Results that are shaded in gray exceed one or more criteria.

a - Total PCB congeners and PCB/dioxin/furan TEQs include only congeners that met identification criteria as required by EPA Method 1668C (PCBs) or EPA Method 1613B (dioxins/furans).

PCB and dioxin/furan congeners identified with a U* qualifier were tagged as "estimated maximum possible concentrations" by the laboratory. This was changed to non-detect (U) during data validation.

**Table Q-4. Water Sample Results Compared to Criteria
Insurance Auto Auctions**

Location ID	IA-MHS-05					IA-CBN-60				
Collection Date	10/20/2014					10/20/2014				
Analyte	Exceedance Factor					Exceedance Factor				
	ISGP Benchmark	WA Marine Chronic	WA Marine Acute	NTR Human Health - Organisms	NR Human Health - Organisms	ISGP Benchmark	WA Marine Chronic	WA Marine Acute	NTR Human Health - Organisms	NR Human Health - Organisms
Total Metals										
Copper		2.0	1.3			1.5	5.6	3.6		
Lead							1.3			
Zinc							1.2	1.1		
PCB Congeners										
Total PCB Congeners				4.5	12				166	441
PAHs										
Benzo(a)anthracene									1.2	2.0
Benzo(b)fluoranthene									4.2	7.2
Benzo(k)fluoranthene									2.2	3.7
Chrysene									4.5	7.8
Indeno(1,2,3-cd)pyrene									1.6	2.8
Phthalates										
bis(2-Ethylhexyl)phthalate					1.3					

Exceedance Factors (EFs) are presented for detected concentrations only.

Only chemicals with EF > 1 are shown.

The EFs are calculated (result divided by criterion) and have no regulatory relevance. They provide an indication of the general magnitude of the concentration relative to the WA, NTR, or NR Water Quality Criteria.

**Table Q-4. Water Sample Results Compared to Criteria
Insurance Auto Auctions**

Location ID	IA-CV-01				
Collection Date	10/20/2014				
Analyte	Exceedance Factor				
	ISGP Benchmark	WA Marine Chronic	WA Marine Acute	NTR Human Health - Organisms	NR Human Health - Organisms
Total Metals					
Copper		2.6	1.7		
Lead		2.1			
Zinc					
PCB Congeners					
Total PCB Congeners				37	98
PAHs					
Benzo(a)anthracene					
Benzo(b)fluoranthene				4.8	8.3
Benzo(k)fluoranthene					
Chrysene				5.8	10
Indeno(1,2,3-cd)pyrene					
Phthalates					
bis(2-Ethylhexyl)phthalate				1.9	5.0

Exceedance Factors (EFs) are presented for detected concentrations only.

Only chemicals with EF > 1 are shown.

The EFs are calculated (result divided by criterion) and have no regulatory relevance. They provide an indication of the general magnitude of the concentration relative to the WA, NTR, or NR Water Quality Criteria.

**Table Q-5. Water Sample Results - PCB Congeners
Industrial Auto Auctions**

Location ID	IA-CBN-60	IA-CV-01	IA-MHS-05
Collection Date	10/20/2014	10/20/2014	10/20/1024
Analyte	Result	Result	Result
Total PCB Congeners (µg/L)	0.0282 J	0.00628 J	0.000759 J
Total PCB Congeners (pg/L)	28,200 J	6,280 J	759 J
Total Mono-CB (pg/L)	9.32 J	28.9 J	< 7.03 U
PCB-1	5.43	15.5	< 6.59 U
PCB-2	< 3.94 U	4.70 J	< 7.03 U
PCB-3	3.89 J	8.67 J	< 6.81 U
Total Di-CB (pg/L)	24.2 J	50.6 J	< 28.0 U
PCB-4/10	< 10.5 U	< 22.3 U	< 24.1 U
PCB-5/8	14.5 J	28.8 J	< 20.2 U
PCB-6	< 8.76 U	< 17.7 U	< 19.7 U
PCB-7/9	< 8.70 U	< 17.6 U	< 19.6 U
PCB-11	< 46.9 U	< 31.2 U*	< 28.0 U*
PCB-12/13	< 8.98 U	< 18.2 U	< 19.7 U
PCB-14	< 8.01 U	< 16.3 U	< 17.6 U
PCB-15	9.74 J	21.8	< 17.9 U
Total Tri-CB (pg/L)	106 J	111 J	48.5
PCB-16/32	12.0	< 13.5 U	< 8.92 U
PCB-17	5.88	7.37 J	4.02 J
PCB-18	16.1	16.2	12.1
PCB-19	< 1.37 U	3.66 J	< 5.54 U
PCB-20/21/33	12.0 J	17.1 J	9.07 J
PCB-22	6.25	10.7	4.76 J
PCB-23	< 1.82 U	< 2.73 U	< 2.15 U
PCB-24/27	< 0.960 U	< 2.47 U	< 3.78 U
PCB-25	2.30 J	< 2.67 U	< 2.10 U
PCB-26	3.77 J	< 2.77 U	< 2.18 U
PCB-28	15.5	20.5	9.06 J
PCB-29	< 1.79 U	< 2.70 U	< 2.12 U
PCB-30	< 0.969 U	< 2.51 U	< 3.93 U
PCB-31	14.8	22.5	9.46 J
PCB-34	< 1.89 U	< 2.84 U	< 2.24 U
PCB-35	4.78 J	< 2.94 U	< 2.39 U
PCB-36	< 2.03 U	< 2.94 U	< 2.39 U
PCB-37	12.2	13.0	< 2.37 U
PCB-38	< 2.07 U	< 2.99 U	< 2.43 U
PCB-39	< 1.97 U	< 2.85 U	< 2.32 U
Total Tetra-CB (pg/L)	1,010 J	595 J	140 J
PCB-40	11.5	< 8.02 U*	< 4.50 U
PCB-41/64/71/72	52.4	45.9	12.6 J
PCB-42/59	15.2	13.1 J	< 3.03 U
PCB-43/49	55.2	33.7	10.2 J
PCB-44	97.3	70.9	12.3
PCB-45	< 4.14 U*	4.80 J	< 4.00 U
PCB-46	< 2.44 U*	3.94 J	< 4.06 U
PCB-47	12.3	23.4	59.7
PCB-48/75	7.20 J	4.20 J	< 2.82 U
PCB-50	< 2.66 U	< 3.73 U	< 3.74 U
PCB-51	1.50 J	< 2.28 U*	< 6.06 U*
PCB-52/69	170	102	< 16.2 U*
PCB-53	6.25	< 5.40 U*	< 3.25 U
PCB-54	< 2.15 U	< 3.01 U	< 3.02 U
PCB-55	< 5.58 U*	< 2.83 U	< 2.68 U

**Table Q-5. Water Sample Results - PCB Congeners
Industrial Auto Auctions**

Location ID	IA-CBN-60	IA-CV-01	IA-MHS-05
Collection Date	10/20/2014	10/20/2014	10/20/1024
Analyte	Result	Result	Result
PCB-56/60	70.0	38.9	< 6.91 U*
PCB-57	< 2.01 U	< 2.77 U	< 2.63 U
PCB-58	< 2.03 U	< 2.80 U	< 2.66 U
PCB-61/70	290	139	20.9
PCB-62	< 2.20 U	< 2.89 U	< 2.85 U
PCB-63	< 2.00 U	< 2.76 U	< 2.62 U
PCB-65	< 2.13 U	< 2.80 U	< 2.76 U
PCB-67	4.80 J	< 2.88 U	< 2.73 U
PCB-68	< 1.92 U	4.57 J	8.96 J
PCB-73	< 2.14 U	< 2.93 U	< 2.82 U
PCB-74	49.6	30.5	4.96 J
PCB-76/66	90.6	54.5	10.3 J
PCB-77	52.7	23.4	< 2.84 U
PCB-78	< 2.35 U	< 2.99 U	< 2.92 U
PCB-79	14.1	< 2.79 U	< 2.65 U
PCB-80	< 1.90 U	< 2.46 U	< 2.33 U
PCB-81	5.46	1.77 J	< 2.61 U
Total Penta-CB (pg/L)	10,400 J	2,620 J	241 J
PCB-82	248	64.2	< 6.91 U*
PCB-83	< 2.82 U	< 4.73 U	< 4.11 U
PCB-84/92	448	161	14.3 J
PCB-85/116	244	70.5	< 6.28 U*
PCB-86	< 4.19 U	< 7.03 U	< 6.11 U
PCB-87/117/125	641	169	18.3 J
PCB-88/91	103	< 6.72 U	< 6.13 U
PCB-89	7.50	< 2.07 U*	< 5.50 U
PCB-90/101	1,210	364	45.0
PCB-93	< 3.77 U	< 6.06 U	< 5.53 U
PCB-94	< 3.85 U	< 6.18 U	< 5.64 U
PCB-95/98/102	592	270	32.2
PCB-96	4.12 J	< 4.99 U	< 4.29 U
PCB-97	446	125	13.7
PCB-99	418	126	15.2
PCB-100	< 3.04 U	< 5.44 U	< 4.68 U
PCB-103	< 3.26 U	< 5.84 U	< 5.03 U
PCB-104	< 2.42 U	< 4.33 U	< 3.73 U
PCB-105	1,140	200	< 17.3 U*
PCB-106/118	2,400	431	44.7
PCB-107/109	148	< 26.0 U*	< 4.09 U
PCB-108/112	59.8	23.0	< 4.85 U
PCB-110	2,000	528	53.6
PCB-111/115	14.5	6.09 J	< 3.56 U
PCB-113	< 2.84 U	< 2.01 U*	< 4.14 U
PCB-114	51.7	7.90 J	< 4.18 U
PCB-119	15.8	4.89 J	< 3.63 U
PCB-120	< 2.19 U*	< 4.03 U	< 3.51 U
PCB-121	< 2.24 U	28.6	3.51 J
PCB-122	< 21.6 U*	6.55 J	< 4.58 U
PCB-123	31.0	6.24 J	< 4.10 U
PCB-124	99.5	18.9	< 3.77 U
PCB-126	36.6	8.94 J	< 4.91 U
PCB-127	< 12.7 U	< 6.76 U	< 4.55 U

**Table Q-5. Water Sample Results - PCB Congeners
Industrial Auto Auctions**

Location ID	IA-CBN-60	IA-CV-01	IA-MHS-05
Collection Date	10/20/2014	10/20/2014	10/20/1024
Analyte	Result	Result	Result
Total Hexa-CB (pg/L)	13,100 J	2,260 J	248 J
PCB-128/162	831	128	14.1 J
PCB-129	245	38.1	< 6.37 U
PCB-130	266	48.6	5.19 J
PCB-131	< 2.13 U	< 8.40 U	< 6.07 U
PCB-132/161	883	162	19.2 J
PCB-133/142	76.6	15.1 J	< 5.87 U
PCB-134/143	150	30.5	5.08 J
PCB-135	229	49.3	< 4.84 U
PCB-136	153	43.3	< 8.25 U*
PCB-137	220	35.5	4.04 J
PCB-138/163/164	3,760	577	68.8
PCB-139/149	1,420	307	41.4
PCB-140	12.1	3.72 J	< 4.81 U
PCB-141	563	104	11.8
PCB-144	85.0	20.5	< 4.61 U
PCB-145	< 2.09 U	< 4.18 U	< 3.45 U
PCB-146/165	325	54.2	8.00 J
PCB-147	51.5	< 8.72 U*	< 4.56 U
PCB-148	< 3.09 U	< 6.17 U	< 5.09 U
PCB-150	< 2.15 U	< 4.30 U	< 3.55 U
PCB-151	251	66.1	< 7.95 U*
PCB-152	< 2.08 U	< 4.16 U	< 3.44 U
PCB-153	2,150	366	51.3
PCB-154	14.9	5.66 J	< 4.27 U
PCB-155	< 2.02 U	< 4.03 U	< 3.33 U
PCB-156	559	75.9	9.22 J
PCB-157	129	20.2	< 4.63 U
PCB-158/160	474	76.9	10.3 J
PCB-159	< 1.77 U	< 6.36 U	< 4.29 U
PCB-166	16.1	< 6.64 U	< 4.48 U
PCB-167	214	32.6	< 4.50 U
PCB-168	4.22 J	< 5.60 U	< 4.05 U
PCB-169	< 2.14 U	< 7.52 U	< 4.84 U
Total Hepta-CB (pg/L)	3,210	532 J	76.7 J
PCB-170	658	96.3	12.7
PCB-171	146	24.0	< 3.10 U
PCB-172	92.7	13.7	< 3.33 U
PCB-173	17.4	< 3.91 U	< 3.51 U
PCB-174	354	61.8	12.3
PCB-175	13.1	< 3.15 U	< 3.24 U
PCB-176	30.0	7.98 J	< 2.30 U
PCB-177	237	38.0	< 3.29 U
PCB-178	47.0	10.8	< 3.35 U
PCB-179	75.8	21.1	5.63 J
PCB-180	873	139	23.8
PCB-181	5.11	< 3.33 U	< 2.99 U
PCB-182/187	280	62.6	14.6 J
PCB-183	170	32.2	7.70 J
PCB-184	< 1.91 U	< 2.47 U	< 2.53 U
PCB-185	29.5	< 5.91 U*	< 3.04 U
PCB-186	< 1.85 U	< 2.39 U	< 2.46 U

**Table Q-5. Water Sample Results - PCB Congeners
Industrial Auto Auctions**

Location ID	IA-CBN-60	IA-CV-01	IA-MHS-05
Collection Date	10/20/2014	10/20/2014	10/20/1024
Analyte	Result	Result	Result
PCB-188	< 1.68 U	< 2.17 U	< 2.23 U
PCB-189	33.5	< 2.96 U	< 2.38 U
PCB-190	92.4	17.2	< 2.32 U
PCB-191	20.6	< 2.71 U	< 2.44 U
PCB-192	< 2.52 U	< 2.97 U	< 2.67 U
PCB-193	39.2	7.64 J	< 2.46 U
Total Octa-CB (pg/L)	370 J	69.5 J	5.27 J
PCB-194	157	19.2	5.27 J
PCB-195	53.4	9.00 J	< 4.29 U
PCB-196/203	73.7	22.5	< 5.65 U*
PCB-197	< 3.99 U	< 4.35 U	< 3.10 U
PCB-198	< 5.76 U	< 6.28 U	< 4.48 U
PCB-199	66.4	18.8	< 5.47 U*
PCB-200	8.42	< 4.59 U	< 3.27 U
PCB-201	< 6.76 U*	< 4.24 U	< 3.02 U
PCB-202	< 9.24 U*	< 4.49 U	< 3.20 U
PCB-204	< 4.32 U	< 4.70 U	< 3.35 U
PCB-205	11.1	< 6.81 U	< 3.64 U
Total Nona-CB (pg/L)	< 44.6 U	12.8 J	< 4.54 U
PCB-206	< 44.6 U*	12.8	< 4.54 U
PCB-207	< 4.51 U	< 3.52 U	< 2.62 U
PCB-208	< 4.29 U	< 6.05 U*	< 2.50 U
Deca-CB (pg/L)	< 27.2 U	< 7.05 U	< 4.31 U
PCB-209	< 27.2 U	< 7.05 U	< 4.31 U
PCB TEQ, nd SDL*0	3.80	0.920 J	0.00162 J
PCB TEQ, nd SDL*0.5	3.84	1.03 J	0.321 J
PCB TEQ, nd SDL*1	3.87	1.15 J	0.640 J

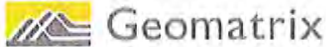
Total PCB congeners and total PCB homologs include only congeners that met identification criteria as required by EPA Method 1668C.

**Table Q-6. Water Sample Results - Conventionals
Insurance Auto Auctions**

		Location ID	IA-CBN-60	IA-CV-01	IA-MHS-05
		Collection	10/20/2014	10/20/2014	10/20/2014
Analyte	ISGP Benchmark	Units	Result	Result	Result
Conventionals					
Alkalinity	--	mg/L	16	13	5.6
Bicarbonate	--	mg/L CaCO ₃	16	13	5.6
Carbonate	--	mg/L CaCO ₃	5 U	5 U	< 5 U
Chloride	--	mg/L	0.67 J	2.1	0.34 J
Specific Conductance	--	µmhos/cm	39	35	11
Hydroxide	--	mg/L CaCO ₃	na	na	na
Nitrate	--	mg/L	0.23 J	< 0.9 U	< 0.9 U
pH	5-9	std units	7.86	8.21	8.44
Salinity	--	mg/L	na	na	na
Sulfate	--	mg/L	1.3	1.3	0.69 J
Dissolved Organic Carbon	--	mg/L	4.1	4.2	4.2
Total Organic Carbon	--	mg/L	5 J	6.2	4.3
Total Suspended Solids ^a	30	mg/L	5 U	6.5	5
Turbidity	25	NTU	na	na	na
Oil & Grease	--	mg/L	na	na	na
Oil & Grease - Polar	--	mg/L	na	na	na
Oil & Grease - Silica Gel Treated	--	mg/L	na	na	na

a - The ISGP benchmark for Total Suspended Solids becomes effective on January 1, 2017.

Shaded results exceed the ISGP benchmark for that parameter.



May 23, 2007
8769.005

Ms. Christy Brown
Project Coordinator
U.S. Environmental Protection Agency
Region 10 (AWT-121)
1200 Sixth Avenue
Seattle, Washington 98101

Subject: Transmittal of Modifications of Northwest Corner Affected Soil Removal Report
Administrative Order on Consent for Corrective Action ("Order")
Docket Number 1091-11-20-3008(h)
Former Rhone-Poulenc East Marginal Way Facility
Container Properties L.L.C./Rhodia, Inc.

Dear Ms. Brown:

On behalf of the respondents and, in accordance with the Administrative Order on Consent (paragraph 7.3), this letter transmits the modifications EPA requested to the Northwest Corner Affected Soil Removal Report. As requested by EPA, Geomatrix has included the revised text for the report, a revised Figure 3, and a disk with a PDF of the entire report including the revised text and figure.

On behalf of the respondents, I certify under penalty of law that this document and all enclosures were prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in this letter is true, accurate, and complete. As to those portions of the letter for which I cannot personally verify accuracy, I certify under penalty of law that this letter and all enclosures were prepared in accordance with procedures designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who may manage the system, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Ms. Christy Brown
U.S. EPA
May 23, 2007
Page 2

Should you have any questions, please do not hesitate to contact me at (206) 342-1777.

Sincerely yours,
Geomatrix Consultants

Gary Dupuy

GD/acj

Enclosures: Revised replacement text (1 original, 1 copy)
Revised replacement Figure 3 (1 original, 1 copy)
PDF on disk

cc: Jennifer Macdonald, EPA
Rene Fuentes, EPA
Byung Maeng, Ecology
David Blount, Landye Bennett
Eric Merrifield, Perkins Coie
Paul Linskey, Rhodia
Jeff Davis, Davis Properties
Geomatrix staff (Satterwhite, McGaughey)
Project File

Northwest Corner Affected Soil Removal Report

Former Rhone-Poulenc Site

Tukwila, Washington

Prepared for:

Container Properties, L.L.C.

Tukwila, Washington

January 2007

Project No. 8769



Geomatrix

Northwest Corner Affected Soil Removal Report

Former Rhone-Poulenc Site

Tukwila, Washington

Prepared for:

Container Properties, L.L.C.

Tukwila, Washington

Prepared by:

Geomatrix Consultants, Inc.

600 University Street, Suite 1020

Seattle, Washington 98101

(206) 342-1760

January 2007

Project No. 8769



Geomatrix

On behalf of the respondents, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in or accompanying this document, Northwest Corner Affected Soil Removal Report, is true, accurate, and complete. As to those portions of the report for which I cannot personally verify accuracy, I certify under penalty of law that this document and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who may manage the system, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

By: 
Mr. Gary Dupuy, Project Coordinator

Date: January 29, 2007

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NORTHWEST CORNER AFFECTED SOIL REMOVAL REPORT

Former Rhone-Poulenc Site

Tukwila, Washington

1.0 INTRODUCTION

Geomatrix Consultants, Inc. (Geomatrix) has prepared this report on behalf of Container Properties, L.L.C. (Container Properties) to present the results of soil characterization and soil removal in the northwest corner of the West Parcel (Northwest Corner), as described in the Affected Soil Removal Plan for Western Parcel Redevelopment (Work Plan) originally submitted to the U.S. Environmental Protection Agency (EPA) January 24, 2006 and as revised on April 19 and June 19, 2006 (Geomatrix, 2006a, d, f). The Work Plan was conditionally approved with modification by the EPA in a letter dated May 23, 2006.

Section 1.0 of this report gives a background to the project, presents objectives of the soil characterization and soil removal, and discusses the interim cleanup level for the Northwest Corner. Sections 2.0 and 3.0 present the methodology for the Northwest Corner soil characterization and the results of the characterization. Section 4.0 discusses excavation methodology and results. Section 5.0 presents the conclusions of this report.

1.1 BACKGROUND

The former Rhone-Poulenc facility (Site) occupies about 21 acres in the City of Tukwila in an area known as Seattle's South End Industrial District. The Site has been used industrially since the 1930s. Most recently, Rhone-Poulenc, Inc. operated a vanillin manufacturing facility at the Site that was closed to manufacturing in 1991.

The current owner, Container Properties, is in the process of redeveloping the Site. The Site has been divided into two separate parcels (West and East Parcels) as described in the Western Parcel Redevelopment Work Plan (Geomatrix, 2005a). The excavated area is located in the northwest corner of the 13.15-acre West Parcel (Figure 1). As part of redevelopment, aboveground structures on the Site have been demolished and the West Parcel has been graded and redeveloped into a paved, fenced parking area, which has been leased by Insurance Auto Auctions, Inc. (IAAI).

Historic releases of hazardous substances have occurred at the Site. Released constituents include caustic soda, toluene, mineral oil, polychlorinated biphenyls (PCBs), and copper. Corrective action at the Site is covered under Resource Conservation and Recovery Act (RCRA) Section 3008(h) Administrative Order on Consent No. 1091-11-20-3008(h) (Order) between the Respondents (the current owner, Container Properties, and former operators, Rhodia, Inc., and Bayer CropScience), and EPA Region 10, dated March 31, 1993, as amended.

Soil and groundwater at the Site have been characterized in a series of investigations. Soil sampling data presented in the RCRA Facility Investigation (RFI) Report (CH2M HILL, 1995) identified an area with elevated copper concentrations in the Northwest Corner of the Site. A soil sample collected at location A01-04 at a depth of 6 inches was found to be affected by copper at a concentration of 6,850 milligrams per kilogram (mg/kg). Soil affected with this concentration of copper could release the contaminant to the sensitive habitat along the Duwamish Waterway. The approximate location for soil sample A01-04 is shown on Figure 1; this location is outside the interim measure barrier wall. The sample location for A01-04 was plotted based on survey coordinates reported in the RFI Report (CH2M HILL, 1995), and placed on the most recent survey map for the Site (Barghausen Consulting Engineers, Inc. [Barghausen], 2006).

The Dames and Moore Site Investigation Report (Dames and Moore, 1986), the RCRA Facility Assessment (PRC, 1990), and the Landau Site Assessment Report (Landau, 1991), are the primary documents that discuss historical operations. The location of sample A01-04 was identified in the Landau report as being a “disposal location most likely used by the former POW encampment,” which was present on site in 1946. The RCRA Facility Assessment designates this area as the “north surface storage area” and indicates that equipment and other items were stored on open ground beginning in about 1954. Figure 2-3 of the Dames and Moore report shows that the closest former potential contamination source to A01-04 was the “Incinerator Location (abandoned)” located on the adjacent property to the north. An area identified as the “Autoclave Solids Dumping Area” is located 200 to 400 feet east-northeast of the A01-04 sample location on the neighboring property to the north. It is not known how the soil with elevated copper concentration relates to past disposal practices. No other specific potential sources of copper noted in the soil sample from location A01-04 were identified. The actual source of contamination at the sample location is unknown.

This report summarizes soil characterization and removal activities conducted in the Northwest Corner of the West Parcel, where past sampling for copper identified an elevated concentration, and where historical sampling data were not sufficient to fully characterize the nature and extent of contamination.

1.2 OBJECTIVES

The objective of this soil characterization and voluntary interim measure was to further define and remove surficial soil contamination greatly exceeding the Model Toxics Control Act (MTCA) Method B interim cleanup level for copper within the Northwest Corner of the West Parcel as an Interim Measure pursuant to Section VI.A of the Order. The area of affected soil is described in Section 4.0. The scope of work included the following:

- Conduct soil sampling as specified in the Work Plan;
- Collect soil samples to confirm the extent of copper-affected soils in the Northwest Corner of the West Parcel outside the barrier wall;
- Prepare homogenized multi-incremental soil samples for copper analysis;
- Remove soil with elevated copper concentrations; and
- Backfill the excavation with clean soil.

Details concerning this work are presented in this report. The interim cleanup level for copper in soil established in the approved Work Plan is 36.4 mg/kg, which is based on Puget Sound background copper concentrations. Copper concentrations in much of the soil within the West Parcel exceed the Puget Sound background levels (Ecology, 1994); the primary goal of this interim measure was to remove surficial soil substantially exceeding the interim copper cleanup level.

As noted above, the only interim cleanup level established in the Work Plan was for copper in soil. This interim cleanup level, which was established primarily for surface soil subject to erosion, was based on an assumed unrestricted land use scenario; actual land use for the West Parcel is industrial. As noted in this report, suspected waste material potentially contaminated by petroleum hydrocarbons, semivolatile organic compounds (SVOCs), and metals other than copper was identified during the investigation. Therefore, cleanup criteria for additional constituents were needed to evaluate characterization results and to assess interim action needs. Interim cleanup criteria were established for these additional soil constituents. The interim

cleanup criteria are intended only for use in the interim measure for the Northwest corner described in this report.

Since the interim measure described in this report included removal of surface soils over nearly the entire project area and deeper soils are not subject to erosion, the additional cleanup criteria have been established assuming industrial land use, and apply only to soils deeper than 1 to 2 feet below grade. It should also be noted that the area addressed by this interim measure has been completely paved with asphalt. The additional interim cleanup criteria developed for this interim measure are based on MTCA Method A industrial soil cleanup levels or, for constituents with no Method A cleanup level, the MTCA Method C cleanup levels. The methodology used to establish the interim cleanup criteria included protection of groundwater, assuming groundwater criteria were based on ambient surface water quality criteria. The interim cleanup criteria were established using Washington Department of Ecology (Ecology) tools: risk-based criteria and parameters were obtained from Ecology's Cleanup Levels and Risk Calculation (CLARC) website (Ecology, 2006a), and protectiveness of groundwater was assessed using the MTCASGL-10 spreadsheet (Ecology, 2006b); subsequent to calculating interim cleanup levels for the Work Plan, Ecology has issued a revised spreadsheet, MTCASGL-11. The interim cleanup criteria are presented later in this report.

2.0 CHARACTERIZATION METHODOLOGY

As outlined in the Work Plan, the Northwest Corner soil characterization approach was based on collection of multi-incremental samples. This approach requires collecting 30 or more grab samples throughout the area of interest and analyzing homogenized, composite samples for constituents of concern. Based on discussions with EPA, the multi-incremental sampling approach is considered more representative of areas with no known source of hazardous constituents.

Characterization methods were performed in general accordance with the Work Plan (Geomatrix, 2006f), with few exceptions. These deviations from the Work Plan are identified in the following sections. Section 2.1 presents the rationale for the Northwest Corner soil characterization. Section 2.2 describes field preparation for the soil characterization. Sections 2.3 and 2.4 describe characterization sample collection and preparation methods, respectively. Section 2.5 presents decontamination and disposal methods, and Section 2.6 discusses analytical methods for characterization samples.

2.1 CHARACTERIZATION APPROACH

Since copper was historically detected in Northwest Corner soil at concentrations exceeding the interim cleanup level, copper was the focus of the investigation. A multi-incremental sampling approach was used to determine the extent of the copper-affected soil near soil sample location A01-04. Originally, 35 boring locations were planned for sampling. However, because visible evidence of copper contamination (green soil) was noted in the field while collecting samples from the western borings, seven additional borings were installed to the west and southwest of the planned extent of investigation. These borings were added after consultation with EPA staff. Figure 1 shows the locations of the 42 soil sample locations within an area measuring approximately 55 feet long by 20 feet wide around sample location A01-04, extending from the northern property fence to the barrier wall to the south. As specified in the Work Plan, samples were collected at depths of 0.5 to 1.0 feet, 2.0 to 3.0 feet, and 5.0 to 6.0 feet within this area using direct-push drilling methods. These sample depth intervals represent three separate “surfaces” that were characterized within the area of investigation.

2.2 FIELD PREPARATION

On June 1, 2006, Geomatrix staff staked sampling locations in the field. Field preparation performed prior to characterization sampling consisted of the following steps:

- Locate two control points at known locations using a Trimble GeoXT Global Positioning System (GPS). This system is capable of determining positions within 3 feet using a U.S. Coast Guard radio beacon correction. The control points were compared with recent survey coordinates to verify that the GPS datum was the same as the pre-existing horizontal site survey datum (Washington State Plane North, North American Datum of 1927 [NAD27]).
- Determine the coordinates of the corners for the investigation area from the base map using AutoCAD. On June 1, 2006, Geomatrix staff located the corners of the sample area using a Trimble GPS unit using the NAD27 coordinate system.
- Measure out the proposed 35 sample locations using the corners of the investigation area. Stakes were placed to designate the planned 35 sample locations.
- Perform a public (One-Call) utility locate to identify utilities in the investigation area (ticket number 6170796).

2.3 CHARACTERIZATION SAMPLE COLLECTION

Between June 2 and June 5, 2006, Geomatrix staff collected soil samples from 42 locations within the investigation area. When suspected “waste” material (as defined in the Work Plan) was encountered at a specified multi-incremental sampling depth, the borings containing suspected waste were sampled but not included in the compositing. Suspected waste was identified in three borings at the defined multi-incremental sampling depth. Therefore, each multi-incremental composite sample for a specific depth was prepared from 39 individual samples collected at the specific depth. Photographs of the sampling process are included as Appendix A.

At each of the 39 composite sampling locations, samples were collected from three depth intervals, or “surfaces.” The 39 soil samples from each depth specified in Table 1 were used to prepare a single, multi-incremental, composite sample for each of the three surfaces. At every boring, duplicate or “archive” samples were collected from each surface, producing 39 archive samples per surface (117 archive samples total).

The sample location numbering system that was implemented in this investigation consisted of “NWC-,” then surface number (i.e., “1-,” “2-,” or “3-” with increasing depth), then sample

location (i.e., “1” to “42”). As an example, the fifteenth sample location from the second surface was labeled as “NWC-2-15.” The archive sample from this location was labeled as “NWC-2-15A.”

Sample collection proceeded as follows:

- A direct-push drill rig from Cascade Drilling, Inc. (Cascade), of Woodinville, Washington, was on site during soil sampling. The sampling team included at least two Geomatrix staff members and one Cascade representative. Drilling and soil sampling were supervised by Zanna Satterwhite, a Geomatrix Project Geologist licensed in Washington State.
- A 2-inch direct-push probe with acetate liners was used to perform continuous soil sampling to the maximum desired depth at each sample location, as specified in Table 1. The core samplers were 3 feet in length. The direct-push sample cores and rods were removed and then reinserted into the same borehole in order to collect deeper soil samples.
- For each boring at the specified sample depth, a portion of soil (with gravel, if present) was scraped evenly from the designated sample depth interval into a pre-cleaned 2-ounce jar, and was labeled with the date, time, sample location, sample number, and sampler’s initials.
- An archive sample was collected from every target depth into another pre-labeled, pre-cleaned 2-ounce jar, and was labeled with sample location. Archive and composite samples were placed in separate iced coolers. The archive samples were eventually stored at the analytical laboratory pending future analysis.
- Sampling proceeded until field observations indicated the sampling had encompassed affected surface soil; a total of 39 composite and 39 archive samples were collected for each surface.
- The Project Geologist noted changes in sampling methods caused by sampling difficulties; field observations and sample locations were recorded in the field book. Borings were not lithologically logged.

Soil cores recovered from each sampling location were inspected for visual or olfactory evidence of suspected waste materials, such as oily or discolored deposits or deposits consisting of materials other than soil. When evidence of potential waste or suspected contamination was encountered within a soil core, the following procedures were implemented:

- EPA project staff were notified verbally or by email that potential waste or potential contamination was identified.

- The location was recorded in the field book for the likely presence of suspected waste or contamination, along with a description of observations.
- A sample of the suspected waste or contamination was collected for more detailed analysis to attempt to characterize the nature of the potential waste material. Samples of suspected waste or contaminated soil were labeled with “W” (e.g., “NWC-1-22W”); the surface identifier was assigned based on the surface nearest the depth where the suspected wastes sample occurred.
- Suspected waste samples were kept in iced coolers separate from the composite and archive samples.
- The direct-push sampler was decontaminated prior to collecting any further samples.
- Multi-incremental sampling was resumed at the next sample location, taking care to check the sample core for evidence of waste materials or contaminated soil.

Suspected waste samples were collected from 11 boring locations. The drill rig rods and sampling equipment were cleaned prior to conducting any borings. As noted above, when suspected waste materials or suspected contaminated soil was encountered in a boring, the drilling equipment was decontaminated between sampling points. As described in the Work Plan, drilling equipment was not decontaminated between samples with no obvious signs of contamination or suspected waste.

Soil sample jars were segregated into three different coolers in the field – (1) samples to be composited as multi-incremental samples; (2) archive samples; and (3) suspected waste or suspected contaminated soil samples. Separate chain-of-custody forms were filled out for each of the three coolers.

All samples were labeled with the sample number, depth, date and time of collection, and sampler’s initials. The samples were stored in coolers with water ice and kept cool. All samples were delivered to Columbia Analytical Services (CAS) laboratory in Kelso, Washington. Standard chain-of-custody procedures were followed using chain-of-custody forms for all samples sent to the laboratory.

On June 16, 2006, Geomatrix staff used a GPS unit to survey the approximate coordinates of the unplanned boring locations in the Northwest Corner.

2.4 CHARACTERIZATION SAMPLE PREPARATION

The multi-incremental sampling approach relied on homogenization of the sample to ensure that the multi-incremental sample was representative of the sampling surface for each investigation area. Homogeneity was achieved at the laboratory by grinding the entire multi-incremental sample to finer size using specialized grinding equipment, and thoroughly mixing the resulting fine-grained material using the following procedures:

- Prior to analysis, each multi-incremental grab sample was prepared by air-drying and grinding the entire multi-incremental grab sample, followed by thorough mixing to homogenize the multi-incremental composite sample. Each grab sample was ground to less than approximately 0.125-inch particle size (#10 sieve medium sand) using a “shatter-box” ring mill composed of hardened steel, as described in the Soil Sampling Quality Assurance Project Plan (QAPP) for the Former Rhone-Poulenc Site (Geomatrix, 2006e). The shatter-box components were decontaminated between samples from different surfaces by washing with deionized water.
- After crushing and grinding each multi-incremental grab sample to a consistent grain size, individual samples for a specified depth were composited into a single multi-incremental sample for that depth so that three multi-incremental composite samples were analyzed. Mixing of each multi-incremental composite sample was done thoroughly prior to analysis using a decontaminated stainless steel spoon or spatula.
- The multi-incremental composite sample was then split into soil aliquot(s) to fill the required sample jar for the analyses. One aliquot of each multi-incremental composite sample was analyzed for copper.
- Composite sample labeling followed the naming scheme in Table 1. The shallow multi-incremental composite sample was labeled “NWC-1,” the middle sample was labeled “NWC-2,” and the deepest sample was labeled “NWC-3.”

Note that discrete and archive samples were not ground or composited prior to analysis.

2.5 DECONTAMINATION

The characterization soil sampling equipment was decontaminated using a three-step wash/rinse cycle. Water containing a dilute solution of Alconox was sprayed onto the sampling spoons and scrubbed with a brush. Overspray and drippings were contained in a 5-gallon polyethylene bucket. A second spray of Alconox solution was used to remove soil from the sampling equipment. A third spray of deionized water was used to rinse the equipment.

All clean sampling equipment not intended to be used immediately was wrapped in a layer of aluminum foil to minimize inadvertent recontamination. The decontamination fluids in the bucket were decanted from the solids and treated using the existing on-site purge water disposal system following methods specified in the Revised Operation, Monitoring, Inspection, and Maintenance Plan for the Hydraulic Control Interim Measure (HCIM) (Geomatrix, 2006b). The soil cuttings were contained in 5-gallon buckets. On July 28, 2006, Envirotech Systems, Inc., of Lynnwood, Washington, picked up six 5-gallon drums of soil generated by characterization soil sampling. Prior to off-site transport, the buckets were transferred into a 30-gallon drum. Manifests and disposal tickets for this soil are included in Appendix B.

2.6 ANALYTICAL METHODS

Tables 1 through 4 list the analyses performed for soil samples collected during the Northwest Corner soil characterization. All Northwest Corner soil characterization samples were collected, processed, and analyzed in general accordance with the QAPP and the Work Plan (Geomatrix, 2006a, d, e, f). Analytical methods were selected to ensure that reporting limits were lower than the interim cleanup levels.

The aliquot extracted for copper analysis by EPA Method 6000/7000 consisted of a minimum of 1 gram of the homogenized, multi-incremental soil sample.

Multi-incremental sample analyses were limited to copper, which was defined in the Work Plan as the constituent of concern for the Northwest Corner. The analytical results for each multi-incremental sample were compared to the interim soil cleanup level to determine if the surface represented by the sample was contaminated by copper. If the multi-incremental sample concentration was greater than the interim cleanup level, then selected archive samples were analyzed for copper to more precisely delineate the area of contamination. The archive samples were not ground prior to copper analysis.

Suspected waste samples were collected from 11 borings. Selected suspected waste samples were analyzed for SVOCs, total petroleum hydrocarbons-hydrocarbon identification (TPH-HCID), TPH as diesel extended (TPH-Dx), TPH as gasoline (TPH-G), and/or metals. Selection of suspected wastes samples to be analyzed was based on field observations of parameters such as color, odor, sheen, and photoionization detector (PID) readings. The analyses selected for the suspected waste samples are shown on Tables 3 and 4. The SVOCs sample extracts were cleaned up using gel permeation chromatography (GPC) because any

other cleanups (acid, silica gel) would have removed analytes of interest. According to the laboratory, the non-target analyte group that was present that required SVOCs sample extracts to be diluted (see Section 3.2) was diesel or high molecular weight hydrocarbons. This is based on the mass spectra as well as the results for the NWTPH-Dx analysis.

In accordance with the QAPP, analytical data were reported with a standard laboratory data and quality control package. In addition, the laboratory provided written certification stating that the sample grinding and homogenization were performed in accordance with the standard operating procedure included in the QAPP. Quality Control (QC) measures and laboratory deliverables for the soil characterization sampling are described in Section 3.3.

3.0 SOIL CHARACTERIZATION RESULTS

Results for the soil characterization laboratory testing are shown in Tables 1 through 4 and Figures 2 through 4. Evidence of suspected waste (i.e., green coloration, abnormal behavior, odor/sheen indicative of TPH) was observed in 20 borings. In three borings, the depth of suspected waste coincided with multi-incremental sampling depths: NWC-X-2, NWC-X-12, and NWC-X-39 (Figures 2 through 4). Therefore, in accordance with the Work Plan, samples from these three borings were not included in the composites. Figures 2 through 4 show sample locations for each of the three sampling surfaces, with color-coded icons denoting field observations. Table 1 presents composite characterization soil sample results for the Northwest Corner investigation. Tables 2 through 4 and Figures 2 through 4 show discrete characterization soil sample results for surfaces 1, 2, and 3. The discrete sample analyses allowed for more precise delineation of copper-contaminated soil.

3.1 FIELD OBSERVATIONS

During the soil characterization fieldwork, evidence of contamination, including green coloration, viscoelastic soil behavior, odor, and sheen was noted in some borings. Green-colored soil was mainly observed in the upper 2 feet. Viscoelastic behavior was noted below the green-colored soil at three of the borings. This material exhibited a “silly-putty”-like flow, and was a beige color (see photos in Appendix A). Hydrocarbon odors and sheen were encountered between 2 and 5 feet below ground surface (bgs) in some of borings in the northern and southwestern portions of the investigation area (Figures 2 to 4). PID detections were noted in these areas as well, with headspace readings of up to 478 parts per million (ppm) measured in boring NWC-X-25.

3.2 ANALYTICAL RESULTS

The three composite samples from the Northwest Corner were analyzed for copper. Copper in composite soil samples from the upper two surfaces, NWC-1 and NWC-2, exceeded the copper interim cleanup level of 36.4 mg/kg (Table 1). The lower surface composite sample, NWC-3, contained a detectable level of copper, but the measured concentration was less than the interim cleanup level. Because Surface 1 and Surface 2 composite copper results exceeded the copper interim cleanup level, discrete archive samples from these surfaces were analyzed for copper to more precisely define the extent of contamination; selected archive samples were analyzed for Surface 1, and all 39 archive samples were analyzed for Surface 2.

Analytical results from the discrete soil samples selected for copper analysis are presented in Table 2. Analysis of discrete samples showed that copper exceeded the interim cleanup level in all Surface 1 archive samples that were analyzed and in 19 of 39 Surface 2 archive samples. These results are also shown on Figures 2 and 3 for Surfaces 1 and 2, respectively.

Suspected waste samples were collected from 11 borings during the soil characterization. Samples were selected for laboratory testing based on field observations. Selected suspected waste samples were analyzed for TPH-HCID, TPH-Dx, TPH-G, SVOCs, and/or metals. Since interim cleanup levels had not been established for these constituents, MTCA Method A cleanup levels for industrial sites were used as the primary source of cleanup criteria. For constituents with no MTCA Method A industrial cleanup level, Method C soil cleanup levels protective of groundwater were calculated using the MTCA spreadsheet MTCASGL-10 (Ecology, 2006a). The site-specific soil organic carbon fraction (0.256 %) was used for the calculation. Other parameters needed for MTCASGL-10 calculations, including ambient water quality criteria which were used as groundwater criteria, were obtained from the Ecology CLARC web site. The MTCASGL spreadsheets are appended to this report (Appendix E).

Gasoline range organics (GRO) were detected above the MTCA Method A cleanup level of 100 mg/kg in six of seven suspected waste samples analyzed for GRO, with a maximum concentration of 13,000 mg/kg in NWC-2-6W (Table 4). Diesel range organics (DRO) were detected slightly above the interim cleanup level of 2,000 mg/kg in one of the six suspected waste samples analyzed for DRO, at a concentration of 2,100 mg/kg (in NWC-2-36W). Copper was found at concentrations exceeding the interim cleanup level of 36.4 mg/kg in all four suspected waste samples analyzed for metals, with a maximum concentration of 18,200 mg/kg in NWC-2-39W (Table 3).

The analytical laboratory has reported that the GRO results in all samples appear to be due to mineral spirits (based on chromatograms). The DRO and Residual Range Organics (RRO) results for all samples appear to be due to non-petroleum organics; the organics in the DRO and RRO range appear to be predominantly of biological origin, as the chromatograms did not match petroleum product patterns and none of the samples contained petroleum product of marker compounds (e.g., Pristane, Phytane, aromatics). As a result, the reported DRO and GRO concentrations are approximate and the results do not confirm the presence of either gasoline or diesel fuels. Identification of both gasoline and diesel is tentative.

Pentachlorophenol (PCP) was the only SVOC detected at a concentration that exceeded interim cleanup levels in the soil characterization samples. PCP was detected in sample NWC-1-22W (1.0 to 1.5 feet in depth) at a concentration of 550 µg/kg, above the MTCA Method C interim cleanup level for PCP of 270.2 µg/kg. The reporting limits for many SVOC analyses are elevated due to high levels of non-target analytes in the sample, requiring dilution of the extracts prior to analysis (see Section 2.6).

3.3 QUALITY CONTROL

A data quality review was performed for all analytical data. Copies of the analytical and associated data quality review reports are included in Appendix C. The data quality review was based on method performance and QC criteria, as specified in the Work Plan and QAPP (Geomatrix, 2006d, e, f). Hold times, initial and continuing calibrations, method blanks, surrogate recoveries, laboratory duplicate results, matrix spike/matrix spike duplicate (MS/MSD) results, and reporting limits were reviewed to assess compliance with applicable methods and project requirements. If data qualification was required, data were qualified in general accordance with the definitions and use of qualifying flags outlined in EPA documents (EPA, 1999, 2004). Assigned qualifiers are included with the data sheets. No data were rejected. It should be noted that reported DRO and GRO concentrations are approximate, as the chromatograms for the DRO results did not resemble a petroleum product, and the GRO results appear to be due to mineral spirits rather than gasoline. The analytical results do not confirm that diesel and/or gasoline fuels are present at the site; identification of these fuels is tentative. Based upon the QC review, the data are acceptable and meet the project objectives.

Field duplicates were not collected. The Work Plan specified that one equipment blank be collected from analyte-free deionized water poured into the shatter-box ring mill after all the multi-incremental samples had been processed, sample aliquots collected, and equipment decontaminated. The laboratory did not collect the equipment blank sample. However, the laboratory has certified that they completed decontamination of the shatter box between samples in the manner specified in the Work Plan.

4.0 EXCAVATION AND DISPOSAL

Based on the results from multi-incremental sampling and the Work Plan, affected soil requiring removal was identified from grade to a depth of 5 feet where the Surface 3 multi-incremental composite sample indicated that soil met the interim cleanup level for copper. As discussed in Section 3.2, some of the soil within the investigation area was also contaminated with GRO, DRO, and polycyclic aromatic hydrocarbons (PAHs) at concentrations that exceeded MTCA Method A or Method C Cleanup levels. The copper-affected soil identified by multi-incremental sampling was removed from the Northwest Corner in general accordance with the Work Plan. The following subsections describe the excavation and disposal approach for the Northwest Corner.

4.1 SOIL EXCAVATION

As noted previously, analytical results for the multi-incremental composite samples indicated that Surfaces 1 and 2 exceeded the interim cleanup level for copper. Surface 3, at a depth of 5 feet, was characterized as meeting the interim cleanup level for copper; therefore, it was determined that soil within the Northwest Corner investigation area required excavation to 5 feet bgs. The Surface 1 multi-incremental composite sample was substantially above the interim cleanup level while the Surface 2 multi-incremental composite sample was an order of magnitude lower in concentration. Thus, it was concluded that soil excavated to a depth of 2 feet (i.e., to Surface 2) required off-site landfill disposal; due to lower contaminant concentrations, soil excavated from a depth of 2 feet to 5 feet was determined to be acceptable for use as fill within the areas in the West Parcel with known contamination and that are enclosed by the subsurface barrier wall.

The results from analysis of discrete, archive samples from Surfaces 1 and 2 were used to identify the area to be excavated. As shown by the data of Table 2 and Figure 2, the archive samples selected from Surface 1 for analysis were all above the interim cleanup level. All archive samples for Surface 2 were analyzed for copper; these results were used to identify the areal extent of the excavation. The results of the Surface 2 archive sample analyses are shown on Figure 3. The sample collected from Location 24 was taken at a depth of 3.5 to 4.5 feet bgs. Although this sample was labeled as a Surface 3 sample, it was collected at a depth shallower than Surface 3 and has been included with Surface 2. The eastern boundary of the excavation was established west of borings NWC-X-11 and NWC-X-34 and east of boring NWC-X-14; the Surface 2 archive sample results from these borings were all below the interim cleanup

level. The excavation area was extended to the south from boring NWC-X-42 based on field observations during excavation; the excavation was terminated north of Well MW-39 to avoid adverse effects on the well. Analysis of soil samples collected during installation of Well MW-39 in 2002 indicated that soil at this location was affected by several TPH constituents (URS, 2002). Contamination in the area south of the excavation will be addressed in the final Corrective Measures Study for the West Parcel. The excavation was constrained to the north by the property line, to the south by the barrier wall and Well MW-39, and to the west by the embankment along the Duwamish Waterway. The final areal extent of the excavation is shown on Figure 5. Field observations during the excavation (discoloration and odor) indicate that soil affected by TPH may extend to the north of the excavation, beyond the property line.

The entire investigation area was excavated to a depth of 5 feet bgs (to Surface 3). The top 2 feet of soil from the entire excavation (i.e., soil between Surfaces 1 and 2) was excavated and placed in a soil stockpile located on the East Parcel; this stockpile was disposed of off site. During excavation, field observations showed evidence of contamination by TPH or waste materials below 2 feet bgs in four areas, as shown in Figure 5. The northwest corner of the excavation (Area I on Figure 5) showed green discoloration and viscoelastic material down to approximately 5 feet. In addition, the north area surrounding historical sample A01-04 (Area II), the southeast corner (Area III), and the southwest area (Area IV) all showed evidence of TPH contamination by petroleum hydrocarbons, as evidenced by dark staining and odors. These areas were excavated to 5 feet bgs with the material placed in the stockpile for off-site disposal. Remaining soil from 2 to 5 feet was excavated and placed in the contained area inside the barrier wall. This soil (approximately 54 cubic yards) was placed at the location shown on Figure 6 (Grid D-6). Soils known to be contaminated by TPH or SVOCs were stockpiled for offsite disposal and were not placed inside the contained area.

Photographs of the excavation process are included as Appendix D. The extent of the excavation was constrained due to the barrier wall and well MW-39 to the south, the fence line and embankment to the west, and the property/fence line to the north. The lateral and vertical extent of the excavation was based on analytical data for copper and field observations of staining or odor. Known soil contamination in the upper 5 feet was excavated from the Northwest Corner. As noted by Figures 2 and 3, the full extent of soil affected by TPH to the west and south has not been determined. Field observations indicate that TPH-affected soil appears to remain to the north of the excavation, which extends to the north property line (Figure 5).

The off-site disposal stockpile area was constructed by Glacier Environmental, Inc. (Glacier) with a minimum 8-inch berm on all sides. Photos of the stockpile are included in Appendix D. The stockpile was lined and covered with 10 mil UV-resistant plastic sheeting. The stockpile was maintained until stockpiled soils were shipped for off-site disposal.

While conducting the excavation, a wooden piling encased in concrete and approximately 2 feet in diameter was encountered near the west edge of the excavation. This object was observed at approximately 1 foot bgs (see photos in Appendix D). The pile dipped downward to the west and the eastern end of the concrete ended inside the excavation. The wood pile appeared to have been treated with creosote and exhibited the characteristic creosote odor. Soil was excavated from around the object, which was left in place.

In the area around boring NWC-X-39, many flat concrete chunks between 1 and 4 feet long were encountered between 2.5 and 5.5 feet bgs. In the same area, there was viscoelastic material, green and cerulean-colored soil, brick chunks, glass chunks, and wood debris. Debris present within excavated soil around boring NWC-X-39 was placed in the stockpile for off-site disposal.

A total of about 172 cubic yards of soil was excavated from the Northwest Corner. Of this volume, about 54 cubic yards was placed within the West Parcel, with the remainder (about 118 cubic yards) transported to the Rabanco transfer station for disposal in the Roosevelt landfill, as discussed in more detail in Section 4.2.

The excavation was backfilled to grade with clean sand fill obtained from the foundation of the former warehouse building (Figure 6). A large quantity of clean sand was exposed beneath the floor of this building when it was demolished. This material was sampled (two randomly located grab samples) and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), SVOCs, copper, and TPH-HCID. Analytical testing of the sand samples revealed detectable levels only of fluoranthene (at concentrations ranging from not detected to 96 µg/kg), pyrene (at concentrations ranging from not detected to 96 µg/kg), and copper (at concentrations of 15 to 19 mg/kg); all other analytes were below reporting limits. The detected PAHs (fluoranthene and pyrene) are not listed as carcinogenic, and concentrations are well below the calculated MTCA Method C interim cleanup levels. The sand was placed into the excavation in lifts approximately 8 to 12 inches thick, and compacted to approximately 90% of the maximum

density using a vibratory roller. Potable water from the on-site fire hydrant was added to the sand to improve compaction.

Excavation, stockpiling, and backfilling of the soil were completed on July 20 and 21, 2006. Hazardous Waste Operations and Emergency Response (HAZWOPER)-trained staff from Glacier, under subcontract to Geomatrix, performed the work. All excavation work was performed under the direct supervision of Geomatrix staff. A tracked excavator was used for the excavation. Excavated soil was placed directly into a dump truck to contain the soil and prevent releases to adjacent soils. The truck transported the excavated soil to the designated location, either the stockpile for off-site disposal or the designated location within the contained area. The excavation was conducted in accordance with the Site Health and Safety Plan and the existing Stormwater Pollution Prevention Plan (Geomatrix, 2006c). The excavation was periodically sprayed with potable water to control dust generation.

4.2 DISPOSAL

Excavated soil was disposed of in accordance with applicable regulations. Based on the characterization samples, no constituents were identified at concentrations that could cause the soil to be classified as a dangerous waste under Ecology regulations (WAC 173-303). Characterization sample results and a waste profile were submitted to Rabanco. Based on the TPH results, Rabanco requested analysis for VOCs. Four grab samples were collected from randomly selected locations within the stockpiled soil and analyzed for BTEX by EPA Method 8021. The detected compounds included benzene (maximum concentration of 0.076 mg/kg), toluene (maximum concentration of 1.2 mg/kg), ethylbenzene (maximum concentration of 22 mg/kg), and xylene (maximum concentration of 128 mg/kg). These results were subsequently submitted to Rabanco and the soil was accepted for disposal in the Roosevelt landfill.

On October 2 and 3, 2006, the soil stockpiled for off-site disposal was transported to the Rabanco transfer station for transportation and disposal at the Roosevelt landfill. The redevelopment contractor, Engineering/Remediation Resources Group, Inc. (ERRG), loaded the soil onto lined trucks for transport to the transfer station. Documentation for soil disposal is included in Appendix B. Soil placed within the contained area of the West Parcel was graded and paved by early October 2006.

4.3 DEMOBILIZATION

Upon completing backfilling of the excavation, the excavated area was rough-graded to match the existing grade. The excavation was done in a manner that minimized contact of equipment with contaminated soil. The excavator remained outside the excavation throughout the excavation. After completing excavation, the excavator bucket was decontaminated by removing soil using a broom, with any removed soil falling into the excavation. After completing shipment of stockpiled soil from the East Parcel, ERRG removed the plastic liner and berms. The liner was placed into the trucks for disposal with the excavated soil.

5.0 SUMMARY AND CONCLUSIONS

A total of approximately 172 cubic yards of affected soil was excavated from the Northwest Corner of the West Parcel. Most of this soil was contaminated by copper and some by petroleum hydrocarbons and PCP. Some suspected waste material was also identified and excavated. Of this volume, about 54 cubic yards of soil affected mainly by copper was placed within the barrier wall area and the remainder was sent to the Rabanco Roosevelt landfill. The removal action was successful in removing highly affected copper-bearing soil from the area and in eliminating this source area. Some excavated soil that is above the interim cleanup level for copper (i.e., the regional natural background concentration defined by Ecology) could remain on site within the contained area, but is covered with clean soil and/or an asphalt parking lot. In addition, hydrocarbon-affected soil in this area remains and has not been fully characterized. As noted previously, DRO results do not confirm that diesel fuel has been released at the site and reported concentrations are approximate. The results from GRO analyses appear to be due to the presence of a different material (possibly mineral spirits) and the reported concentrations are approximate. Additionally, SVOC results for some samples had to be diluted due to the presence of high molecular weight, non-target analytes in the samples.

Based on the information presented in this report, the following conclusions are made:

1. The characterization approach from the approved Work Plan has adequately characterized soils in the Northwest Corner. Multi-incremental sampling, as supplemented by analysis of the discrete archived samples, has proven effective to characterize the affected soil, provide confirmation samples, and support waste profiling for excavated soil.
2. Copper-affected soil in the Northwest Corner of the former Rhone-Poulenc facility that substantially exceeds the interim soil cleanup level based on unrestricted land use has been removed from the project investigation area. The most highly contaminated material has been transported for off-site landfill disposal; soil with nominal levels of contamination have been placed onsite, within the contained area.
3. Excavated soil has been managed in accordance with applicable regulations.
4. Soil affected by low concentrations of TPH remains in areas adjacent to the excavation completed in the Northwest Corner. It appears that soil affected with petroleum hydrocarbons is present on the former Paccar property to the north of the former Rhone-Poulenc site.

6.0 REFERENCES

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TABLES

TABLE 1

NORTHWEST CORNER SOIL CHARACTERIZATION: COMPOSITE SAMPLE RESULTS
Former Rhone-Poulenc Site
Tukwila, Washington

Composite Surface	Sample ID	Depth (feet)	Copper (mg/kg)
Surface 1	NWC-1	0.5 to 1.0	1200 ²
Surface 2	NWC-2	2.0 to 3.0	181
Surface 3	NWC-3	5.0 to 6.0	21
Interim Cleanup Level ¹			36.36

Notes:

1. Interim Cleanup Level for East Parcel, based on natural background.
2. **Bold** results exceed interim cleanup level.

TABLE 2

NORTHWEST CORNER SOIL CHARACTERIZATION: DISCRETE COPPER RESULTS

Former Rhone-Poulenc Site

Tukwila, Washington

Sample ID	Depth (feet)	Copper (mg/kg)	Sample ID	Depth (feet)	Copper (mg/kg)
NWC-1-8A	0.5 to 1.0	94.8 ¹	NWC-2-17A	2.0 to 3.0	39.8
NWC-1-13A	0.5 to 1.0	716	NWC-2-18A	2.0 to 3.0	31.3
NWC-1-16A	0.5 to 1.0	89.4	NWC-2-19A	2.0 to 3.0	23.8
NWC-1-32A	0.5 to 1.0	1,500	NWC-2-20A	2.0 to 3.0	45.5
NWC-1-35A	0.5 to 1.0	1330	NWC-2-21A	2.0 to 3.0	39.8
NWC-1-36A	0.5 to 1.0	820	NWC-2-22A	2.0 to 3.0	45.6
NWC-1-37A	0.5 to 1.0	3,880	NWC-2-23A	2.0 to 3.0	4,190
NWC-1-38A	0.5 to 1.0	7,750	NWC-2-24A	2.0 to 3.0	15.1
NWC-1-40A	0.5 to 1.0	3,110	NWC-2-25A	2.0 to 3.0	19.4
NWC-1-41A	0.5 to 1.0	598	NWC-2-26A	2.0 to 3.0	22
NWC-1-42A	0.5 to 1.0	957	NWC-2-27A	2.0 to 3.0	25.5
NWC-2-1A	2.0 to 3.0	14.7 J ²	NWC-2-28A	2.0 to 3.0	13.1
NWC-2-3A	2.0 to 3.0	17.1	NWC-2-29A	2.0 to 3.0	19.8
NWC-2-4A	2.0 to 3.0	180	NWC-2-30A	2.0 to 3.0	28.0 J
NWC-2-5A	2.0 to 3.0	15.8	NWC-2-31A	2.0 to 3.0	50.8
NWC-2-6A	2.0 to 3.0	36.9	NWC-2-32A	2.0 to 3.0	64
NWC-2-7A	2.0 to 3.0	16.6	NWC-2-33A	2.0 to 3.0	36.1
NWC-2-8A	2.0 to 3.0	116	NWC-2-34A	2.0 to 3.0	23
NWC-2-9A	2.0 to 3.0	24.2	NWC-2-35A	2.0 to 3.0	22.9
NWC-2-10A	2.0 to 3.0	39.7	NWC-2-36A	2.0 to 3.0	32.2
NWC-2-11A	2.0 to 3.0	32.9	NWC-2-37A	2.0 to 3.0	85.4
NWC-2-13A	2.0 to 3.0	23	NWC-2-38A	2.0 to 3.0	20.9
NWC-2-14A	2.0 to 3.0	20.3	NWC-2-40A	2.0 to 3.0	91.7
NWC-2-15A	2.0 to 3.0	591	NWC-2-41A	2.0 to 3.0	96.9
NWC-2-16A	2.0 to 3.0	137	NWC-2-42A	2.0 to 3.0	187
Interim Cleanup Level ³		36.4	Interim Cleanup Level		36.4

Notes:

1. **Bold** results exceed interim cleanup level.
2. J = The analyte was positively identified; the associated numerical value is the approximate
3. Interim Cleanup Level, based on natural background.

TABLE 3
**NORTHWEST CORNER SOIL CHARACTERIZATION:
SUSPECTED WASTE SVOC AND METALS RESULTS**

 Former Rhone-Poulenc Site
Tukwila, Washington

Sample ID	NWC-1-2W	NWC-1-12W	NWC-1-22W	NWC-2-39W	Cleanup Criterion ¹
Depth (feet)	0.5 to 1.0	0.5 to 1.0	1.0 to 1.5	2.0 to 2.5	
SVOCs (µg/kg)					
Acenaphthylene	<13 U ²	3.7	<13 U	<12 U	--
Anthracene	<13 U	7.5	<13 U	<12 U	47,260,000
Benzo(a)anthracene	4.6	55	3.7	<12 U	331.8
Benzo(a)pyrene	5.6	75	4.2	4	2,000 ³
Benzo(b)fluoranthene	11	97	9.4	9.8	1,106
Benzo(g,h,i)perylene	7.3	68	6	<12 U	-- ⁴
Benzo(k)fluoranthene	<13 U	31	<13 U	<12 U	1,106
bis(2-Ethylhexyl) phthalate	34	29	25	<12 U	12,400
Butyl benzyl phthalate	<13 U	23	<13 U	<12 U	1,370,000
Chrysene	15	79	8.7	5.6	368.7
Dibenzo(a,h)anthracene	<13 U	13	<13 U	<12 U	1,659
Dibenzofuran	<13 U	4.1	<13 U	<12 U	7,000,000 ⁵
di-n-Butylphthalate	8.4	9.6	15	11	386,600
Fluoranthene	14	97	16	6.1	351,800
Indeno(1,2,3-cd)pyrene	<13 U	63	4.8	5.4	3,226
2-Methylnaphthalene	5.6	10	13	<12 U	14,000,000 ⁵
Naphthalene	6.2	9.6	14	<12 U	5,000
Pentachlorophenol	36	190	550⁶	33	270.2
Phenanthrene	12	36	15	4.1	--
Phenol	<38 U	7.8	17	<36 U	9,324,000
Pyrene	12	95	20	6.9	13,940,000
2,4,5-Trichlorophenol	<13 U	<12 U	7.9	<12 U	309,300
Total cPAHs ³	7.31	106	6.077	5.576	2,000 ³
Metals (mg/kg)					
Arsenic	3.9	4.53	3.63	2.32	20
Barium	65.7	78.2	46.2	169	700,000 ⁵
Cadmium	0.181	0.234	0.16	0.288	2
Chromium	14.4	15.1	14.4	14.5	19/2,000
Copper	696	3,290	2,150 J⁷	18,200	36.4
Lead	13	21.8	23.3	28.2	1,000
Mercury	0.787	0.564	1.91	0.745	2
Selenium	0.8 J	0.4 J	0.3 J	0.3 J	7.384
Silver	0.204	0.219	0.129	0.099	0.323

Notes:

- Cleanup criteria include the Interim Cleanup Level for copper established for the NWC, MTCA Method A cleanup levels for industrial sites, and MTCA Method C soil cleanup levels for constituents with no Method A cleanup levels. MTCA Method A industrial cleanup levels are in normal typeface and Method C cleanup levels are in italics. Supporting calculations for the MTCA Method C cleanup levels are in Appendix E.
- U = The compound was analyzed for, but was not detected at or above the laboratory reporting limit or the method detection limit.
- cPAHs represents total carcinogenic polycyclic aromatic hydrocarbons, expressed as benzo(a)pyrene equivalents, calculated in accordance with MTCA guidance.
- = No cleanup level available from CLARC database website.
- CLARC, Soil, Method C, Noncarcinogen, Standard Formula Value, Direct Contact (ingestion only), industrial.
- Bold** results exceed cleanup criterion.
- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

TABLE 4

**NORTHWEST CORNER SOIL CHARACTERIZATION:
SUSPECTED WASTE TPH RESULTS**
Former Rhone-Poulenc Site
Tukwila, Washington

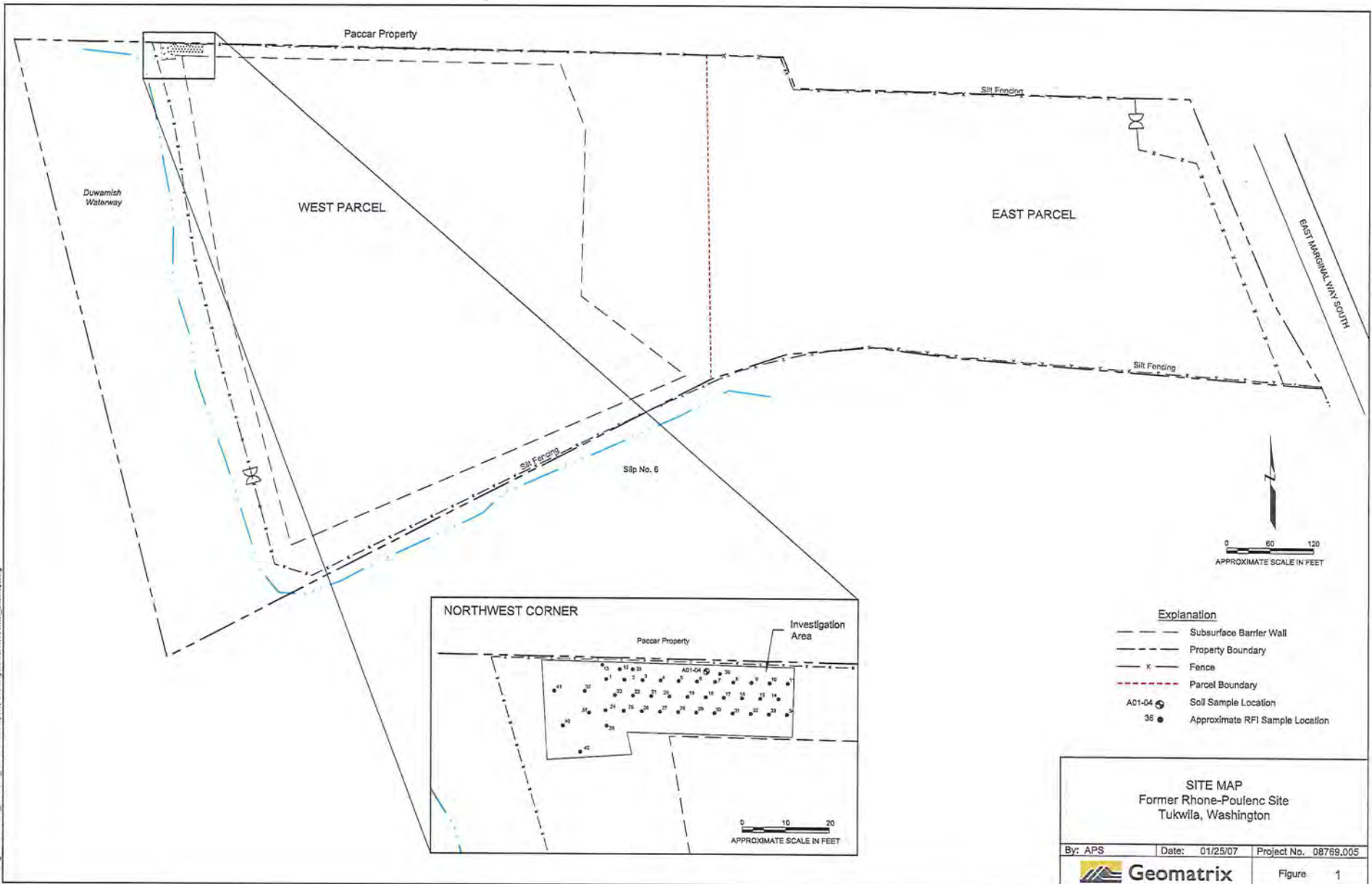
Sample ID	Depth (feet)	GRO - NWTPH ¹ (mg/kg)	DRO-NWTPH ² (mg/kg)	RRO-NWTPH ³ (mg/kg)
NWC-2-5W	3.0 to 4.0	1,500 ^{4,5}	120 ⁶	57
NWC-2-6W	2.0 to 3.0	13,000 ⁴	1,800 ⁶	470 ⁶
NWC-2-7W	3.0 to 4.0	6,800 ⁴	1,400 ⁶	380 ⁶
NWC-2-8W	3.0 to 4.5	11,000 ⁴	820 ⁵	130 ⁶
NWC-3-24W	3.5 to 4.5	71 ⁴	-- ⁷	--
NWC-2-36W	3.5 to 4.0	3,500 ⁴	2,100 ⁶	360 ⁶
NWC-2-42W	4.0 to 4.5	4,800 ⁴	1,500 ⁶	210 ⁶
Cleanup Criterion ⁸		100/30	2,000	2,000

Notes:

1. GRO - NWTPH = gasoline range organics, northwest total petroleum hydrocarbons method
2. DRO - NWTPH = diesel range organics, northwest total petroleum hydrocarbons method
3. RRO - NWTPH = residual range organics, northwest total petroleum hydrocarbons method
4. The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
5. **Bold** results exceed cleanup criterion.
6. The chromatographic fingerprint does not resemble a petroleum product.
7. -- Not Analyzed
8. Cleanup criteria are MTCA Method A industrial cleanup levels.

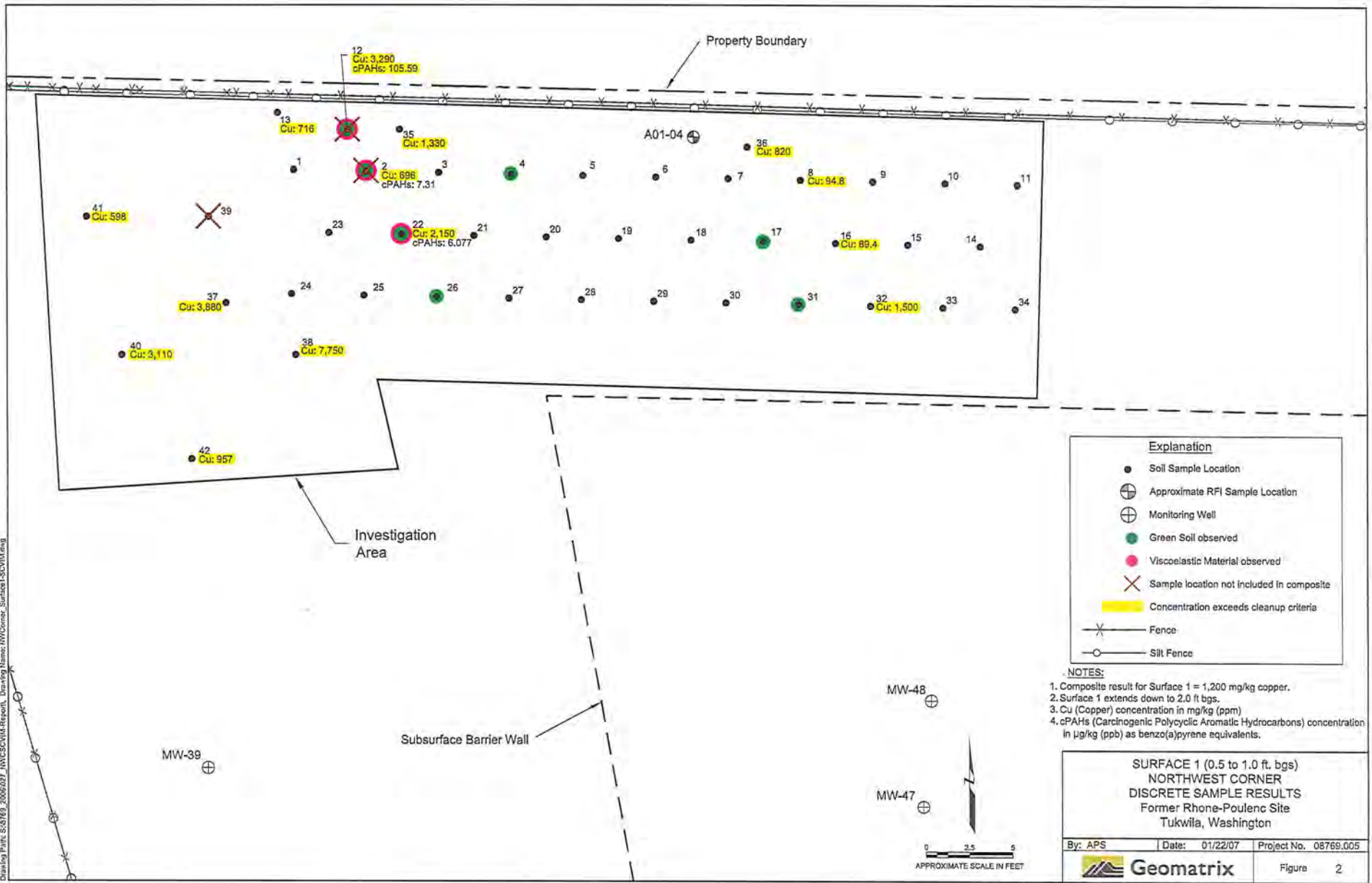
FIGURES

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SITE MAP Former Rhone-Poulenc Site Tukwila, Washington		
By: APS	Date: 01/25/07	Project No. 08769.005
		Figure 1

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 Drawing Path: S:\9161_2006\027_INV\SCV\11-Report, Drawing Name: INV\Corner_Surfaces\SCV11.dwg



41
Cu: 598

37
Cu: 3,880

40
Cu: 3,110

42
Cu: 957

13
Cu: 716

12
Cu: 3,290
cPAHs: 105.59

2
Cu: 696
cPAHs: 7.31

35
Cu: 1,330

22
Cu: 2,150
cPAHs: 6.077

38
Cu: 7,750

Property Boundary

A01-04

36
Cu: 820

8
Cu: 94.8

16
Cu: 89.4

32
Cu: 1,500

MW-39

Subsurface Barrier Wall

MW-48

MW-47

Explanation

NOTES:

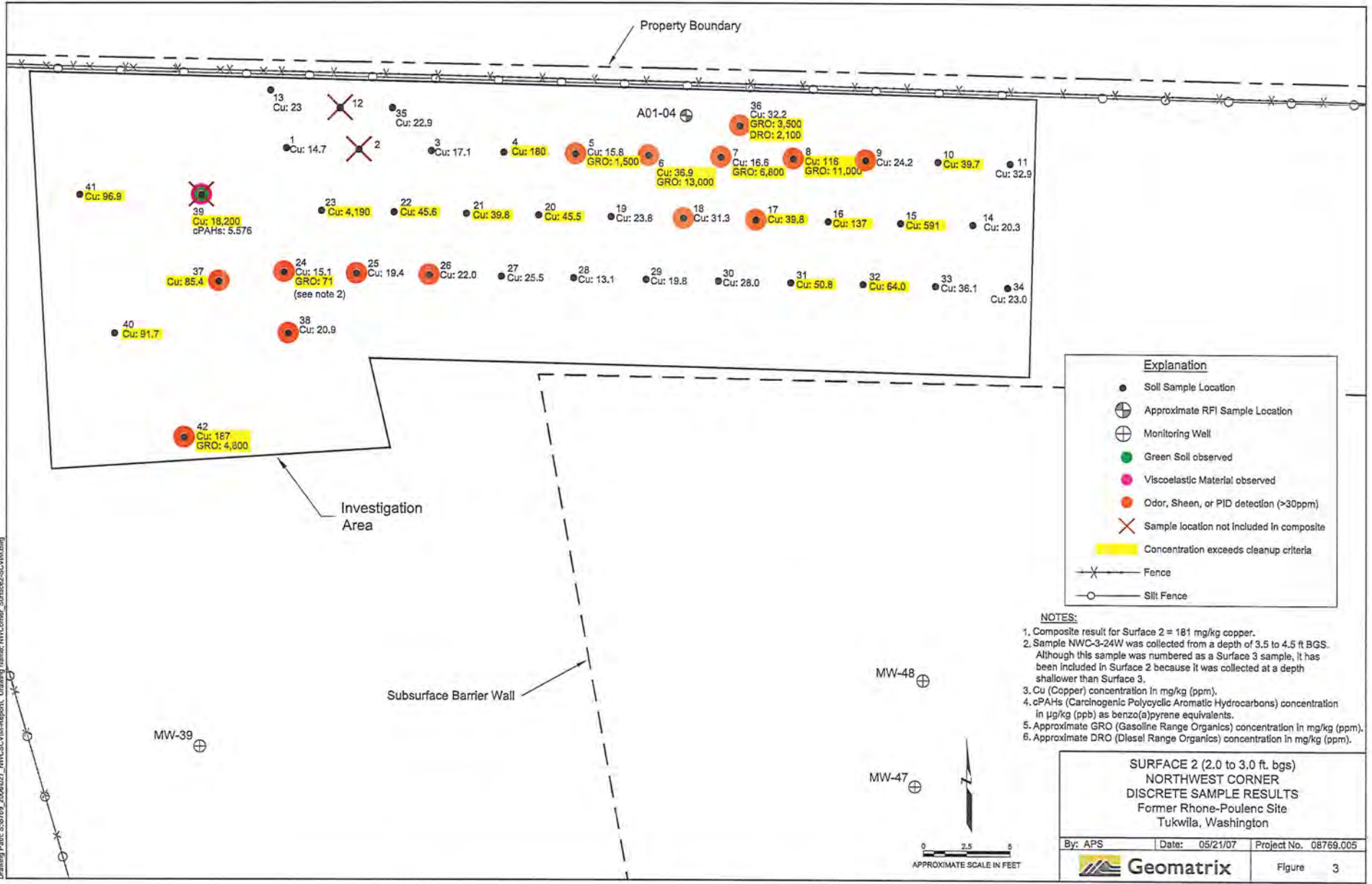
**SURFACE 1 (0.5 to 1.0 ft. bgs)
NORTHWEST CORNER
DISCRETE SAMPLE RESULTS
Former Rhone-Poulenc Site
Tukwila, Washington**

By: APS | Date: 01/22/07 | Project No. 08769.005

Geomatrix

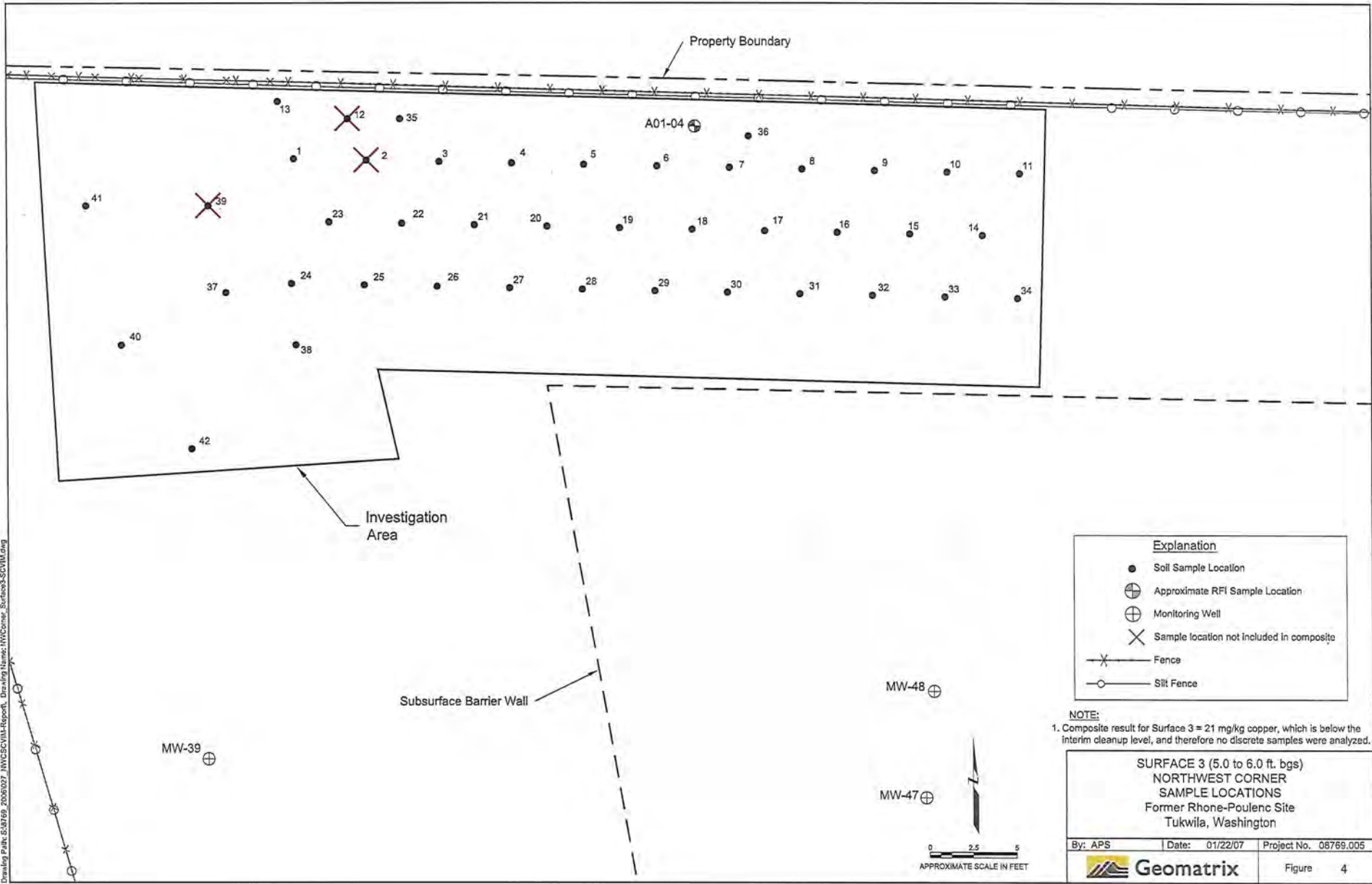
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 Drawing Name: NWCorner_Surface2-SCM.dwg



SURFACE 2 (2.0 to 3.0 ft. bgs) NORTHWEST CORNER DISCRETE SAMPLE RESULTS Former Rhone-Poulenc Site Tukwila, Washington		
By: APS	Date: 05/21/07	Project No. 08769.005
		Figure 3

Plot Date: 01/22/07 - 4:34pm. Plotted by: selenberg
 Drawing Path: E:\9169_2006077_INV\SC3\W\Report_ Drawing Name: INV\Draw_Surfaces\SC3\W\Uwg



Explanation	
●	Soil Sample Location
⊕	Approximate RFI Sample Location
⊕	Monitoring Well
⊗	Sample location not included in composite
—X—	Fence
—○—	Silt Fence

NOTE:
 1. Composite result for Surface 3 = 21 mg/kg copper, which is below the interim cleanup level, and therefore no discrete samples were analyzed.

**SURFACE 3 (5.0 to 6.0 ft. bgs)
 NORTHWEST CORNER
 SAMPLE LOCATIONS
 Former Rhone-Poulenc Site
 Tukwila, Washington**

By: APS | Date: 01/22/07 | Project No. 08769.005

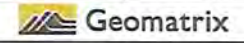
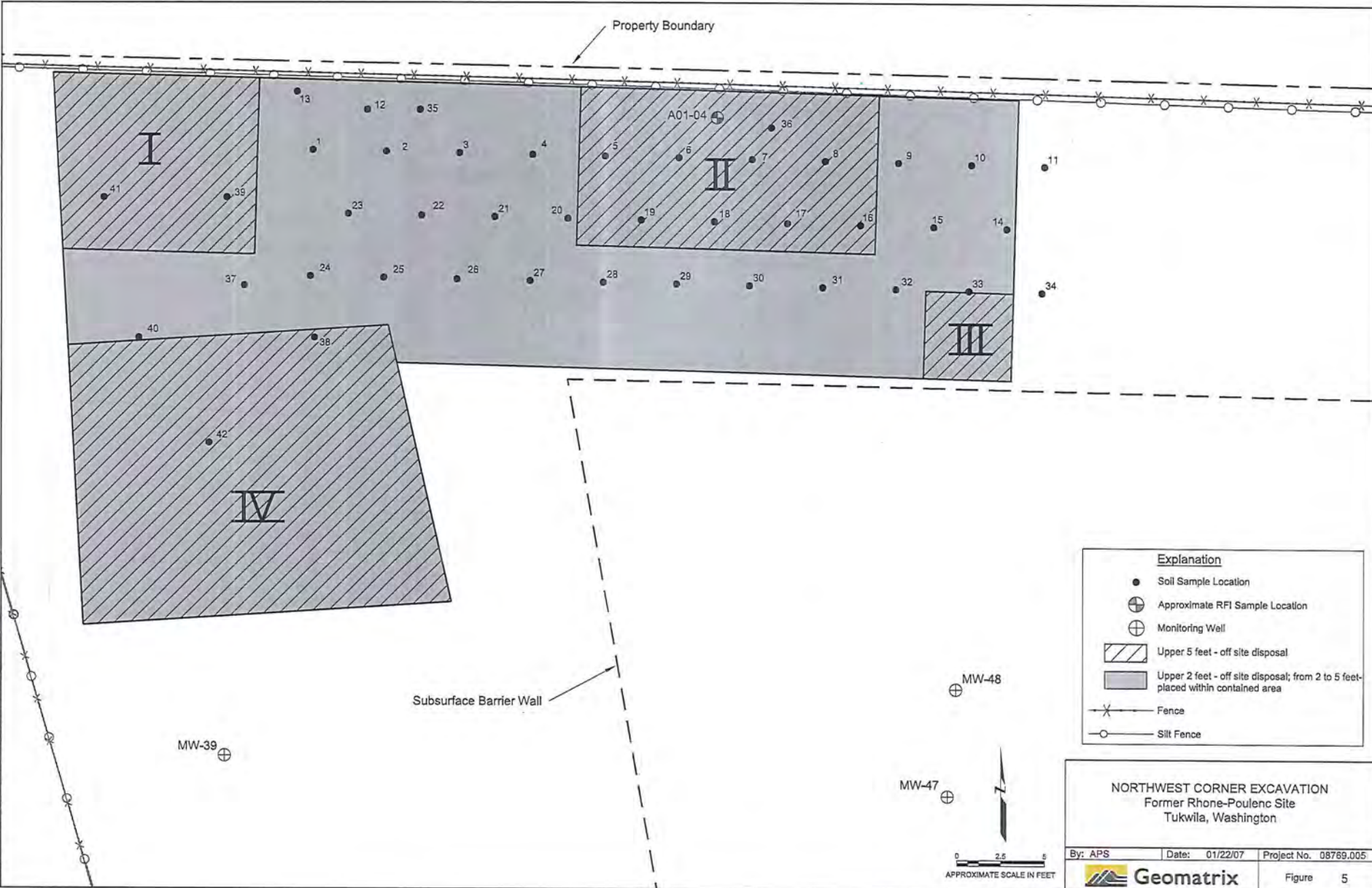


Figure 4

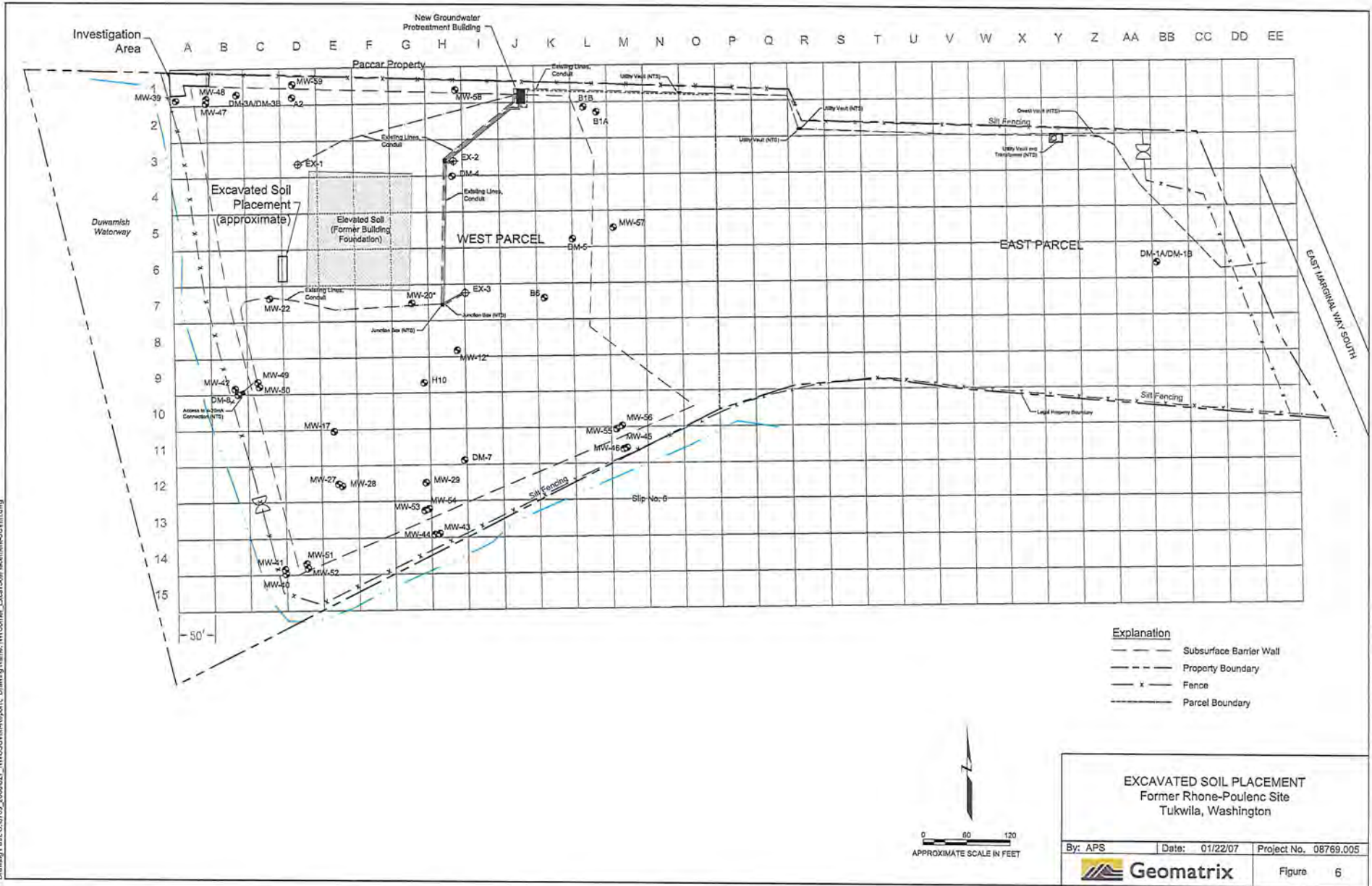
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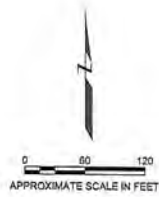
Explanation	
●	Soil Sample Location
⊕	Approximate RFI Sample Location
⊕	Monitoring Well
▨	Upper 5 feet - off site disposal
■	Upper 2 feet - off site disposal; from 2 to 5 feet-placed within contained area
-X-	Fence
-○-	Silt Fence

NORTHWEST CORNER EXCAVATION Former Rhone-Poulenc Site Tukwila, Washington		
By: APS	Date: 01/22/07	Project No. 08769.005
		Figure 5

Plot Date: 01/22/07 - 4:27 PM, Plotted by: astenberg
 Drawing Path: S:\8769_08769_007_MWSCVIL\Report, Drawing Name: NWCorner_ExcavSoilPlacementCIVIL.dwg



- Explanation**
- Subsurface Barrier Wall
 - - - Property Boundary
 - x - Fence
 - Parcel Boundary



EXCAVATED SOIL PLACEMENT Former Rhone-Poulenc Site Tukwila, Washington		
By: APS	Date: 01/22/07	Project No. 08769.005
Geomatrix		Figure 6

FINAL REMEDIAL INVESTIGATION REPORT

8801 East Marginal Way South
Tukwila, Washington
AGREED ORDER Number 6069

Prepared by:

AMEC Earth & Environmental, Inc.
11810 North Creek Parkway North
Bothell, Washington 98011

March 18, 2011

Project No. 9-915-14995-L

8801 East Marginal Way S
 Tukwila, WA

Table 749-1
Simplified Terrestrial Ecological Evaluation – Exposure
Analysis Procedure under WAC 173-340-7492(2)(a)(ii).^a

Estimate the area of contiguous (connected) undeveloped land on the site or within 500 feet of any area of the site to the nearest 1/2 acre (1/4 acre if the area is less than 0.5 acre). "Undeveloped land" means land that is not covered by existing buildings, roads, paved areas or other barriers that will prevent wildlife from feeding on plants, earth-worms, insects or other food in or on the soil.																					
1) From the table below, find the number of points corresponding to the area and enter this number in the box to the right.																					
<table border="1"> <thead> <tr> <th>Area (acres)</th> <th>Points</th> </tr> </thead> <tbody> <tr> <td>0.25 or less</td> <td>4</td> </tr> <tr> <td>0.5</td> <td>5</td> </tr> <tr> <td>1.0</td> <td>6</td> </tr> <tr> <td>1.5</td> <td>7</td> </tr> <tr> <td>2.0</td> <td>8</td> </tr> <tr> <td>2.5</td> <td>9</td> </tr> <tr> <td>3.0</td> <td>10</td> </tr> <tr> <td>3.5</td> <td>11</td> </tr> <tr> <td>4.0 or more</td> <td>12</td> </tr> </tbody> </table>	Area (acres)	Points	0.25 or less	4	0.5	5	1.0	6	1.5	7	2.0	8	2.5	9	3.0	10	3.5	11	4.0 or more	12	6
Area (acres)	Points																				
0.25 or less	4																				
0.5	5																				
1.0	6																				
1.5	7																				
2.0	8																				
2.5	9																				
3.0	10																				
3.5	11																				
4.0 or more	12																				
2) Is this an industrial or commercial property? See WAC 173-340-7490(3)(c). If yes, enter a score of 3 in the box to the right. If no, enter a score of 1.																					
		3																			
3) Enter a score in the box to the right for the habitat quality of the site, using the rating system shown below ^b . (High = 1, Intermediate = 2, Low = 3)																					
		3																			
4) Is the undeveloped land likely to attract wildlife? If yes, enter a score of 1 in the box to the right. If no, enter a score of 2. See footnote c.																					
		2																			
5) Are there any of the following soil contaminants present: Chlorinated dioxins/furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, pentachlorobenzene? If yes, enter a score of 1 in the box to the right. If no, enter a score of 4.																					
		1																			
6) Add the numbers in the boxes on lines 2 through 5 and enter this number in the box to the right. If this number is larger than the number in the box on line 1, the simplified terrestrial ecological evaluation may be ended under WAC 173-340-7492 (2)(a)(ii).																					
		9																			

Footnotes:

- a It is expected that this habitat evaluation will be undertaken by an experienced field biologist. If this is not the case, enter a conservative score (1) for questions 3 and 4.
- b **Habitat rating system.** Rate the quality of the habitat as high, intermediate or low based on your professional judgment as a field biologist. The following are suggested factors to consider in making this evaluation:
Low: Early successional vegetative stands; vegetation predominantly noxious, nonnative, exotic plant species or weeds. Areas severely disturbed by human activity, including intensively cultivated croplands. Areas isolated from other habitat used by wildlife.
High: Area is ecologically significant for one or more of the following reasons: Late-successional native plant communities present; relatively high species diversity; used by an uncommon or rare species; priority habitat (as defined by the Washington Department of Fish and Wildlife); part of a larger area of habitat where size or fragmentation may be important for the retention of some species.
Intermediate: Area does not rate as either high or low.
- c Indicate "yes" if the area attracts wildlife or is likely to do so. Examples: Birds frequently visit the area to feed; evidence of high use by mammals (tracks, scat, etc.); habitat "island" in an industrial area; unusual features of an area that make it important for feeding animals; heavy use during seasonal migrations.



NOT TO SCALE

091411-S07

091411-S05

091411-S01

091411-S08

091411-S03
091411-S03-100

CLIENT LOGO	CLIENT PACCAR INC	DWN BY: JRS	PROJECT 8801 SITE 8801 EAST MARGINAL WAY SOUTH TUKWILA, WASHINGTON	REV. NO.:
		CHK'D BY: MS		DATE: MAY 2013
AMEC 11810 North Creek Parkway North Bothell, WA, U.S.A. 98011-8201		DATUM: NONE	TITLE INFRASTRUCTURE SAMPLE LOCATIONS LOOKING SOUTH	PROJECT NO: 9-915-14995-L
		PROJECTION: NONE		FIGURE No. 5
		SCALE: NOT TO SCALE		



FORMER MANUFACTURING BUILDING


091411-S04

091411-S02

091411-S06



NOT TO SCALE

CLIENT LOGO	CLIENT PACCAR INC	DWN BY: JRS	PROJECT 8801 SITE 8801 EAST MARGINAL WAY SOUTH TUKWILA, WASHINGTON	REV. NO.:
		CHK'D BY: MS		DATE: MAY 2013
AMEC 11810 North Creek Parkway North Bothell, WA, U.S.A. 98011-8201		DATUM: NONE	TITLE INFRASTRUCTURE SAMPLE LOCATIONS LOOKING NORTH	PROJECT NO: 9-915-14995-L
		PROJECTION: NONE		FIGURE No. 6
		SCALE: NOT TO SCALE		

Appendix B

Chemicals Screened Against Preliminary Cleanup Levels

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Lead	Mercury, inorganic
				CAS 7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	7439-92-1	7439-97-6
Preliminary Screening Level				5	7.3	102	10	0.77	48.15	19.2	36	250	0.07
A	A	3/17/2004	2'	—	2.35	124	—	3.65	19.4	—	—	37.5	<0.116
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	1.37	—	—	—	—	—	—	56.6	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	50.7	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	5.11	—	—	—	—	—	—	11.8	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	4.98	—	—	—	—	—	—	741	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	2.68	—	—	—	—	—	—	11.9	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	3.65	—	—	—	—	—	—	29.9	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	2.64	—	—	—	—	—	—	14.1	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	1.61	—	—	—	—	—	—	4.82	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	2.71	—	—	—	—	—	—	3.40	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	0.800	7.10	—	<0.200	3.80	1390	2.30	109	631	0.160
BY-1	BY-1-1-3	2/22/2002	1'-3'	—	—	—	—	22.8	—	—	—	9,220	—
BY-3	BY-3-0-0.5	2/21/2002	0'-0.5'	<0.200	2.80	—	<0.200	<0.200	14.7	<0.100	55.0	27.0	0.0400
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.200	4.30	—	<0.200	0.600	13.7	<0.100	89.2	46.0	0.110
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.200	2.90	—	<0.200	0.500	15.6	<0.100	44.8	66.0	0.0600
BY-6	BY-6-0-1	2/22/2002	0'-1'	0.200	3.80	—	<0.200	<0.200	21.0	0.260	82.0	17.0	0.0700
C	C	3/17/2004	2'	—	4.87	81.7	—	<0.712	17.2	—	—	8.47	<0.134
C0	CO-0.5-2	3/30/2004	0.5'-2'	—	5.65	—	—	—	—	—	—	7.48	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	5.15	—	—	—	—	—	—	26.0	—
C2	SD-101	3/25/2004	0.5'-2'	—	2.12	—	—	—	—	—	—	75.3	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	3.14	—	—	—	—	—	—	43.8	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	2.88	—	—	—	—	—	—	62.3	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	3.15	—	—	—	—	—	—	79.9	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	2.97	—	—	—	—	—	—	8.94	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	8.52	—	—	—	—	—	—	17.6	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	1.38	—	—	—	—	—	—	1.69	—
D	D	3/17/2004	2'	—	3.05	49.6	—	<0.621	13.6	—	—	9.39	<0.115
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	4.55	—	—	—	—	—	—	35.3	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	1.61	—	—	—	—	—	—	32.7	—
D2	SD-102	3/25/2004	1'-2.5'	—	3.70	—	—	—	—	—	—	15.3	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	2.04	—	—	—	—	—	—	48.9	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	2.19	—	—	—	—	—	—	23.2	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	5.12	—	—	—	—	—	—	8.97	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	4.48	—	—	—	—	—	—	8.92	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	4.94	—	—	—	—	—	—	10.0	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	509	—	—
DG11-11	DG11-11-2.5	9/13/2011	2'-3'	—	—	—	—	—	—	—	3450	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	23.6	—	—
E0	EO-0.5-2	3/31/2004	0.5'-2'	—	4.38	—	—	—	—	—	—	27.9	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	5.74	—	—	—	—	—	—	62.2	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	2.85	—	—	—	—	—	—	12.9	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	3.43	—	—	—	—	—	—	21.1	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	4.55	—	—	—	—	—	—	6.95	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	4.39	—	—	—	—	—	—	19.3	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	3.63	—	—	—	—	—	—	9.06	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Lead	Mercury, inorganic
CAS				7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	7439-92-1	7439-97-6
Preliminary Screening Level				5	7.3	102	10	0.77	48.15	19.2	36	250	0.07
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—	—	—	—	77.2	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	4.39	67.9	—	0.715	15.6	—	—	11.4	0.0920J
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	11.9	259	—	9.19	62.2	—	—	166	0.190
F0	FO-0.5-2	3/30/2004	0.5'-2'	—	5.69	—	—	—	—	—	—	20.0	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	3.54	—	—	—	—	—	—	36.8	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	2.76	—	—	—	—	—	—	8.61	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	1.93	—	—	—	—	—	—	12.8	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	2.14	—	—	—	—	—	—	29.0	—
F5	SD-103	4/7/2004	1'-2.5'	—	3.81	—	—	—	—	—	—	53.4	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	2.48	—	—	—	—	—	—	3.48	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	2.31	—	—	—	—	—	—	8.42	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	3.67	—	—	—	—	—	—	152	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	3.52	—	—	—	—	—	—	198	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	4.68	—	—	—	—	—	—	118	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	2.41	—	—	—	—	—	—	59.0	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	2.69	—	—	—	—	—	—	42.8	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	5.48	—	—	—	—	—	—	9.70	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	1.76	—	—	—	—	—	—	1.69	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	2.34	—	—	—	—	—	—	1.87	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	1.88	—	—	—	—	—	—	2.50	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	2.13	—	—	—	—	—	—	3.17	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	7.87	—	—	—	—	—	—	14.8	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	2.97	—	—	—	—	—	—	8.35	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	1.81	—	—	—	—	—	—	3.18	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	2.83	—	—	—	—	—	—	19.7	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	7.09	—	—	—	—	—	—	113	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	3.91	—	—	—	—	—	—	7.16	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	2.21	—	—	—	—	—	—	13.2	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	3.90	—	—	—	—	—	—	6.63	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	2.70	—	—	—	—	—	—	7.53	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	3.98	—	—	—	—	—	—	2.38	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	1.87	—	—	—	—	—	—	11.0	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	3.24	—	—	—	—	—	—	47.1	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	2.22	—	—	—	—	—	—	8.10	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	2.84	—	—	—	—	—	—	2.54	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	1.81	—	—	—	—	—	—	4.44	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	0.630	—	—	—	—	—	—	4.12	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	1.85	—	—	—	—	—	—	3.17	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	2.89	—	—	—	—	—	—	11.6	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	2.96	—	—	—	—	—	—	41.0	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	3.60	—	—	—	—	—	—	8.55	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	3.65	—	—	—	—	—	—	6.41	—
J7	SD-105	4/1/2004	0.5'-2'	—	2.20	—	—	—	—	—	—	3.99	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	1.90	—	—	—	—	—	—	1.52	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	2.20	—	—	—	—	—	—	4.34	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Lead	Mercury, inorganic
				CAS 7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	7439-92-1	7439-97-6
Preliminary Screening Level				5	7.3	102	10	0.77	48.15	19.2	36	250	0.07
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	1.91	—	—	—	—	—	—	3.62	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	<0.607	—	—	—	—	—	—	1.27	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	5.68	—	—	—	—	—	—	8.12	—
K6	K6-0.5-2	3/23/2004	0.5'-2'	—	3.43	—	—	—	—	—	—	5.96	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	1.70	—	—	—	—	—	—	2.84	—
L0	L0-0.5-2	3/26/2004	0.5'-2'	—	4.26	—	—	—	—	—	—	98.5	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	2.98	—	—	—	—	—	—	2.14	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	2.96	—	—	—	—	—	—	3.59	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	2.09	—	—	—	—	—	—	4.49	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	2.68	—	—	—	—	—	—	3.80	—
L5	L5-1-3	4/1/2004	1'-3'	—	4.16	—	—	—	—	—	—	7.99	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	1.97	—	—	—	—	—	—	1.93	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	2.40	—	—	—	—	—	—	2.39	—
M0	M0-0.5-2	3/26/2004	0.5'-2'	—	3.60	—	—	—	—	—	—	7.32	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	1.86	—	—	—	—	—	—	1.92	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	3.89	—	—	—	—	—	—	7.45	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	2.02	—	—	—	—	—	—	3.61	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	2.83	—	—	—	—	—	—	2.82	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	3.59	—	—	—	—	—	—	7.18	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	2.71	—	—	—	—	—	—	4.64	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	2.36	—	—	—	—	—	—	10.2	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	2.22	—	—	—	—	—	—	20.4	—
MBS-2	SD-113	4/20/2004	1'-2.5'	—	2.13	—	—	—	—	—	—	3.05	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	—	<10.0	—	—	1.30	37.0	—	847J	382J	0.160
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	—	2.20	—	—	<0.100	10.7	—	16.2	3.20	<0.0200
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	3.55	—	—	—	—	—	—	4.55	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	3.24	—	—	—	—	—	—	4.42	—
N2	N2-1-2	4/20/2004	1'-2'	—	1.41	—	—	—	—	—	—	33.0	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	3.42	—	—	—	—	—	—	6.21	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	5.21	—	—	—	—	—	—	5.82	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	4.88	—	—	—	—	—	—	14.1	—
N6	SD-108	3/23/2004	0.5'-2'	—	4.61	—	—	—	—	—	—	7.67	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	8.38	—	—	—	—	—	—	8.02	—
NA-2	NA-2-1-3	2/20/2002	1'-3'	<0.200	0.900	—	0.300	0.300	10.3	—	155	6.00	<0.0500
NA-5	NA-5-1-3	2/20/2002	1'-3'	<0.200	1.30	—	0.300	<0.200	13.5	—	144	14.0	<0.0500
NA-8	NA-8-1-3	2/20/2002	1'-3'	<0.200	1.70	—	<0.200	<0.200	16.2	<0.100	40.1	3.00	<0.0600
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	1.89	—	—	—	—	—	—	1.54	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	4.12	—	—	—	—	—	—	34.0	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	5.24	—	—	—	—	—	—	4.21	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Lead	Mercury, inorganic
				CAS 7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	7439-92-1	7439-97-6
Preliminary Screening Level				5	7.3	102	10	0.77	48.15	19.2	36	250	0.07
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	7.07	—	—	—	—	—	—	16.2	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	7.84	—	—	—	—	—	—	5.90	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	3.79	—	—	—	—	—	—	5.41	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	4.35	—	—	—	—	—	—	9.95	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	3.78	—	—	—	—	—	—	7.42	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	3.36	—	—	—	—	—	—	4.69	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	2.41	—	—	—	—	—	—	17.5	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	8.87	—	—	—	—	—	—	132	—
Q2	Q2-1-2.5	4/6/2004	1'-2.5'	—	6.07	—	—	—	—	—	—	18.5	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	4.37	—	—	—	—	—	—	5.98	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	4.59	—	—	—	—	—	—	4.58	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	3.32	—	—	—	—	—	—	4.12	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	4.06	—	—	—	—	—	—	13.1	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	3.11	—	—	—	—	—	—	15.0	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	7.61	—	—	—	—	—	—	35.8	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	7.96	—	—	—	—	—	—	51.1	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	1.79	—	—	—	—	—	—	5.78	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	6.35	—	—	—	—	—	—	8.34	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	6.02	—	—	—	—	—	—	4.48	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	2.82	—	—	—	—	—	—	6.41	—
R6	R6-0.5-2	4/6/2004	0.5'-2'	—	4.80	—	—	—	—	—	—	15.5	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	2.43	—	—	—	—	—	—	12.7	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	3.67	—	—	—	—	—	—	13.1	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	4.80	—	—	—	—	—	—	19.3	—
S-1	S1_04181995	4/18/1995	3'	—	13.0	—	—	6.10	955	—	—	1,180	—
S-12	S12_04181995	4/18/1995	3'	—	2.20	—	—	1.30	34.5	—	—	19.7	—
S1-3	S1-3_03172000	3/17/2000	3'	—	7.00	77.0	—	0.400	18.7	—	—	13.0	0.0700
S-13	S13_04181995	4/18/1995	3'	—	5.30	—	—	1.50	40.1	—	—	18.0	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	5.17	—	—	—	—	—	—	8.07	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	3.31	—	—	—	—	—	—	8.26	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	2.74	—	—	—	—	—	—	18.2	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Lead	Mercury, inorganic
CAS				7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	7439-92-1	7439-97-6
Preliminary Screening Level				5	7.3	102	10	0.77	48.15	19.2	36	250	0.07
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	2.40	—	—	—	—	—	—	8.47	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	3.46	50.0	—	0.863	19.8	—	—	28.6	0.718
SFA-N15-3	SFA-N15-3_822004	8/2/2004	3'	—	10.3	71.7	—	1.00	31.7	—	—	95.0	0.256
SFA-S15-3	SFA-S15-3_822004	8/2/2004	3'	—	58.6	84.5	—	0.154J	17.9	—	—	11.6	0.0791J
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	0.830	—	—	—	—	—	—	1.84	—
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	—	3.56	—	—	—	—	—	—	148	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	2.53	—	—	—	—	—	—	6.10	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	2.70	—	—	—	—	—	—	12.6	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	5.67	—	—	—	—	—	—	59.2	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	3.50	—	—	—	—	—	—	7.70	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	2.66	—	—	—	—	—	—	18.6	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	2.47	—	—	—	—	—	—	4.50	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	2.73	—	—	—	—	—	—	19.6	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	1.49	—	—	—	—	—	—	2.30	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	2.83	—	—	—	—	—	—	11.7	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	1.98	—	—	—	—	—	—	1.99	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	3.76	—	—	—	—	—	—	107	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	6.04	—	—	—	—	—	—	28.8	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	2.50	—	—	2.25	—	—	—	48.2	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	1.93	—	—	2.81	—	—	—	614D	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	1.63	—	—	1.29	—	—	—	25.9	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.200	1.80	—	<0.200	<0.200	9.10	<0.100	10.5	3.00	<0.0400
WP-4	WP-4-1-2	2/26/2002	1'-2'	<0.200	2.90	—	<0.200	0.800	12.5	<0.100	13.9	10.0	<0.0400
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.200	2.40	—	<0.200	0.300	9.20	<0.100	11.1	11.0	<0.0500
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.200	2.30	—	<0.200	0.400	11.3	<0.100	35.4	34.0	0.0600
WVET-2	WVET-2	4/5/2004	3'-3'	—	4.16	89.0	—	1.66	34.9	—	—	42.6	<0.132
WVET-3	WVET-3	4/5/2004	3'-3'	—	3.98	59.2	—	<0.604	16.5	—	—	2.71	<0.119
WVET-7	WVET-7	5/12/2004	3'-3'	—	2.65	60.4	—	1.09	14.5	—	—	19.1	<0.110
WVET-8	WVET-8	5/12/2004	3'-3'	—	3.19	59.0	—	<0.643	17.3	—	—	8.56	<0.117
WVET-9	WVET-9	5/12/2004	3'-3'	—	1.65	29.9	—	<0.641	8.95	—	—	1.98	<0.121
WVET-10	WVET-10	5/12/2004	3'-3'	—	4.96	87.7	—	<0.705	21.7	—	—	16.0	<0.125

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)				
				Nickel	Selenium	Silver	Thallium	Zinc
CAS				7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6
Preliminary Screening Level				47.78	0.3	0.323	0.09	86
A	A	3/17/2004	2'	—	<0.604	<0.604	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	29.9	<0.600	<0.600	<0.200	3,450
BY-1	BY-1-1-3	2/22/2002	1'-3'	—	—	—	—	—
BY-3	BY-3-0-0.5	2/21/2002	0'-0.5'	15.8	<0.600	<0.600	<0.200	42.0
BY-4	BY-4-0-2	2/21/2002	0'-2'	12.6	<0.500	<0.500	<0.200	59.0
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	10.3	<0.600	<0.600	<0.200	55.0
BY-6	BY-6-0-1	2/22/2002	0'-1'	15.8	<0.500	<0.500	<0.200	47.0
C	C	3/17/2004	2'	—	<0.712	<0.712	—	—
C0	CO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
D	D	3/17/2004	2'	—	<0.621	<0.621	—	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
D2	SD-102	3/25/2004	1'-2.5'	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—
DG11-11	DG11-11-2.5	9/13/2011	2'-3'	—	—	—	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—
E0	EO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)				
				Nickel	Selenium	Silver	Thallium	Zinc
CAS				7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6
Preliminary Screening Level				47.78	0.3	0.323	0.09	86
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	0.399J	0.774	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	0.505	0.472J	—	—
F0	FO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—
J7	SD-105	4/1/2004	0.5'-2'	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)				
				Nickel	Selenium	Silver	Thallium	Zinc
CAS				7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6
Preliminary Screening Level				47.78	0.3	0.323	0.09	86
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—
K6	K6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—
L0	L0-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—
M0	M0-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—
MBS-2	SD-113	4/20/2004	1'-2.5'	—	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	19.0	—	<0.800	—	272
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	9.10	—	<0.200	—	25.0
N0	N0-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
NA-2	NA-2-1-3	2/20/2002	1'-3'	17.2	<0.500	<0.500	<0.200	56.0
NA-5	NA-5-1-3	2/20/2002	1'-3'	17.7	<0.600	<0.600	<0.200	71.0
NA-8	NA-8-1-3	2/20/2002	1'-3'	24.2	<0.600	<0.600	<0.200	43.0
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)				
				Nickel	Selenium	Silver	Thallium	Zinc
	CAS			7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6
	Preliminary Screening Level			47.78	0.3	0.323	0.09	86
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—
Q2	Q2-1-2.5	4/6/2004	1'-2.5'	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—
R6	R6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—
S-1	S1_04181995	4/18/1995	3'	—	—	—	—	—
S-12	S12_04181995	4/18/1995	3'	—	—	—	—	—
S1-3	S1-3_03172000	3/17/2000	3'	—	<6.00	0.600	—	—
S-13	S13_04181995	4/18/1995	3'	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—

Table B-1 - Metals in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)				
				Nickel	Selenium	Silver	Thallium	Zinc
CAS				7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6
Preliminary Screening Level				47.78	0.3	0.323	0.09	86
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	0.312J	<0.0731	—	—
SFA-N15-3	SFA-N15-3_822004	8/2/2004	3'	—	0.339J	0.130J	—	—
SFA-S15-3	SFA-S15-3_822004	8/2/2004	3'	—	0.351J	<0.0570	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	8.80	<0.500	<0.500	<0.200	25.0
WP-4	WP-4-1-2	2/26/2002	1'-2'	9.90	<0.500	<0.500	<0.200	48.0
WP-5	WP-5-1-2	2/26/2002	1'-2'	9.10	<0.500	<0.500	<0.200	32.0
WP-6	WP-6-1-2	2/26/2002	1'-2'	10.9	<0.500	<0.500	<0.200	83.0
WVET-2	WVET-2	4/5/2004	3'-3'	—	<0.640	<0.640	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	<0.604	<0.604	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	<0.521	<0.521	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	<0.643	<0.643	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	<0.641	<0.641	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	<0.705	<0.705	—	—

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable unsaturated soil

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Dibutyltin	Lead
				CAS 7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	1002-53-5	7439-92-1
	Preliminary Screening Level			4.08	7.3	8.26	3.46	0.77	48.15	0.96	36	—	250
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	—	1.33	—	—	0.304J	15.6	—	10.2	0.00365	11.7
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	3.92
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	1.34	—	—	—	—	—	—	—	5.19
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—	—	—	<1.23
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	2.28	—	—	—	—	—	—	—	2.68
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	—	2.64	—	—	0.407J	12.2	—	35.7	<0.000757	5.43
B3	B3-3-4.5	4/9/2004	3'-4.5'	—	4.16	—	—	0.787	24.1	—	203	<0.000818	41.8
B4	B4-3-4.5	4/9/2004	3'-4.5'	—	1.56	—	—	0.171J	9.56	—	14.9	<0.000725	2.17
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	—	—	—	1.32
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	2.95	—	—	—	—	—	—	—	3.80
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	3.70	—	—	—	—	—	—	—	3.57
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	2.03	—	—	—	—	—	—	—	13.8
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	2.66	—	—	—	—	—	—	—	3.16
BY-3	BY-3-3-5	2/21/2002	3'-5'	11.0	14.7	—	<0.200	22.2	700	<0.110	1380	—	5,200
BY-3	BY-3-6-8	2/21/2002	6'-8'	—	—	—	—	21.0	—	<0.130	—	—	6,080
BY-3	BY-3-8-9	2/21/2002	8'-9'	—	—	—	—	2.40	—	—	—	—	541
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	14.2	—	—	—	—	3,330
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	11.1	—	—	—	—	3,780
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	4.90	—	—	—	—	150
BY-5	BY-5-7-9	2/22/2002	7'-9'	—	—	—	—	5.40	—	—	—	—	1,310
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	<0.200	—	—	—	—	21.0
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	—	—	—	—	—	—	<0.110	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	—	5.31	—	—	1.24	19.4	—	32.0	<0.000705	287
C5	C5-6-7.5	4/9/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	2.38
C6	C6-12-13.5	4/9/2004	12'-13.5'	—	—	—	—	—	—	—	—	—	13.2
C6	C6-3-4.5	4/9/2004	3'-4.5'	—	3.03	—	—	0.195J	11.6	—	226	<0.000795	7.00
C6	C6-6-7.5	4/9/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	10.2
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	2.83	—	—	—	—	—	—	—	9.38
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	4.44	—	—	—	—	—	—	—	13.1
CENTER-3	CENTER-3	4/9/2004	7'	—	1.22	26.8	—	<0.614	10.8	—	—	—	1.18
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	1.56	—	—	—	—	—	—	—	1.25
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	<0.611	—	—	—	—	—	—	—	7.07
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	2.65	—	—	—	—	—	—	—	1.89
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	2.60	—	—	—	—	—	—	—	1.94
D5	D5-3.5-5	4/7/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	1.66
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	1.81	—	—	—	—	—	—	—	1.55
D6	D6-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	3.20
D6	D6-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	2.64
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	2.59	—	—	—	—	—	—	—	12.1
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	—	—	—	17.1
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—	—	2.60
DG11-10	DG11-10-3	9/12/2011	3'-4'	—	2.90	—	—	—	—	—	—	—	—
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—	3.40
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—	—	1.50
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—	3.60
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—	—	1.90
DG11-9	DG11-9-3	9/12/2011	3'-4'	—	7.00	—	—	—	—	—	—	—	—
DS-2	DS-2-6-8	2/22/2002	6'-8'	—	—	—	—	—	—	<0.110	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	2.92	—	—	—	—	—	—	—	2.47
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	3.61	—	—	—	—	—	—	—	9.30
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	6.16	—	—	—	—	—	—	—	4.63
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	5.82
EAST-1	EAST-1	4/1/2004	5'	—	7.33	77.9	—	<0.673	30.2	—	—	—	17.9

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Dibutyltin	Lead
CAS				7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	1002-53-5	7439-92-1
Preliminary Screening Level				4.08	7.3	8.26	3.46	0.77	48.15	0.96	36	—	250
EAST-3	EAST-3	4/1/2004	7'	—	3.36	56.2	—	<0.619	13.9	—	—	—	3.31
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	2.62	—	—	—	—	—	—	—	1.94
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	1.75	—	—	—	—	—	—	—	2.79
FPD-2	FPD-2-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	1.41
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	5.05	—	—	—	—	—	—	—	107
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	2.06
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	1.71	—	—	—	—	—	—	—	8.57
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—	—	—	0.990
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	6.66	—	—	—	—	—	—	—	3.80
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	2.00	—	—	—	—	—	—	—	1.44
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	2.48	—	—	—	—	—	—	—	1.46
FWW-1	FWW-1-4-5.5	4/7/2004	4'-5.5'	—	—	—	—	—	—	—	—	—	2.65
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	2.29	—	—	—	—	—	—	—	1.55
FWW-1	FWW-1-10-11.5	4/7/2004	10'-11.5'	—	—	—	—	—	—	—	—	—	3.16
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	1.87	—	—	—	—	—	—	—	1.42
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	3.39
H4	H4-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	4.05
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	1.94	—	—	—	—	—	—	—	2.46
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	5.62	—	—	—	—	—	—	—	6.71
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	8.15	—	—	—	—	—	—	—	7.28
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	1.70	—	—	—	—	—	—	—	1.50
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	2.51	—	—	—	—	—	—	—	3.76
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	2.01	—	—	—	—	—	—	—	1.84
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	1.68	—	—	—	—	—	—	—	5.08
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	2.19	—	—	—	—	—	—	—	1.40
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	2.67	—	—	—	—	—	—	—	4.80
M4	M4-3.5-5	4/12/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	2.55
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	1.54	—	—	—	—	—	—	—	1.67
M4	M4-9-10.5	4/12/2004	9'-10.5'	—	—	—	—	—	—	—	—	—	2.87
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	1.91	—	—	—	—	—	—	—	2.41
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	3.05	—	—	—	—	—	—	—	10.8
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	4.36	—	—	—	—	—	—	—	6.35
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	5.33	—	—	—	—	—	—	—	3.55
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	3.57
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	5.81	—	—	—	—	—	—	—	8.28
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	2.68
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	—	1.10	—	—	<0.100	10.3	—	11.3	—	1.40
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	—	2.40	—	—	<0.100	12.4	—	25.6	—	2.30
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	—	<30.0	—	—	41.0	331	—	2560	—	4,430
MW-43	091411-MW-43-SB-11	9/14/2011	11'-12'	—	3.00	—	—	3.10	34.0	—	103	—	463
MW-43	091411-MW-43-SB-15	9/14/2011	14'-15'	—	1.00	—	—	<0.100	9.90	—	13.4	—	17.7
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	—	1.90	—	—	<0.100	9.70	—	17.9	—	1.60
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	—	1.90	—	—	<0.100	12.8	—	19.4	—	2.60
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	—	2.50	—	—	<0.100	12.1	—	16.1	—	2.60
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	—	1.70	—	—	<0.100	12.1	—	10.0	—	1.10
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	—	1.60	—	—	<0.100	8.10	—	10.6	—	1.20
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	—	1.10	—	—	<0.100	10.6	—	14.8	—	1.40
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	—	3.60	—	—	0.200	14.4	—	29.5	—	2.70
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	—	1.50	—	—	<0.100	10.0	—	15.2	—	1.50
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	—	1.70	—	—	<0.100	7.50	—	9.90	—	0.900
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	3.22	—	—	—	—	—	—	—	3.10
N4	N4-5-7	4/12/2004	5'-7'	—	1.99	—	—	—	—	—	—	—	2.15
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	8.29	—	—	—	—	—	—	—	40.2

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Dibutyltin	Lead
				CAS 7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	1002-53-5	7439-92-1
	Preliminary Screening Level			4.08	7.3	8.26	3.46	0.77	48.15	0.96	36	—	250
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.200	2.10	—	<0.200	<0.200	11.1	—	16.5	—	4.00
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.200	1.70	—	<0.200	<0.200	13.3	<0.550	15.4	—	6.00
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.200	2.70	—	<0.200	<0.200	17.9	0.660	19.4	—	8.00
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.200	3.20	—	<0.200	<0.200	16.0	—	46.8	—	6.00
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.200	1.90	—	<0.200	<0.200	14.0	—	69.8	—	6.00
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.300	3.60	—	0.300	<0.300	13.9	<0.120	18.0	—	5.00
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	2.19	—	—	—	—	—	—	—	1.31
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	5.54	—	—	—	—	—	—	—	4.86
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	6.86	—	—	—	—	—	—	—	3.56
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	3.45	—	—	—	—	—	—	—	3.37
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	5.09	—	—	—	—	—	—	—	4.04
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	1.45	—	—	—	—	—	—	—	1.60
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	3.36	—	—	—	—	—	—	—	2.44
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	5.59	—	—	—	—	—	—	—	7.43
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	6.46	—	—	—	—	—	—	—	4.23
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	4.45	—	—	—	—	—	—	—	2.59
S-4	S4_04181995	4/18/1995	4'	—	8.90	—	—	2.60	126	—	—	—	226
S5	S5-5-6.5	4/6/2004	5'-6.5'	—	6.82	—	—	—	—	—	—	—	7.30
S-5	S5_04181995	4/18/1995	4'	—	3.90	—	—	1.30	130	—	—	—	619
S-8	S8_04181995	4/18/1995	4'	—	3.70	—	—	2.90	82.5	—	—	—	261
SFA-B14-4	SFA-B14-4_822004	8/2/2004	3.5'-4'	—	0.871	19.1	—	<0.0350	7.35	—	—	—	1.27
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	—	1.18	21.0	—	<0.0500	8.24	—	—	—	1.13
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	—	3.37	46.7	—	0.131J	17.8	—	—	—	3.94
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	—	6.77	52.0	—	0.0949J	17.0	—	—	—	8.23
SFA-N14-3.5	SFA-N14-3.5_822004	8/2/2004	3.5'	—	11.4	86.7	—	0.419J	22.2	—	—	—	93.1
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	—	3.94	85.2	—	0.189J	20.7	—	—	—	6.55
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	—	1.96	23.3	—	0.0879J	14.2	—	—	—	1.42
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	2.41	—	—	—	—	—	—	—	5.50
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	—	4.33	20.5	—	<1.00	6.60	—	92.5	—	15.9
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	—	3.00	24.4	—	4.56	10.8	—	167	—	29.5
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	—	4.79	24.5	—	<1.00	17.9	—	141	—	83.2
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	—	3.96	26.7	—	<1.00	10.6	—	171	—	35.7
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	—	2.51	30.4	—	<1.00	10.5	—	13.8	—	11.5
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	—	1.72	20.8	—	<1.00	5.24	—	11.8	—	8.07
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	—	2.21	23.2	—	<1.00	6.90	—	13.3	—	2.18
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	—	4.83	42.9	—	<1.00	7.56	—	16.8	—	7.70
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	—	4.61	21.9	—	<1.00	6.62	—	117	—	19.3
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	—	4.07	21.8	—	<1.00	6.68	—	48.7	—	12.1
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	—	8.37	20.8	—	<1.00	8.10	—	79.4	—	35.7
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	—	4.62	33.2	—	<1.00	8.77	—	911	—	26.4
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	—	6.01	45.0	—	1.32	14.1	—	336	—	72.1
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	—	5.65	19.0	—	<1.00	5.87	—	12.5	—	29.3
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	—	4.55	17.7	—	<1.00	6.42	—	18.6	—	16.4
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	—	4.38	19.1	—	<1.00	5.76	—	46.1	—	17.3
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	—	3.90	17.1	—	<1.00	5.55	—	130	—	17.8
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	—	3.64	59.4	—	1.07	16.7	—	35.0	—	43.0
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	—	3.01	47.2	—	<1.00	13.4	—	32.1	—	46.6
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	—	3.62	40.9	—	1.25	17.0	—	31.4	—	61.2
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	—	3.02	37.7	—	<1.00	9.45	—	19.5	—	33.8
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	—	1.86	20.2	—	<1.00	9.43	—	10.4	—	1.91
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	—	2.81	27.9	—	<1.00	6.03	—	13.4	—	2.18
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	—	1.47	14.7	—	<1.00	4.79	—	10.4	—	2.28
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	—	2.01	25.2	—	<1.00	6.55	—	13.1	—	2.25

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)									
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Copper	Dibutyltin	Lead
CAS				7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-50-8	1002-53-5	7439-92-1
Preliminary Screening Level				4.08	7.3	8.26	3.46	0.77	48.15	0.96	36	—	250
SWS-1	SWS-1-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	626
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	6.24	—	—	—	—	—	—	—	1,030
SWS-1	SWS-1-7.5-8.5	4/8/2004	7.5'-8.5'	—	—	—	—	—	—	—	—	—	17.2
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	4.11	—	—	—	—	—	—	—	476
SWS-2	SWS-2-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	1,600
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—	—	3,430
SWS-2	SWS-2-11.5-13	4/8/2004	11.5'-13'	—	—	—	—	—	—	—	—	—	12.4
SWS-3	SWS-3-3-4.5	4/8/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	8.70
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	10.0	—	—	—	—	—	—	—	64.7
SWS-3	SWS-3-8.5-10	4/8/2004	8.5'-10'	—	—	—	—	—	—	—	—	—	3.61
SWS-4	SWS-4-3-4.5	4/8/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	26.6
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	4.19	—	—	—	—	—	—	—	13.9
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—	—	—	1.89
SWS-5	SWS-5-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	4.73
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	2.59	—	—	—	—	—	—	—	2.43
SWS-6	SWS-6-3-4.5	4/8/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	6.11
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	3.48	—	—	—	—	—	—	—	11.6
SWS-6	SWS-6-7-8.5	4/8/2004	7'-8.5'	—	—	—	—	—	—	—	—	—	9.21
SWS-6	SWS-6-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—	—	12.3
SWS-7	SWS-7-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	5.12
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	4.24	—	—	—	—	—	—	—	15.5
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	3.07	—	—	—	—	—	—	—	56.5
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	2.49	—	—	—	—	—	—	—	32.5
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	9.13	—	—	—	—	—	—	—	44.3
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	1.69	—	—	—	—	—	—	—	1.59
WEST-3	WEST-3	4/1/2004	5'	—	1.46	30.7	—	<0.586	11.0	—	—	—	2.00
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	<0.120	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	1.10	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	0.190	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.300	3.60	—	0.400	<0.300	18.1	1.80	22.4	—	9.00
WVET-5	WVET-5	4/5/2004	4'-4'	—	1.96	48.7	—	<0.579	16.0	—	—	—	6.44
WVET-6	WVET-6	4/5/2004	4'-4'	—	2.84	32.0	—	<0.583	10.3	—	—	—	1.66
WVET-11	WVET-11	5/12/2004	4'-4'	—	1.65	29.4	—	<0.538	9.57	—	—	—	2.31

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)							
				Mercury, inorganic	Monobutyltin	Nickel	Selenium	Silver	Tetrabutyltin	Thallium	Zinc
CAS				7439-97-6	78763-54-9	7440-02-0	7782-49-2	7440-22-4	1461-25-2	7440-28-0	7440-66-6
Preliminary Screening Level				0.07	—	47.78	0.38	0.02	—	4.41E-03	85.1
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	0.0103J	0.00272	9.44	—	<0.110	<0.000732	—	48.0
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	0.0177J	<0.00138	10.8	—	<0.110	<0.000778	—	36.0
B3	B3-3-4.5	4/9/2004	3'-4.5'	0.0606J	<0.000583	14.7	—	<0.110	<0.000840	—	101
B4	B4-3-4.5	4/9/2004	3'-4.5'	0.0166J	<0.000517	7.48	—	<0.110	<0.000745	—	22.1
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	—	—
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	0.930	—	109	<2.00	5.30	—	<0.200	3640
BY-3	BY-3-6-8	2/21/2002	6'-8'	—	—	—	—	—	—	—	—
BY-3	BY-3-8-9	2/21/2002	8'-9'	—	—	—	—	—	—	—	—
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—	—
BY-5	BY-5-7-9	2/22/2002	7'-9'	—	—	—	—	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	—	—	—	—	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	0.0405J	<0.000502	13.7	—	0.111J	<0.000724	—	36.2
C5	C5-6-7.5	4/9/2004	6'-7.5'	—	—	—	—	—	—	—	—
C6	C6-12-13.5	4/9/2004	12'-13.5'	—	—	—	—	—	—	—	—
C6	C6-3-4.5	4/9/2004	3'-4.5'	0.930	<0.000566	10.8	—	<0.110	<0.000816	—	36.2
C6	C6-6-7.5	4/9/2004	6'-7.5'	—	—	—	—	—	—	—	—
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	<0.129	—	—	<0.614	<0.614	—	—	—
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—
D5	D5-3.5-5	4/7/2004	3.5'-5'	—	—	—	—	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—
D6	D6-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—
D6	D6-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	—	—	—	—	—	—	—
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	—	—
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—
DG11-10	DG11-10-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—
DG11-9	DG11-9-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—
DS-2	DS-2-6-8	2/22/2002	6'-8'	—	—	—	—	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	<0.124	—	—	<0.673	1.13	—	—	—

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)							
				Mercury, inorganic	Monobutyltin	Nickel	Selenium	Silver	Tetrabutyltin	Thallium	Zinc
				CAS 7439-97-6	78763-54-9	7440-02-0	7782-49-2	7440-22-4	1461-25-2	7440-28-0	7440-66-6
	Preliminary Screening Level			0.07	—	47.78	0.38	0.02	—	4.41E-03	85.1
EAST-3	EAST-3	4/1/2004	7'	<0.118	—	—	<0.619	0.790	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	—	—	—	—	—	—	—
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—
FWW-1	FWW-1-4-5.5	4/7/2004	4'-5.5'	—	—	—	—	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	—	—
FWW-1	FWW-1-10-11.5	4/7/2004	10'-11.5'	—	—	—	—	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—
H4	H4-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—	—
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—
M4	M4-3.5-5	4/12/2004	3.5'-5'	—	—	—	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	—	—	—	—	—	—
M4	M4-9-10.5	4/12/2004	9'-10.5'	—	—	—	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.0300	—	8.80	—	<0.200	—	—	24.0
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.0300	—	11.1	—	<0.300	—	—	28.0
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	0.330	—	149	—	7.00	—	—	6570
MW-43	091411-MW-43-SB-11	9/14/2011	11'-12'	<0.0200J	—	27.3	—	0.400	—	—	221
MW-43	091411-MW-43-SB-15	9/14/2011	14'-15'	<0.0200J	—	6.70	—	<0.300	—	—	33.0
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.0300	—	9.80	—	<0.300	—	—	22.0
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	0.0300	—	9.30	—	<0.300	—	—	29.0
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.0300	—	9.40	—	<0.200	—	—	28.0
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.0300	—	9.20	—	<0.200	—	—	24.0
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.0200	—	8.10	—	<0.200	—	—	22.0
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.0300	—	7.80	—	<0.200	—	—	26.0
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	0.0300	—	13.1	—	<0.300	—	—	32.0
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.0300	—	8.70	—	<0.200	—	—	22.0
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.0300	—	6.90	—	<0.200	—	—	17.0
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—	—

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)							
				Mercury, inorganic	Monobutyltin	Nickel	Selenium	Silver	Tetrabutyltin	Thallium	Zinc
				CAS 7439-97-6	78763-54-9	7440-02-0	7782-49-2	7440-22-4	1461-25-2	7440-28-0	7440-66-6
Preliminary Screening Level				0.07	—	47.78	0.38	0.02	—	4.41E-03	85.1
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.0600	—	11.3	<0.600	<0.600	—	<0.200	30.0
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.0500	—	11.5	<0.600	<0.600	—	<0.200	36.0
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.0400	—	15.9	<0.600	<0.600	—	<0.200	35.0
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.0500	—	15.9	0.700	<0.600	—	<0.200	47.0
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.0600	—	15.1	<0.600	<0.600	—	<0.200	47.0
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.0500	—	13.0	<0.600	<0.600	—	<0.300	38.0
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	—	—
S-4	S4_04181995	4/18/1995	4'	—	—	—	—	—	—	—	—
S5	S5-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—
S-5	S5_04181995	4/18/1995	4'	—	—	—	—	—	—	—	—
S-8	S8_04181995	4/18/1995	4'	—	—	—	—	—	—	—	—
SFA-B14-4	SFA-B14-4_822004	8/2/2004	3.5'-4'	<0.00660	—	—	0.207J	<0.0570	—	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	<0.00660	—	—	0.316J	<0.110	—	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	0.0212J	—	—	<0.0980	0.0625J	—	—	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	0.0958J	—	—	0.379J	<0.0570	—	—	—
SFA-N14-3.5	SFA-N14-3.5_822004	8/2/2004	3.5'	0.0874J	—	—	0.341J	0.107J	—	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	0.0580J	—	—	0.763	0.214J	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	<0.00660	—	—	0.322J	<0.110	—	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.200	—	6.05	<1.00	<1.00	—	—	24.4
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	0.210	—	7.07	<1.00	<1.00	—	—	44.7
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	0.330	—	6.27	<1.00	<1.00	—	—	54.1
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.200	—	5.93	<1.00	<1.00	—	—	46.2
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.200	—	6.30	<1.00	<1.00	—	—	27.0
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.200	—	4.44	<1.00	<1.00	—	—	17.9
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.200	—	4.67	<1.00	<1.00	—	—	17.2
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.200	—	5.95	<1.00	<1.00	—	—	19.9
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	0.530	—	5.77	<1.00	<1.00	—	—	27.7
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.200	—	6.28	<1.00	<1.00	—	—	27.5
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.200	—	6.76	<1.00	<1.00	—	—	29.6
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	0.910	—	8.16	<1.00	<1.00	—	—	49.9
SS-SW-05	SS-DUP2_20071102	11/2/2007	7.5'-8'	0.380	—	9.13	<1.00	<1.00	—	—	73.7
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.200	—	5.08	<1.00	<1.00	—	—	38.1
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.200	—	5.25	<1.00	<1.00	—	—	22.3
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.200	—	5.21	<1.00	<1.00	—	—	22.5
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.200	—	5.39	<1.00	<1.00	—	—	25.3
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.200	—	13.1	<1.00	<1.00	—	—	59.8
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.200	—	8.01	<1.00	<1.00	—	—	54.5
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.200	—	8.58	<1.00	<1.00	—	—	78.1
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.200	—	5.80	<1.00	<1.00	—	—	47.7
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.200	—	4.65	<1.00	<1.00	—	—	13.7
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.200	—	5.48	<1.00	<1.00	—	—	14.3
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.200	—	7.71	<1.00	<1.00	—	—	16.2
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.200	—	4.87	<1.00	<1.00	—	—	16.7

Table B-2 - Metals in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Metal's (milligrams per kilogram)							
				Mercury, inorganic	Monobutyltin	Nickel	Selenium	Silver	Tetrabutyltin	Thallium	Zinc
CAS				7439-97-6	78763-54-9	7440-02-0	7782-49-2	7440-22-4	1461-25-2	7440-28-0	7440-66-6
Preliminary Screening Level				0.07	—	47.78	0.38	0.02	—	4.41E-03	85.1
SWS-1	SWS-1-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	—	—	—	—	—	—	—
SWS-1	SWS-1-7.5-8.5	4/8/2004	7.5'-8.5'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-11.5-13	4/8/2004	11.5'-13'	—	—	—	—	—	—	—	—
SWS-3	SWS-3-3-4.5	4/8/2004	3'-4.5'	—	—	—	—	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—
SWS-3	SWS-3-8.5-10	4/8/2004	8.5'-10'	—	—	—	—	—	—	—	—
SWS-4	SWS-4-3-4.5	4/8/2004	3'-4.5'	—	—	—	—	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—	—
SWS-5	SWS-5-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-3-4.5	4/8/2004	3'-4.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-7-8.5	4/8/2004	7'-8.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—
SWS-7	SWS-7-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	<0.112	—	—	<0.586	<0.586	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.0600	—	16.2	<0.700	<0.700	—	<0.300	57.0
WVET-5	WVET-5	4/5/2004	4'-4'	<0.116	—	—	<0.579	<0.579	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	<0.108	—	—	<0.583	<0.583	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	<0.106	—	—	<0.538	<0.538	—	—	—

Notes:
Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable saturated soil
< - sample less than the indicated method detection limit
Bold indicates analyte detected
Orange indicates value is above the preliminary screening level
Blue indicates method reporting limit greater than screening level
D - sample diluted
J - estimated concentration above the method detection limit but below the method reporting limit
R - sample result rejected due to being non detect and having no surrogate recovery
Y - estimated concentration

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)																	
			Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Copper		Iron		Lead	
CAS			7440-36-0		7440-38-2		7440-39-3		7440-41-7		7440-43-9		7440-47-3		7440-50-8		7439-89-6		7439-92-1	
Preliminary Screening Level			90		8		200		4.38		1.19		0.06		3.1		—		8.1	
Dissolved Status			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
A1	A1-RGW_4192004	4/19/2004	—	0.230J	—	1.24	—	—	—	<0.180	—	<0.200	—	1.98	—	0.300J	—	—	—	<0.190
B1	B1-RGW_3252004	3/25/2004	—	0.130J	—	1.03	—	—	—	<0.180	—	<0.200	—	0.920J	—	0.370J	—	—	—	0.250J
BOEING I-205	030206-MW-1	3/2/2006	—	<0.200	—	13.3	—	—	—	<0.200	—	<0.200	—	<0.500	—	<0.500	—	—	—	<1.00
BOEING I-205	BOEING MW-1_08/08/2006	8/8/2006	—	<0.200	—	9.80	—	—	—	<0.200	—	<0.200	—	<0.500	—	<0.500	—	—	—	<1.00
BOEING I-206	030206-MW-2	3/2/2006	—	<0.200	—	213	—	—	—	<0.200	—	<0.200	—	0.600	—	<0.500	—	—	—	<1.00
BOEING I-206	BOEING MW-2_08/08/2006	8/8/2006	—	<0.200	—	235	—	—	—	<0.200	—	<0.200	—	<0.500	—	<0.500	—	—	—	<1.00
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	<0.110	—	3.15	—	—	—	<0.180	—	<0.200	—	0.560J	—	1.40	—	—	—	0.490J
F1	F1-RGW_3192004	3/19/2004	—	<0.110	—	3.30	—	—	—	<0.180	—	<0.200	—	2.06	—	0.230J	—	—	—	<0.190
F3	F3-RGW_3172004	3/17/2004	—	0.730J	—	2.31	—	—	—	<0.180	—	<0.200	—	1.69	—	0.920J	—	—	—	<0.190
F5	F5-RGW_472004	4/7/2004	—	0.310J	—	10.4	—	—	—	<0.180	—	<0.200	—	2.11	—	3.27	—	—	—	<0.190
FTF-1	FTF-1-RGW_472004	4/7/2004	—	0.170J	—	1.29	—	—	—	<0.180	—	<0.200	—	4.34	—	1.14	—	—	—	<0.190
G6	G6-RGW_3182004	3/18/2004	—	0.250J	—	6.70	—	—	—	0.180J	—	<0.200	—	10.6	—	5.40	—	—	—	0.670J
H3	H3-RGW_3172004	3/17/2004	—	0.360J	—	9.58	—	—	—	<0.180	—	<0.200	—	2.56	—	0.760J	—	—	—	<0.190
J4	J4-RGW_3182004	3/18/2004	—	0.180J	—	3.85	—	—	—	<0.180	—	<0.200	—	5.58	—	0.540J	—	—	—	<0.190
K5	K5-RGW_412004	4/1/2004	—	<0.110	—	4.08	—	—	—	<0.180	—	<0.200	—	1.27	—	0.640J	—	—	—	<0.190
L1	L1-RGW_4202004	4/20/2004	—	0.250J	—	15.8	—	—	—	<0.180	—	<0.200	—	3.65	—	0.340J	—	—	—	<0.190
L3	L3-RGW_3192004	3/19/2004	—	0.260J	—	16.2	—	—	—	<0.180	—	<0.200	—	6.91	—	0.880J	—	—	—	<0.190
L6	L6-RGW_412004	4/1/2004	—	0.170J	—	9.52	—	—	—	<0.180	—	<0.200	—	0.870J	—	0.620J	—	—	—	<0.190
M7	M7-RGW_452004	4/5/2004	—	0.180J	—	10.8	—	—	—	<0.180	—	<0.200	—	1.12	—	0.920J	—	—	—	<0.190
MW-1A	MW-1A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	380	—	—
MW-1A	MW-1A_03/28/2002	3/28/2002	0.200	0.200	1.00	1.00	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<2.00	5.50	5.20	—	—	<1.00	<1.00
MW-1A	030606-MW-1A	3/6/2006	—	0.200	—	1.00	—	—	—	<0.200	—	<0.200	—	<1.00	—	9.70	—	—	—	<1.00
MW-1A	MW-1A_08/14/2006	8/14/2006	—	0.300	—	1.10	—	—	—	<0.200	—	<0.200	—	<1.00	—	7.20	—	—	—	<1.00
MW-1A	MW-01A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—	9.26	5.29	—	—	—	—
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	0.400	0.400	—	—	<0.200	<0.200	<0.200	<0.200	<2.00	<2.00	1.00	0.800	—	—	<1.00	<1.00
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	<0.200	1.50	1.20	—	—	<0.200	<0.200	<0.200	<0.200	<2.00	<1.00	2.60	0.700	—	—	<1.00	<1.00
MW-6A(R)	MW-06A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—	0.534	0.346J	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	0.600	0.700	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<1.00	<0.500	<0.500	—	—	<1.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	—	<0.200	—	<0.200	—	—	—	<0.200	—	<0.200	—	8.00	—	0.700	—	—	—	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<0.200	—	<0.200	—	—	—	<0.200	—	<0.200	—	<2.00	—	<0.500	22500	—	—	<1.00
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	7.80	2.92	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	2.30	0.400	—	—	<0.200	<0.200	0.300	<0.200	4.00	<1.00	16.6	1.40	—	—	3.00	<1.00
MW-8A	030306-MW-8A	3/3/2006	—	<0.200	—	0.300	—	—	—	<0.200	—	<0.200	—	0.500	—	2.50	—	<50.0	—	<1.00
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<0.200	—	2.00	—	—	—	<0.200	—	<0.200	—	<1.00	—	2.40	4180	—	—	<1.00
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21200	—	—	—
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	4.00	3.40	—	—	<0.200	<0.200	<0.200	<0.200	<2.00	<2.00	2.30	1.00	—	—	<1.00	<1.00
MW-8B	030606-MW-8B	3/6/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	0.800	—	0.700	—	—	—	<1.00
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	<1.00	—	0.500	—	—	—	<1.00
MW-9A	MW-9A_03/27/2002	3/27/2002	0.300	0.300	0.900	0.700	—	—	<0.200	<0.200	<0.200	<0.200	6.70	8.00	4.00	4.20	—	—	<1.00	<1.00
MW-9A	030306-MW-9A	3/3/2006	—	<0.200	—	1.50	—	—	—	<0.200	—	<0.200	—	4.00	—	3.80	—	—	—	<1.00
MW-9A	MW-09A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	3.03	1.52	—	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	0.300	0.300	9.00	12.6	—	—	<0.200	<0.200	<0.200	<0.200	0.600	<1.00	1.60	1.30	—	—	<1.00	<1.00
MW-11A	030306-MW-11A	3/3/2006	—	<0.200	—	0.800	—	—	—	0.200	—	0.400	—	<0.500	—	1.60	—	—	—	<1.00
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<0.200	—	<0.200	—	—	—	<0.200	—	<0.200	—	<0.500	—	1.00	—	—	—	<1.00
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	14.4	14.5	—	—	<0.200	<0.200	<0.200	<0.200	5.00	4.00	0.600	0.600	—	—	<1.00	<1.00
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	1.90	1.42	—	—	—	—	—	—	—	—	11.3	7.83	—	—	—	—

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)																	
			Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Copper		Iron		Lead	
CAS			7440-36-0		7440-38-2		7440-39-3		7440-41-7		7440-43-9		7440-47-3		7440-50-8		7439-89-6		7439-92-1	
Preliminary Screening Level			90		8		200		4.38		1.19		0.06		3.1		—		8.1	
Dissolved Status			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
MW-14A	MW-14A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50.0	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	2.70	3.20	—	—	<0.200	<0.200	<0.200	<0.200	1.10	<1.00	5.80	3.20	—	—	<1.00	<1.00
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	2.80	3.40	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<1.00	6.00	3.40	—	—	<1.00	<1.00
MW-14A	030306-MW-14A	3/3/2006	—	<0.200	—	<0.500	—	—	—	<0.200	—	<0.200	—	<0.500	—	7.40	—	<50.0	—	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<0.200	—	0.600	—	—	—	<0.200	—	<0.200	—	<2.00	—	1.90	320	—	—	<1.00
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	0.581	0.555	—	—	—	—	—	—	—	—	1.79	1.77	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	0.800	0.800	2.30	2.30	—	—	<0.200	<0.200	<0.200	<0.200	<0.500	<1.00	3.80	3.80	—	—	<1.00	<1.00
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	7.30	0.732	—	—	—	—	—	—	—	—	5.24	1.17	—	—	—	—
MW-16A	MW-16A_10/23/2001D	10/23/2001	—	—	<1.00	<50.0	9.00	<3.00	—	—	<2.00	<2.00	5.00	<5.00	—	—	—	—	<20.0	<20.0
MW-16A	MW-16A_03/28/2002	3/28/2002	0.400	0.400	0.700	0.700	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<1.00	3.30	1.90	—	—	<1.00	<1.00
MW-16A	030606-MW-102	3/6/2006	—	0.300	—	0.500	—	—	—	<0.200	—	<0.200	—	1.10	—	1.10	—	—	—	<1.00
MW-16A	030606-MW-16A	3/6/2006	—	0.300	—	0.600	—	—	—	<0.200	—	<0.200	—	<0.500	—	1.00	—	—	—	<1.00
MW-16A	MW-105	8/14/2006	—	<0.200	—	0.500	—	—	—	<0.200	—	<0.200	—	<1.00	—	<0.500	—	—	—	<1.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<0.200	—	0.600	—	—	—	<0.200	—	<0.200	—	<1.00	—	<0.500	—	—	—	<1.00
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	0.742	0.653	—	—	—	—	—	—	—	—	4.19	1.90	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	0.300	0.400	0.800	0.800	—	—	<0.200	<0.200	<0.200	<0.200	0.600	<1.00	3.70	3.10	—	—	<1.00	<1.00
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	1.31	0.641	—	—	—	—	—	—	—	—	2.18	1.76	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	0.200	<0.200	2.20	2.90	—	—	0.200	0.200	<0.200	<0.200	15.0	13.0	11.5	10.3	—	—	2.00	<1.00
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	0.800	0.800	—	—	<0.200	<0.200	<0.200	<0.200	<2.00	<2.00	2.40	2.80	—	—	3.00	<1.00
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	1.11	0.977	—	—	—	—	—	—	—	—	1.93	8.16	—	—	—	—
MW-23A	MW-23A_10/23/2001D	10/23/2001	—	—	2.00	<50.0	19.0	7.00	—	—	<2.00	<2.00	<5.00	<5.00	—	—	—	—	<20.0	<20.0
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	0.600	0.600	—	—	<0.200	<0.200	<0.200	<0.200	<0.500	<0.500	2.10	2.30	—	—	<1.00	<1.00
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	0.618	0.453	—	—	—	—	—	—	—	—	2.28	1.35	—	—	—	—
MW-24A	MW-24A_10/23/2001D	10/23/2001	—	—	1.00	<50.0	14.0	12.0	—	—	<2.00	<2.00	<5.00	<5.00	—	—	—	—	<20.0	<20.0
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	1.00	1.20	—	—	<0.200	<0.200	<0.200	<0.200	1.10	<1.00	<0.500	0.700	—	—	<1.00	<1.00
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	1.54	0.615	—	—	—	—	—	—	—	—	<0.340	<0.340	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17800	—	—	—
MW-25A	MW-25A_10/23/2001D	10/23/2001	—	—	16.0	<50.0	17.0	16.0	—	—	<2.00	<2.00	<5.00	<5.00	—	—	—	—	<20.0	<20.0
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	26.2	26.8	—	—	<0.200	<0.200	<0.200	<0.200	1.50	<1.00	0.700	1.00	—	—	<1.00	<1.00
MW-25A	030206-MW-25A	3/2/2006	—	<0.200	—	3.30	—	—	—	<0.200	—	<0.200	—	0.600	—	0.500	—	—	—	<1.00
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<0.200	—	1.20	—	—	—	<0.200	—	<0.200	—	<2.00	—	<0.500	—	—	—	<1.00
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	4.16	0.746	—	—	—	—	—	—	—	—	<0.340	2.47	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14900	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	1.70	1.70	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<0.500	1.00	0.800	—	—	<1.00	<1.00
MW-26A	022706-MW-26A	2/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—	<0.200	—	1.50	—	—	<0.200	—	<0.200	—	2.00	—	1.80	—	330	—	—	<1.00
MW-26A	AHT-26A	2/27/2006	—	<0.200	—	2.10	—	—	<0.200	—	<0.200	—	<1.00	—	1.20	—	1580	—	—	<1.00
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<0.200	—	0.400	—	—	<0.200	—	<0.200	—	<0.500	—	1.30	9590	—	—	—	<1.00
MW-26A	101311-MW26A	10/13/2011	—	—	3.40	1.00	—	—	—	—	—	—	—	—	0.600	<0.500	—	—	0.200	<0.100
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	3.79	0.510	—	—	—	—	—	—	—	—	<0.340	<0.340	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.500	<1.00	<1.00	—	—	<1.00	<0.500	<0.200	<0.500	3.00	4.00	2.00	2.00	—	—	<1.00	<2.00
MW-26B	ALT-26B	2/27/2006	—	<0.200	—	1.00	—	—	<0.200	—	<0.200	—	4.00	—	2.40	—	1080	—	—	<1.00
MW-26B	022706-MW100	2/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26B	022706-MW26B	2/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	<0.200	—	1.00	—	—	<0.200	—	<0.200	—	3.80	—	1.70	—	1120	—	—	<1.00
MW-26B	AHT-MW-26B	2/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)																	
			Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Copper		Iron		Lead	
CAS			7440-36-0		7440-38-2		7440-39-3		7440-41-7		7440-43-9		7440-47-3		7440-50-8		7439-89-6		7439-92-1	
Preliminary Screening Level			90		8		200		4.38		1.19		0.06		3.1		—		8.1	
Dissolved Status			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
MW-26B	MW-103	8/7/2006	—	<0.200	—	0.600	—	—	—	<0.200	—	<0.200	—	3.80	—	2.50	—	—	—	<1.00
MW-26B	MW-103	8/7/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<0.200	—	0.500	—	—	—	<0.200	—	<0.200	—	3.70	—	2.50	—	—	—	<1.00
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	1.30	1.20	—	—	<0.200	<0.200	<0.200	<0.200	2.50	2.90	1.80	1.40	—	—	<1.00	<1.00
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	1.30	1.10	—	—	<0.200	<0.200	<0.200	<0.200	2.60	2.80	1.90	1.60	—	—	<1.00	<1.00
MW-26C	ALT-DUP	2/27/2006	—	<0.200	—	1.00	—	—	—	<0.200	—	<0.200	—	3.50	—	1.60	—	2140	—	<1.00
MW-26C	ALT-26C	2/27/2006	—	<0.200	—	1.00	—	—	—	<0.200	—	<0.200	—	5.00	—	1.70	—	2200	—	<1.00
MW-26C	022706-MW26C	2/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	<0.200	—	1.20	—	—	—	<0.200	—	<0.200	—	5.30	—	2.40	—	1410	—	<1.00
MW-26C	AHT-MW-26C	2/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<0.200	—	0.600	—	—	—	<0.200	—	<0.200	—	7.90	—	2.10	—	—	—	<1.00
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13000	—	—
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	0.600	0.600	—	—	<0.200	<0.200	<0.200	<0.200	0.800	<1.00	0.700	0.800	—	—	<1.00	<1.00
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	0.287	0.126J	—	—	—	—	—	—	—	—	<0.340	<0.340	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	0.303	0.118J	—	—	—	—	—	—	—	—	<0.340	<0.340	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10200	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	2.00	2.30	—	—	<0.200	<0.200	<0.200	<0.200	<2.00	<1.00	0.600	0.700	—	—	<1.00	<1.00
MW-28A	030306-MW-28A	3/3/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	<0.500	—	<0.500	—	730	—	<1.00
MW-28A	MW-104	8/11/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	<1.00	—	<0.500	14100	—	—	<1.00
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	<2.00	—	<0.500	14200	—	—	<1.00
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	2.92	0.459	—	—	—	—	—	—	—	—	3.44	1.13	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	1.20	1.70	—	—	<0.200	<0.200	<0.200	<0.200	3.00	<2.00	1.10	1.20	—	—	<1.00	<1.00
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	1.20	1.70	—	—	<0.200	<0.200	<0.200	<0.200	3.00	<2.00	1.20	1.20	—	—	<1.00	<1.00
MW-28B	030306-MW-101	3/3/2006	—	<0.200	—	0.500	—	—	—	<0.200	—	<0.200	—	<0.500	—	<0.500	—	2290	—	<1.00
MW-28B	030306-MW-28B	3/3/2006	—	<0.200	—	<0.500	—	—	—	<0.200	—	<0.200	—	1.40	—	0.700	—	—	—	<1.00
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<0.200	—	0.800	—	—	—	<0.200	—	<0.200	—	<2.00	—	<0.500	—	—	—	<1.00
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	0.795	0.413	—	—	—	—	—	—	—	—	1.03	0.349J	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9460	—	—
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	3.10	2.50	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<2.00	0.700	0.800	—	—	<1.00	<1.00
MW-29A	022706-MW-29A	2/27/2006	—	<0.200	—	1.40	—	—	—	<0.200	—	<0.200	—	2.40	—	1.10	—	1410	—	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<0.200	—	1.40	—	—	—	<0.200	—	<0.200	—	<1.00	—	0.500	12100	—	—	<1.00
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	3.90	0.713	—	—	—	—	—	—	—	—	1.85	<0.340	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	2.20	1.80	—	—	<0.200	<0.200	<0.200	<0.200	4.00	3.00	1.90	1.30	—	—	<1.00	2.00
MW-29B	022806-MW-29B	2/28/2006	—	<0.200	—	0.600	—	—	—	<0.200	—	<0.200	—	2.00	—	0.900	—	—	—	<1.00
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<0.200	—	<0.500	—	—	—	<0.200	—	<0.200	—	0.800	—	<0.500	—	—	—	<1.00
MW-29C	MW-29C_04/02/2002	4/2/2002	0.200	<0.200	5.50	6.30	—	—	<0.200	<0.200	<0.200	<0.200	2.60	2.70	2.80	1.60	—	—	<1.00	<1.00
MW-29C	022706-MW-29C	2/27/2006	—	<0.200	—	1.50	—	—	—	<0.200	—	<0.200	—	4.00	—	1.70	—	—	—	<1.00
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<0.200	—	2.90	—	—	—	<0.200	—	<0.200	—	20.7	—	5.00 U	—	—	—	1.00
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4150	—	—
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	0.700	0.700	—	—	<0.200	<0.200	<0.200	<0.200	6.00	6.00	2.80	1.20	—	3210	<1.00	<1.00
MW-30A	AHT-DUP	2/28/2006	—	<0.200	—	<0.500	—	—	—	<0.200	—	<0.200	—	3.10	—	0.700	—	800	—	<1.00
MW-30A	ALT-MW-30A	2/28/2006	—	<0.200	—	1.60	—	—	—	<0.200	—	<0.200	—	3.70	—	1.00	—	800	—	<1.00
MW-30A	022806-MW-30A	2/28/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-30A	AHT-MM-30A	2/28/2006	—	<0.200	—	1.10	—	—	—	<0.200	—	<0.200	—	3.20	—	0.600	—	780	—	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<0.200	—	0.600	—	—	—	<0.200	—	<0.200	—	4.00	—	<0.500	—	—	—	<1.00
MW-30A	092911-MW30A	9/29/2011	—	—	0.600	0.600	—	—	—	—	—	—	—	—	1.60	<0.500	—	—	0.200	<0.100

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)																	
			Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Copper		Iron		Lead	
CAS			7440-36-0		7440-38-2		7440-39-3		7440-41-7		7440-43-9		7440-47-3		7440-50-8		7439-89-6		7439-92-1	
Preliminary Screening Level			90		8		200		4.38		1.19		0.06		3.1		—		8.1	
Dissolved Status			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	0.387	0.391	—	—	—	—	—	—	—	—	3.17	1.38	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	0.200	<0.200	3.70	3.60	—	—	<0.200	<0.200	<0.200	<0.200	1.00	<1.00	0.900	0.700	18500	18900	<1.00	<1.00
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16300	15100	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	2.48	1.71	—	—	—	—	—	—	—	—	4.32	3.60	—	—	—	—
MW-32A	MW-32A_10232001D	10/23/2001	—	—	4.00	<50.0	20.0	15.0	—	—	<2.00	<2.00	<5.00	<5.00	—	—	—	—	<20.0	<20.0
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	2.30	2.30	—	—	<0.200	<0.200	<0.200	<0.200	0.700	<1.00	0.500	0.700	—	—	<1.00	<1.00
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	1.12	0.381	—	—	—	—	—	—	—	—	0.504	<0.340	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	2.60	2.50	—	—	<0.200	<0.200	<0.200	<0.200	4.00	1.60	1.60	0.900	—	—	<1.00	<1.00
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	6.60	0.604	—	—	—	—	—	—	—	—	4.14	1.11	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	0.200	0.200	1.20	1.60	—	—	<0.200	<0.200	<0.200	<0.200	<0.500	<0.500	0.800	1.00	—	—	<1.00	<1.00
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	1.45	1.37	—	—	—	—	—	—	—	—	1.55	1.32	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	1.45	1.34	—	—	—	—	—	—	—	—	1.52	1.35	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	2.20	2.00	—	—	<0.200	<0.200	<0.200	<0.200	<0.500	<0.500	2.20	2.20	—	—	<1.00	<1.00
MW-35A	022806-MW-35A	2/28/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	<1.00	—	1.10	—	310	—	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<0.200	—	0.400	—	—	—	<0.200	—	<0.200	—	<0.500	—	0.800	720	—	—	<1.00
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	1.59	0.251	—	—	—	—	—	—	—	—	7.86	1.42	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.500	8.00	5.00	—	—	<1.00	<0.500	<0.200	<0.500	<2.00	3.00	1.70	1.00	—	—	<1.00	<2.00
MW-35B	022806-MW-35B	2/28/2006	—	<0.200	—	2.70	—	—	—	<0.200	—	<0.200	—	0.900	—	0.600	—	—	—	<1.00
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<0.500	—	4.70	—	—	—	<0.200	—	<0.500	—	0.800	—	1.10	—	—	—	<2.00
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	0.900	0.900	—	—	<0.200	<0.200	<0.200	<0.200	<1.00	<1.00	2.80	3.10	—	—	<1.00	<1.00
MW-36A	022806-MW-36A	2/28/2006	—	<0.200	—	1.20	—	—	—	<0.200	—	<0.200	—	<1.00	—	4.70	—	—	—	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<0.200	—	1.10	—	—	—	<0.200	—	<0.200	—	<0.500	—	3.90	—	—	—	<1.00
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	0.323	0.280	—	—	—	—	—	—	—	—	7.25	6.82	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	0.200	<0.200	3.00	2.60	—	—	<0.200	<0.200	<0.200	<0.200	5.00	4.00	2.80	1.80	—	—	<1.00	<1.00
MW-36B	022806-MW-36B	2/28/2006	—	<0.200	—	0.800	—	—	—	<0.200	—	<0.200	—	5.00	—	3.30 U	—	—	—	<1.00
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<0.200	—	1.20	—	—	—	<0.200	—	<0.200	—	3.90	—	2.80	—	—	—	<1.00
MW-37A	MW-37A_03262002	3/26/2002	0.200	0.200	3.20	3.50	—	—	<0.200	<0.200	<0.200	<0.200	0.800	<0.500	1.70	0.800	—	—	<1.00	<1.00
MW-37A	092811-MW37A	9/28/2011	—	—	1.40	1.00	—	—	—	—	—	—	—	—	2.70	2.30	—	—	<0.100	<0.100
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	2.13	0.504	—	—	—	—	—	—	—	—	5.73	4.49	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	3.41	0.658	—	—	—	—	—	—	—	—	8.35	4.63	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	0.200	<0.200	3.40	2.60	—	—	<0.200	<0.200	<0.200	<0.200	4.00	3.00	2.60	1.80	—	—	<1.00	<1.00
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10800	10800	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12200	11700	—	—
MW-39A	030206-MW-39A	3/2/2006	—	0.400	—	3.30	—	—	<0.200	—	<0.200	—	0.800	—	14.7	—	—	—	—	<1.00
MW-39A	MW-39A_08/11/2006	8/11/2006	—	0.300	—	5.20	—	—	<0.200	—	<0.200	—	<1.00	—	21.3	170	—	—	—	<1.00
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11000	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	3.89	0.648	—	—	—	—	—	—	—	—	0.467J	<0.340	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	—	—	1.30	0.400	—	—	—	—	—	—	—	—	2.30	<0.500J	20700	—	0.300	<0.100J

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)																	
			Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Copper		Iron		Lead	
CAS			7440-36-0		7440-38-2		7440-39-3		7440-41-7		7440-43-9		7440-47-3		7440-50-8		7439-89-6		7439-92-1	
Preliminary Screening Level			90		8		200		4.38		1.19		0.06		3.1		—		8.1	
Dissolved Status			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
MW-40B	101111-MW300	10/11/2011	—	—	1.10	0.500	—	—	—	—	—	—	—	—	1.50	1.70J	—	—	0.200J	1.40J
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	0.510	0.192J	—	—	—	—	—	—	—	—	1.13	<0.340	—	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	<0.200	—	2.20	—	—	—	<0.200	—	<0.200	—	3.80	—	8.40	—	—	—	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<0.200	—	3.10	—	—	—	<0.200	—	<0.200	—	4.00	—	9.40	—	—	—	<1.00
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	1.83	1.73	—	—	—	—	—	—	—	—	17.0	16.6	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	<0.200	—	1.80	—	—	—	<0.200	—	<0.200	—	<0.500	—	1.30	—	—	—	<1.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<0.200	—	3.20	—	—	—	<0.200	—	<0.200	—	2.00	—	2.30	—	—	—	<1.00
MW-42A	MW-42A-1/31/2019	1/31/2019	—	—	—	1.70	—	—	—	—	—	—	—	—	2.86	1.58	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	—	0.800	0.800	—	—	—	—	—	—	—	—	2.90	1.90	330	—	1.60	<0.100
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	1.22	1.00	—	—	—	—	—	—	—	—	11.2	4.90	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	—	—	6.30	2.50	—	—	—	—	—	—	—	—	3.80	0.500	10200	—	0.900	<0.100
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	1.78	0.419	—	—	—	—	—	—	—	—	2.31	0.843	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	—	4.20	3.80	—	—	—	—	—	—	—	—	1.60	0.600	—	—	0.400	<0.100
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	2.10	0.0930J	—	—	—	—	—	—	—	—	1.35	0.938	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	—	2.10	0.600	—	—	—	—	—	—	—	—	2.60	<0.500	—	—	0.600	<0.100
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	0.686	0.568	—	—	—	—	—	—	—	—	2.05	2.02	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	—	—	2.70	1.00	—	—	—	—	—	—	—	—	1.90	<0.500	14900	—	0.400	<0.100
MW-47A	101311-MW700	10/13/2011	—	—	2.90	0.900	—	—	—	—	—	—	—	—	2.30	<0.500	—	—	0.400	<0.100
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	2.42	0.387	—	—	—	—	—	—	—	—	<0.340	<0.340	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	—	—	1.20	0.400	—	—	—	—	—	—	—	—	7.80	0.600	14500	—	1.20	<0.100
MW-48A	101111-MW48A	10/11/2011	—	—	8.70	3.40	—	—	—	—	—	—	—	—	4.60	1.40	10200	—	1.00	<0.100
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	30.5	6.83	—	—	—	—	—	—	—	—	0.626	<0.340	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	—	—	4.00	0.600	—	—	—	—	—	—	—	—	24.5	3.10	34900	—	3.30	0.100
MW-49A	101211-MW49A	10/12/2011	—	—	4.60	1.30	—	—	—	—	—	—	—	—	2.20J	0.800	19400	—	0.400J	<0.100
MW-49A	101211-MW500	10/12/2011	—	—	4.30	1.40	—	—	—	—	—	—	—	—	1.00J	0.700	—	—	0.100J	0.100
MW-49B	101211-MW49B	10/12/2011	—	—	0.900	<0.500	—	—	—	—	—	—	—	—	4.60	<0.500	24900	—	0.500	<0.100
N2	N2-RGW_4202004	4/20/2004	—	0.230J	—	4.21	—	—	<0.180	—	<0.200	—	2.32	—	0.480J	—	—	—	—	<0.190
N5	N5-RGW_3232004	3/23/2004	—	0.460J	—	3.54	—	—	<0.180	—	<0.200	—	1.09	—	6.50	—	—	—	—	<0.190
N6	N6-RGW_3232004	3/23/2004	—	0.290J	—	2.31	—	—	<0.180	—	<0.200	—	5.13	—	1.05	—	—	—	—	<0.190
P1	P1-RGW_4152004	4/15/2004	—	0.380J	—	1.19	—	—	<0.180	—	<0.200	—	1.52	—	7.98	—	—	—	—	<0.190
P3	P3-RGW_4122004	4/12/2004	—	0.170J	—	5.50	—	—	<0.180	—	<0.200	—	2.33	—	1.57	—	—	—	—	<0.190
R1	R1-RGW_422004	4/2/2004	—	0.860J	—	11.4	—	—	<0.180	—	<0.200	—	3.06	—	0.210J	—	—	—	—	<0.190
R3	R3-RGW_422004	4/2/2004	—	0.290J	—	7.82	—	—	<0.180	—	<0.200	—	2.37	—	4.49	—	—	—	—	<0.190
R5	R5-RGW_462004	4/6/2004	—	1.57J	—	0.400J	—	—	<0.180	—	<0.200	—	0.480J	—	0.640J	—	—	—	—	<0.190
R7	R7-RGW_452004	4/5/2004	—	0.140J	—	23.7	—	—	<0.180	—	<0.200	—	4.11	—	0.510J	—	—	—	—	<0.190
SWS-5	SWS-5-RGW_482004	4/8/2004	—	0.520J	—	5.64	—	—	<0.180	—	<0.200	—	6.25	—	8.42	—	—	—	—	0.310J
VET-B-RGW	VET-B-RGW	3/24/2004	—	<3.00	—	6.15	—	—	<1.00	—	<1.00	—	2.70	—	1.07	—	—	—	—	<1.00

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)													
			Magnesium		Manganese		Mercury, inorganic		Nickel		Selenium		Silver		Thallium	
CAS			7439-95-4	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6						
Preliminary Screening Level			—	100	0.03	8.2	71	1.9	0.06	81						
Dissolved Status			Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
A1	A1-RGW_4192004	4/19/2004	—	—	—	<0.0700	—	2.83	—	0.440J	—	<0.220	—	<0.190	—	11.1
B1	B1-RGW_3252004	3/25/2004	—	—	—	0.763	—	2.12	—	0.980J	—	<0.220	—	<0.190	—	6.21J
BOEING I-205	030206-MW-1	3/2/2006	—	—	—	<0.100	—	0.900	—	<0.500	—	<0.200	—	<0.200	—	<4.00
BOEING I-205	BOEING MW-1_08/08/2006	8/8/2006	—	—	—	<0.100	—	<0.500	—	<0.500	—	<0.200	—	<0.200	—	<4.00
BOEING I-206	030206-MW-2	3/2/2006	—	—	—	<0.100	—	1.20	—	0.800	—	<0.200	—	<0.200	—	<4.00
BOEING I-206	BOEING MW-2_08/08/2006	8/8/2006	—	—	—	<0.100	—	1.00	—	0.800	—	<0.200	—	<0.200	—	<4.00
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	—	—	<0.0700	—	1.27	—	<0.400	—	<0.220	—	<0.190	—	7.55J
F1	F1-RGW_3192004	3/19/2004	—	—	—	0.197J	—	1.36	—	<0.400	—	<0.220	—	<0.190	—	2.94J
F3	F3-RGW_3172004	3/17/2004	—	—	—	<0.0700	—	2.87	—	0.660J	—	<0.220	—	<0.190	—	3.88J
F5	F5-RGW_472004	4/7/2004	—	—	—	<0.0700	—	5.07	—	1.12	—	0.790J	—	<0.190	—	5.08J
FTF-1	FTF-1-RGW_472004	4/7/2004	—	—	—	<0.0700	—	1.22	—	0.880J	—	<0.220	—	<0.190	—	4.24J
G6	G6-RGW_3182004	3/18/2004	—	—	—	<0.0700	—	1.66	—	0.810J	—	<0.220	—	<0.190	—	5.85J
H3	H3-RGW_3172004	3/17/2004	—	—	—	<0.0700	—	0.680J	—	<0.400	—	<0.220	—	<0.190	—	3.78J
J4	J4-RGW_3182004	3/18/2004	—	—	—	<0.0700	—	1.18	—	0.850J	—	<0.220	—	<0.190	—	3.38J
K5	K5-RGW_412004	4/1/2004	—	—	—	<0.0700	—	1.01	—	<0.400	—	<0.220	—	<0.190	—	2.12J
L1	L1-RGW_4202004	4/20/2004	—	—	—	<0.0700	—	9.36	—	0.790J	—	<0.220	—	<0.190	—	271
L3	L3-RGW_3192004	3/19/2004	—	—	—	0.183J	—	2.71	—	0.970J	—	<0.220	—	<0.190	—	19.2
L6	L6-RGW_412004	4/1/2004	—	—	—	<0.0700	—	1.12	—	<0.400	—	<0.220	—	<0.190	—	4.65J
M7	M7-RGW_452004	4/5/2004	—	—	—	<0.0700	—	1.44	—	<0.400	—	0.440J	—	<0.190	—	5.50J
MW-1A	MW-1A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1A	MW-1A_03/28/2002	3/28/2002	13.0	—	<0.100	<0.100	1.10	1.00	0.900	<2.00	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-1A	030606-MW-1A	3/6/2006	—	—	—	<0.100	—	0.800	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-1A	MW-1A_08/14/2006	8/14/2006	—	—	—	<0.100	—	0.700	—	0.900	—	<0.200	—	<0.200	—	<4.00
MW-1A	MW-01A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4A	MW-4A_03/28/2002	3/28/2002	—	—	<0.100	<0.100	0.700	0.600	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	5.00	<4.00
MW-6A	MW-6A_03/28/2002	3/28/2002	—	—	<0.100	<0.100	0.800	<0.500	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-6A	MW-06A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	27.0	—	<0.100	<0.100	1.20	0.900	1.60	1.90	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-7A	030206-MW-7A	3/2/2006	—	—	—	<0.100	—	<0.500	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-7A	MW-7A_08/10/2006	8/10/2006	—	—	—	<0.100	—	0.800	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	—	<0.100	<0.100	8.10	1.70	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	12.0	5.00
MW-8A	030306-MW-8A	3/3/2006	—	—	—	<0.100	—	2.50	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-8A	MW-8A_08/14/2006	8/14/2006	—	—	—	<0.100	—	2.70	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8B	MW-8B_03/28/2002	3/28/2002	—	—	<0.100	<0.100	1.90	1.80	0.800	0.700	<0.500	<0.500	<0.200	<0.200	4.00	4.00
MW-8B	030606-MW-8B	3/6/2006	—	—	—	<0.100	—	2.00	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-8B	MW-8B_08/14/2006	8/14/2006	—	—	—	<0.100	—	<0.500	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-9A	MW-9A_03/27/2002	3/27/2002	10.9	—	<0.100	<0.100	4.00	4.30	<0.500	0.700	<0.500	<0.500	<0.200	<0.200	<4.00	5.00
MW-9A	030306-MW-9A	3/3/2006	—	—	—	<0.100	—	3.80	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-9A	MW-09A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	3.20	3.40	0.600	<0.500	<0.500	<0.500	<0.200	<0.200	<4.00	5.00
MW-11A	030306-MW-11A	3/3/2006	—	—	—	<0.100	—	46.7	—	<0.500	—	<0.200	—	<0.200	—	59.0
MW-11A	MW-11A_08/11/2006	8/11/2006	—	—	—	<0.100	—	18.3	—	<0.500	—	<0.200	—	<0.200	—	18.0
MW-12A	MW-12A_03262002	3/26/2002	—	—	<0.100	<0.100	2.50	2.50	0.800	0.800	<0.500	<0.500	<0.200	<0.200	5.00	<4.00
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)													
			Magnesium		Manganese		Mercury, inorganic		Nickel		Selenium		Silver		Thallium	
CAS			7439-95-4	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6						
Preliminary Screening Level			—	100	0.03	8.2	71	1.9	0.06	81						
Dissolved Status			Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
MW-14A	MW-14A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	33.2	—	<0.100	<0.100	4.60	4.30	0.700	1.40	<0.500	<0.500	<0.200	<0.200	6.00	5.00
MW-14A	MW-101A	3/27/2002	34.4	—	<0.100	<0.100	5.10	5.40	<2.00	1.50	<0.500	<0.500	<0.200	<0.200	<4.00	5.00
MW-14A	030306-MW-14A	3/3/2006	—	—	<0.100	—	6.50	—	<2.00	—	<0.200	—	<0.200	—	—	8.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—	—	<0.100	—	3.40	—	0.700	—	<0.200	—	<0.200	—	—	<4.00
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	1.40	1.30	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	4.00	4.00
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A_10232001D	10/23/2001	—	—	<0.100	<0.100	—	—	<50.0	<50.0	<3.00	<3.00	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—	—	<0.100	<0.100	1.80	1.70	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	6.00	4.00
MW-16A	030606-MW-102	3/6/2006	—	—	<0.100	—	1.40	—	<0.500	—	<0.200	—	<0.200	—	—	8.00
MW-16A	030606-MW-16A	3/6/2006	—	—	<0.100	—	1.30	—	<0.500	—	<0.200	—	<0.200	—	—	8.00
MW-16A	MW-105	8/14/2006	—	—	<0.100	—	1.00	—	<0.500	—	<0.200	—	<0.200	—	—	<4.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—	—	<0.100	—	1.00	—	<0.500	—	<0.200	—	<0.200	—	—	<4.00
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	2.90	3.00	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	5.00	7.00
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—	—	<0.100	<0.100	2.30	2.00	<2.00	4.20	<0.500	<0.500	<0.200	<0.200	30.0	7.00
MW-22A	MW-22A_03/28/2002	3/28/2002	—	—	<0.100	<0.100	2.20	1.20	0.700	0.800	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A_10232001D	10/23/2001	—	—	<0.100	<0.100	—	—	<50.0	<50.0	<3.00	<3.00	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	2.50	2.10	0.600	0.900	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_10232001D	10/23/2001	—	—	<0.100	<0.100	—	—	<50.0	<50.0	<3.00	<3.00	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	1.10	0.900	<0.500	0.500	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_10232001D	10/23/2001	—	—	<0.100	<0.100	—	—	<50.0	<50.0	<3.00	<3.00	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	1.20	1.10	<0.500	0.800	<0.500	<0.500	<0.200	<0.200	19.0	20.0
MW-25A	030206-MW-25A	3/2/2006	—	—	<0.100	—	0.800	—	<0.500	—	<0.200	—	<0.200	—	—	7.00
MW-25A	MW-25A_08/10/2006	8/10/2006	—	—	<0.100	—	1.00	—	<0.500	—	<0.200	—	<0.200	—	—	<4.00
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	16.2	—	<0.100	<0.100	1.90	1.70	0.500	<0.500	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-26A	022706-MW-26A	2/27/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—	—	—	—	—	1.70	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-26A	AHT-26A	2/27/2006	—	—	—	—	—	1.50	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-26A	MW-26A_08/07/2006	8/7/2006	—	—	<0.100	—	2.00	—	<0.500	—	<0.200	—	<0.200	—	—	<4.00
MW-26A	101311-MW26A	10/13/2011	—	—	<0.100	<0.100	1.10	0.900	—	—	<0.200	<0.200	—	—	<4.00	<4.00
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	—	<0.100	<0.100	3.30	3.00	6.00	<5.00	<0.500	<1.00	<0.200	<0.500	<4.00	<10.0
MW-26B	ALT-26B	2/27/2006	—	—	—	—	—	1.80	—	4.00	—	<0.200	—	<0.200	—	<4.00
MW-26B	022706-MW100	2/27/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—
MW-26B	022706-MW26B	2/27/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	—	—	—	—	1.80	—	5.00	—	<0.200	—	<0.200	—	<4.00
MW-26B	AHT-MW-26B	2/27/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)													
			Magnesium		Manganese		Mercury, inorganic		Nickel		Selenium		Silver		Thallium	
CAS			7439-95-4	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6						
Preliminary Screening Level			—	100	0.03	8.2	71	1.9	0.06	81						
Dissolved Status			Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
MW-26B	MW-103	8/7/2006	—	—	—	<0.0200	—	1.60	—	2.00	—	<0.200	—	<0.200	—	<4.00
MW-26B	MW-103	8/7/2006	—	—	—	<0.100	—	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_08/07/2006	8/7/2006	—	—	—	<0.100	—	1.60	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-26C	MW-26C_03/29/2002	3/29/2002	27.4	—	—	<0.100	<0.100	0.900	0.700	4.00	5.00	<0.500	<0.500	<0.200	<0.200	<4.00
MW-26C	MW-103C	3/29/2002	28.0	—	—	<0.100	<0.100	0.900	0.700	5.00	5.00	<0.500	<0.500	<0.200	<0.200	4.00
MW-26C	ALT-DUP	2/27/2006	—	—	—	—	—	1.60	—	4.00	—	<0.200	—	<0.200	—	<4.00
MW-26C	ALT-26C	2/27/2006	—	—	—	—	—	1.90	—	3.00	—	<0.200	—	<0.200	—	<4.00
MW-26C	022706-MW26C	2/27/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	—	—	—	—	3.30	—	3.00	—	<0.200	—	<0.200	—	<4.00
MW-26C	AHT-MW-26C	2/27/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_08/07/2006	8/7/2006	—	—	—	<0.100	—	5.50	—	<2.00	—	0.200	—	<0.200	—	5.00
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	—	—	—	<0.100	<0.100	0.800	0.700	0.600	0.600	<0.500	<0.500	<0.200	<0.200	<4.00
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	11.2	—	—	<0.100	<0.100	1.10	1.20	<0.500	0.600	<0.500	<0.500	<0.200	<0.200	<4.00
MW-28A	030306-MW-28A	3/3/2006	—	—	—	<0.100	—	1.20	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-28A	MW-104	8/11/2006	—	—	—	<0.100	—	0.800	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-28A	MW-28A_08/11/2006	8/11/2006	—	—	—	<0.100	—	0.800	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-28A	MW-28A-1/29/2019	1/29/2019	—	600	—	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	21.6	—	—	<0.100	<0.100	1.20	1.30	<2.00	3.00	<0.500	<0.500	<0.200	<0.200	<4.00
MW-28B	MW-102B	3/28/2002	21.8	—	—	<0.100	<0.100	1.30	1.20	<2.00	3.00	<0.500	<0.500	<0.200	<0.200	5.00
MW-28B	030306-MW-101	3/3/2006	—	—	—	<0.100	—	1.20	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-28B	030306-MW-28B	3/3/2006	—	—	—	<0.100	—	1.00	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-28B	MW-28B_08/11/2006	8/11/2006	—	—	—	<0.100	—	0.900	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	17.0	—	—	<0.100	<0.100	2.40	3.00	<0.500	<0.500	<2.00	<0.500	<0.200	<0.200	<4.00
MW-29A	022706-MW-29A	2/27/2006	—	—	—	<0.0200	—	1.80	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-29A	MW-29A_08/08/2006	8/8/2006	—	—	—	<0.100	—	1.30	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-29A	MW-29A-1/31/2019	1/31/2019	—	788	—	—	—	—	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	—	—	—	<0.100	<0.100	1.50	1.30	<2.00	<2.00	<0.500	<0.500	<0.200	<0.200	<4.00
MW-29B	022806-MW-29B	2/28/2006	—	—	—	<0.0200	—	0.900	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-29B	MW-29B_08/10/2006	8/10/2006	—	—	—	<0.100	—	1.10	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-29C	MW-29C_04/02/2002	4/2/2002	—	—	—	<0.100	<0.100	1.40	1.10	<2.00	6.00	<0.500	<0.500	<0.200	<0.200	8.00
MW-29C	022706-MW-29C	2/27/2006	—	—	—	<0.0200	—	1.20	—	2.00	—	<0.200	—	<0.200	—	<4.00
MW-29C	MW-29C_08/07/2006	8/7/2006	—	—	—	<0.100	—	20.2	—	<2.00	—	<0.200	—	<0.200	—	7.00
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	33.9	—	—	<0.100	<0.100	1.50	1.30	<2.00	<2.00	<0.500	<0.500	<0.200	<0.200	<4.00
MW-30A	AHT-DUP	2/28/2006	—	—	—	—	—	1.60	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-30A	ALT-MW-30A	2/28/2006	—	—	—	—	—	2.10	—	5.00	—	<0.200	—	<0.200	—	<4.00
MW-30A	022806-MW-30A	2/28/2006	—	—	—	<0.0200	—	—	—	—	—	—	—	—	—	—
MW-30A	AHT-MM-30A	2/28/2006	—	—	—	—	—	1.50	—	4.00	—	<0.200	—	<0.200	—	<4.00
MW-30A	MW-30A_08/10/2006	8/10/2006	—	—	—	<0.100	—	1.60	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-30A	092911-MW30A	9/29/2011	—	—	—	<0.100	<0.100	4.50	4.30	—	—	<0.200	<0.200	—	7.00	<4.00

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)													
			Magnesium		Manganese		Mercury, inorganic		Nickel		Selenium		Silver		Thallium	
CAS			7439-95-4	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6						
Preliminary Screening Level			—	100	0.03	8.2	71	1.9	0.06	81						
Dissolved Status			Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	—	<0.100	<0.100	1.90	1.80	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-31A	MW-31A	5/15/2002	—	947	908	—	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_10232001D	10/23/2001	—	—	<0.100	<0.100	—	—	<50.0	<50.0	<3.00	<3.00	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	1.00	0.900	<0.500	0.600	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	—	<0.100	<0.100	2.50	2.40	0.900	1.00	<0.500	<0.500	<0.200	<0.200	8.00	5.00
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—	—	<0.100	<0.100	1.10	1.20	<0.500	<0.500	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-34A	MW-34A-1/30/2019	1/30/2019	—	4.33	—	—	—	—	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	4.25	—	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—	—	<0.100	<0.100	2.90	2.70	0.600	<0.500	<0.500	<0.500	<0.200	<0.200	<4.00	4.00
MW-35A	022806-MW-35A	2/28/2006	—	—	—	<0.0200	—	1.80	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-35A	MW-35A_08/08/2006	8/8/2006	—	—	—	<0.100	—	1.10	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-35A	MW-35A-1/23/2019	1/23/2019	—	266	—	—	—	—	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—	—	<0.100	<0.100	6.00	4.00	20.0	16.0	<0.500	<1.00	<0.200	<0.500	<20.0	<10.0
MW-35B	022806-MW-35B	2/28/2006	—	—	—	<0.0200	—	3.20	—	5.00	—	<0.200	—	<0.200	—	<4.00
MW-35B	MW-35B_08/08/2006	8/8/2006	—	—	—	<0.100	—	3.70	—	6.00	—	0.600	—	<0.500	—	<4.00
MW-36A	MW-36A_03262002	3/26/2002	—	—	<0.100	<0.100	2.90	2.60	0.900	0.700	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-36A	022806-MW-36A	2/28/2006	—	—	—	<0.0200	—	2.30	—	1.00	—	<0.200	—	<0.200	—	<4.00
MW-36A	MW-36A_08/10/2006	8/10/2006	—	—	—	<0.100	—	2.40	—	0.700	—	<0.200	—	<0.200	—	<4.00
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	—	—	<0.100	<0.100	1.60	1.20	5.00	<2.00	<0.500	<0.500	<0.200	<0.200	5.00	<4.00
MW-36B	022806-MW-36B	2/28/2006	—	—	—	<0.0200	—	1.50	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-36B	MW-36B_08/08/2006	8/8/2006	—	—	—	<0.100	—	1.30	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-37A	MW-37A_03262002	3/26/2002	—	—	<0.100	<0.100	2.20	1.70	0.900	1.50	<0.500	<0.500	<0.200	<0.200	6.00	<4.00
MW-37A	092811-MW37A	9/28/2011	—	—	<0.100	<0.100	2.10	2.20	—	—	<0.200	<0.200	—	—	8.00	8.00
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	—	—	<0.100	<0.100	1.70	1.30	3.00	<2.00	<0.500	<0.500	<0.200	<0.200	<4.00	<4.00
MW-38A	MW-38A	5/15/2002	—	797	811	—	—	—	—	—	—	—	—	—	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	918	903	—	—	—	—	—	—	—	—	—	—	—
MW-39A	030206-MW-39A	3/2/2006	—	—	—	<0.100	—	4.40	—	0.900	—	<0.200	—	<0.200	—	<4.00
MW-39A	MW-39A_08/11/2006	8/11/2006	—	—	—	<0.100	—	4.50	—	<2.00	—	<0.200	—	<0.200	—	<4.00
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	—	—	<0.100	<0.100	1.00	0.700	—	—	<0.200	<0.200	—	—	<4.00	<4.00

Table B-3 - Metals in Groundwater

Sample Location	Sample Name	Sample Date	Metal's (micrograms per liter)														
			Magnesium		Manganese		Mercury, inorganic		Nickel		Selenium		Silver		Thallium		Zinc
CAS			7439-95-4	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-66-6							
Preliminary Screening Level			—	100	0.03	8.2	71	1.9	0.06	81							
Dissolved Status			Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	
MW-40B	101111-MW300	10/11/2011	—	—	—	<0.100	<0.100	0.900	0.800	—	—	<0.200	<0.200	—	—	<4.00	<4.00
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	—	—	<0.100	<0.100	—	6.60	—	0.900	—	<0.200	—	<0.200	—	8.00
MW-41A	MW-41A_08/11/2006	8/11/2006	—	—	—	<0.100	<0.100	—	5.70	—	0.700	—	<0.200	—	<0.200	—	6.00
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	—	—	<0.100	<0.100	—	1.30	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—	—	—	<0.100	<0.100	—	0.600	—	<0.500	—	<0.200	—	<0.200	—	<4.00
MW-42A	MW-42A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	—	—	<0.100	<0.100	4.80	4.20	—	—	<0.200	<0.200	—	—	13.0	9.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	—	—	—	<0.100	<0.100	2.30	1.20	—	—	<0.200J	<0.200	—	—	7.00J	12.0J
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	—	—	<0.100	<0.100	3.40	3.00	—	—	<0.200	<0.200	—	—	8.00	8.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—	74.9	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	—	—	<0.100	<0.100	4.20	3.10	—	—	<0.200	<0.200	—	—	11.0	6.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	—	—	—	<0.100	<0.100	2.90	1.90	—	—	<0.200	<0.200	—	—	5.00	<4.00
MW-47A	101311-MW700	10/13/2011	—	—	—	<0.100	<0.100	3.00	2.00	—	—	<0.200	<0.200	—	—	5.00	<4.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	—	—	—	<0.100	<0.100	3.40	2.00	—	—	<0.200	<0.200	—	—	8.00	<4.00
MW-48A	101111-MW48A	10/11/2011	—	—	—	<0.100	<0.100	4.00	2.80	—	—	<0.200	<0.200	—	—	10.0	<4.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—	2090	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	—	—	—	<0.100	<0.100	9.20	1.40	—	—	<0.200	<0.200	—	—	31.0	<4.00
MW-49A	101211-MW49A	10/12/2011	—	—	—	<0.100	<0.100	1.80	1.20	—	—	<0.200	<0.200	—	—	6.00	5.00
MW-49A	101211-MW500	10/12/2011	—	—	—	<0.100	<0.100	1.20	1.20	—	—	<0.200	<0.200	—	—	4.00	<4.00
MW-49B	101211-MW49B	10/12/2011	—	—	—	<0.100	<0.100	2.10	1.20	—	—	<0.200	<0.200	—	—	10.0	6.00
N2	N2-RGW_4202004	4/20/2004	—	—	—	<0.0700	<0.0700	—	1.79	—	0.760J	—	<0.220	—	<0.190	—	11.4
N5	N5-RGW_3232004	3/23/2004	—	—	—	<0.0700	<0.0700	—	5.73	—	2.69	—	<0.220	—	0.240J	—	5.48J
N6	N6-RGW_3232004	3/23/2004	—	—	—	<0.0700	<0.0700	—	1.11	—	1.26	—	<0.220	—	<0.190	—	3.31J
P1	P1-RGW_4152004	4/15/2004	—	—	—	0.0758J	0.0758J	—	2.64	—	1.88	—	<0.220	—	<0.190	—	5.56J
P3	P3-RGW_4122004	4/12/2004	—	—	—	<0.0700	<0.0700	—	1.71	—	1.07	—	<0.220	—	<0.190	—	8.66J
R1	R1-RGW_422004	4/2/2004	—	—	—	0.117J	0.117J	—	1.45	—	0.730J	—	0.820J	—	<0.190	—	4.55J
R3	R3-RGW_422004	4/2/2004	—	—	—	0.0845J	0.0845J	—	2.10	—	0.780J	—	0.230J	—	<0.190	—	6.80J
R5	R5-RGW_462004	4/6/2004	—	—	—	<0.0700	<0.0700	—	2.22	—	0.570J	—	0.300J	—	<0.190	—	3.08J
R7	R7-RGW_452004	4/5/2004	—	—	—	<0.0700	<0.0700	—	1.40	—	0.620J	—	0.470J	—	<0.190	—	3.76J
SWS-5	SWS-5-RGW_482004	4/8/2004	—	—	—	<0.0700	<0.0700	—	2.86	—	1.79	—	0.320J	—	<0.190	—	4.47J
VET-B-RGW	VET-B-RGW	3/24/2004	—	—	—	<0.200	<0.200	—	4.50	—	<1.00	—	<1.00	—	<1.00	—	10.0

Notes:
Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway bas
Bold indicates analyte detected
Orange indicates value is above the preliminary screening level
Blue indicates method reporting limit greater than screening level
D - sample diluted
J - estimated concentration above the method detection limit but below the method reporting limit
R - sample result rejected due to being non detect and having no surrogate recovery
Y - estimated concentration

Table B-4 - Total Petroleum Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)		
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons
CAS				68334-30-5	TPH-LO	86290-81-5
Preliminary Screening Level				2,000	2,000	100
A	A	3/17/2004	2'	59.2	143	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	31.5	136	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	158	486	—
B1-9	B1-9_01/30/2000	1/30/2000	0'-9'	12.0	18.0	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	<12.6	<31.5	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	<11.3	<28.2	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	<11.3	<28.3	—
B9	B9-3	3/20/1999	2.5'-3'	<5.30	<11.0	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	31.7	50.5	<5.97
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<10.6	<26.4	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<11.9	<29.7	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<10.4	<25.9	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	2,300	5,000	—
BY-1	BY-1-1-3	2/22/2002	1'-3'	660	980	—
BY-3	BY-3-0-0.5	2/21/2002	0'-0.5'	270	1,600	—
BY-4	BY-4-0-2	2/21/2002	0'-2'	580	3,100	—
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	19.0	39.0	—
BY-6	BY-6-0-1	2/22/2002	0'-1'	360	2,000	—
C	C	3/17/2004	2'	71.3	226	—
C0	CO-0.5-2	3/30/2004	0.5'-2'	<12.6	<31.5	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	379	769	—
C2	SD-101	3/25/2004	0.5'-2'	200	592	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	543	1180	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	140	480	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	11.7	<26.7	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	34.7	176	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	83.9	403	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<10.8	<27.1	—
D	D	3/17/2004	2'	<11.5	<28.7	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	38.6	152	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	60.7	123	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	19.0	46.4	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	278	431	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	29.2	87.8	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	<11.8	<29.5	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	80.8	112	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	315	2,640	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	20.0	52.0	<7.90
DG11-12	DG11-12-1	9/13/2011	1'-2'	1700	730	14,000
DG11-12	DG11-12-2	9/13/2011	2'-3'	680J	210J	14,000J
E0	EO-0.5-2	3/31/2004	0.5'-2'	16.8	39.9	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	34.5	141	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	11.6	<28.5	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	37.0	149	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	<12.0	<30.0	—

Table B-4 - Total Petroleum Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)		
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons
				CAS 68334-30-5	TPH-LO	86290-81-5
			Preliminary Screening Level	2,000	2,000	100
E6	E6-0.5-2	3/19/2004	0.5'-2'	34.3	101	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	140	969	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	1820D	4,490D	—
EH4-B-3	EH4-B-3_8162004	8/16/2004	3'	4.66J	5.47J	0.843J
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	22.1J	153	10.5
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	54.1J	537	1.94J
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	37.8J	374	2.69J
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	55.4J	556	3.29J
F0	FO-0.5-2	3/30/2004	0.5'-2'	16.7	57.1	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	19.2	73.5	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	419	1230	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	12.7	47.3	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	32.3	152	—
F5	SD-103	4/7/2004	1'-2.5'	<10.7	<26.8	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	<11.1	<27.8	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	123	522	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	317	494	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	334	1140	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	243	543	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	216	486	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	148	289	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	2170	4,250	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<12.6	<31.5	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	118	580	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	937	5,200	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<10.2	<25.4	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<10.2	<25.4	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	20.7	57.5	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	<11.3	<28.1	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	<11.2	<27.9	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	28.6	126	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	129	528	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	28.2	38.2	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	<11.7	<29.3	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	171	1130	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	<11.4	<28.4	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<10.6	<26.5	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	<10.6	43.7	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	28.9	85.7	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	14.2	37.4	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	<11.4	<28.6	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	67.5	339	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	<10.9	<27.3	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	<10.5	30.3	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	11.5	33.1	—

Table B-4 - Total Petroleum Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)		
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons
CAS				68334-30-5	TPH-LO	86290-81-5
Preliminary Screening Level				2,000	2,000	100
J4	J4-0.5-2	3/18/2004	0.5'-2'	86.6	97.1	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	11.8	<29.0	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	<11.3	<28.2	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	30.4	121	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	<10.2	<25.6	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	21.5	<26.0	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	19.9	29.4	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	<11.3	<28.3	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	19.7	77.7	—
K6	K6-0.5-2	3/23/2004	0.5'-2'	40.6	181	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	46.4	231	—
L0	L0-0.5-2	3/26/2004	0.5'-2'	<11.7	<29.1	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	<10.3	59.3	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	<10.5	<26.3	—
L3	SD-107	3/19/2004	0.5'-2'	17.1	38.6	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	<10.4	<25.9	—
L5	L5-1-3	4/1/2004	1'-3'	50.6	249	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	<10.9	<27.3	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	<11.0	<27.5	—
M0	M0-0.5-2	3/26/2004	0.5'-2'	27.7	270	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	<10.5	<26.2	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	41.2	56.5	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	<11.1	<27.7	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	<10.6	<26.6	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	32.3	62.4	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	14.9	59.4	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	46.6	218	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	10.4	<25.5	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	35.5	33.6	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<5.50	<11.0	<8.00
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<5.20J	<10.0	<8.20
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<6.10	<12.0	<8.50
N0	N0-0.5-2	3/26/2004	0.5'-2'	<11.7	<29.3	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	<11.9	<29.8	—
N2	N2-1-2	4/20/2004	1'-2'	132	120	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	<11.7	<29.1	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	<13.3	<33.3	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	291	723	—
N6	SD-108	3/23/2004	0.5'-2'	184	907	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	32.2	154	—
NA-2	NA-2-1-3	2/20/2002	1'-3'	31.0	79.0	—
NA-5	NA-5-1-3	2/20/2002	1'-3'	<5.00	15.0	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<10.3	<25.8	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	<13.1	<32.9	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	<13.1	<32.8	—

Table B-4 - Total Petroleum Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)		
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons
CAS				68334-30-5	TPH-LO	86290-81-5
Preliminary Screening Level				2,000	2,000	100
P2	P2-1-2.5	4/12/2004	1'-2.5'	55.3	48.2	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	<13.1	<32.8	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	14.1	<32.3	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	90.7	473	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	17.8	55.8	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	16.2	58.7	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	11.9	37.4	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	151	575	—
Q2	SD-109	4/6/2004	1'-2.5'	<13.0	<32.5	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<14.3	<35.9	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<13.9	<34.8	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	12.6	<30.0	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	86.4	271	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	101	316	<5.54
R1	R1-1-2.5	4/2/2004	1'-2.5'	85.0	310	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	29.3	40.9	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	53.7	149	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	<15.3	<38.3	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	21.3	75.3	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	24.9	70.1	—
R6	R6-0.5-2	4/6/2004	0.5'-2'	43.7	148	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	<11.0	30.2	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<13.3	<33.3	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	31.5	97.1	—
S-1	S1_04181995	4/18/1995	3'	46.0	—	—
S-12	S12_04181995	4/18/1995	3'	2.00	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	<6.70	<13.0	—
S-13	S13_04181995	4/18/1995	3'	5.00	—	—
S1-5	S1-5_01/29/2000	1/29/2000	0'-5'	53.0	150	—
S2	S2-3_03/17/2000	3/17/2000	3'	<5.30	<11.0	—
S3	S3-3_03/17/2000	3/17/2000	3'	<5.20	<10.0	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	28.1	183	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	16.3	44.2	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	43.3	160	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	24.6	73.1	—
SFA-1	SFA-1-0.5-2_3292004	3/29/2004	0.5'-2'	17.2	53.8	—
SFA-2	SFA-2-0.5-2_3292004	3/29/2004	0.5'-2'	29.7	99.7	—
SFA-3	SFA-3-1-2_3292004	3/29/2004	1'-2'	1.91J	3.77J	—
SFA-4	SFA-4-1-2.5_3292004	3/29/2004	1'-2.5'	19.9	72.6	—
SFA-5	SFA-5-0.5-2_3292004	3/29/2004	0.5'-2'	29.8	92.7	—
SFA-6	SFA-6-0.5-1.5_3292004	3/29/2004	0.5'-1.5'	5.32J	3.36J	—
SFA-7	SFA-7-1-2_3292004	3/29/2004	1'-2'	17.6	46.8	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	51.9	178	0.599J
SFA-N15-3	SFA-N15-3_822004	8/2/2004	3'	42.1	178	—
SFA-S15-3	SFA-S15-3_822004	8/2/2004	3'	32.2	179	—

Table B-4 - Total Petroleum Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)		
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons
CAS				68334-30-5	TPH-LO	86290-81-5
Preliminary Screening Level				2,000	2,000	100
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<11.3	<28.3	—
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	59.3	197	<5.92
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	37.2	188	<5.48
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	27.7	179	—
SWS-4	SD-111	4/8/2004	0.5'-2'	29.6	134	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	34.2	37.9	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	80.1	277	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<11.8	<29.5	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	45.1	138	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	<11.2	<28.0	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	27.1	90.7	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	<11.8	<29.6	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	432	667	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	12.7	<31.8	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	96.4	223	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	62.6	143	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	153	476D	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	26.0	140	—
WP-4	WP-4-1-2	2/26/2002	1'-2'	<5.00	<10.0	—
WP-5	WP-5-1-2	2/26/2002	1'-2'	38.0	72.0	—
WP-6	WP-6-1-2	2/26/2002	1'-2'	11.0	21.0	—

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable unsaturated soil

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-5 - Total Petroleum Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)			
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons	Propylene Glycol
				CAS 68334-30-5 Preliminary Screening Level	TPH-LO 2,000	86290-81-5 100	57-55-6 —
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	<5.36	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	724	1,710	5,180	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	<6.26	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	<5.70	<11.0	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	<12.4	<31.1	—	—
B2	B2-10	3/20/1999	10'	<6.20	<12.0	—	<5.00
B2	B2-15	3/20/1999	15'	<6.10	<12.0	—	<5.00
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	<5.30	<11.0	—	<5.00
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	<6.10	<12.0	—	<5.00
B4	B4-5	3/20/1999	5'	<5.90	<12.0	—	—
B5	B5-10	3/20/1999	9.5'-10'	53.0	490	—	—
B5	B5-15	3/20/1999	14.5'-15'	<6.20	<12.0	—	—
B6	B6-10	3/20/1999	9.5'-10'	46.0	610	—	—
B6	B6-4-6	3/26/2003	4'-6'	<11.2	<27.9	—	—
B6	B6-5	3/20/1999	4.5'-5'	270	1,500	—	—
B7	B7-4-6	3/26/2003	4'-6'	14.7	38.4	—	—
B7	B7-5	3/20/1999	4.5'-5'	11.0	67.0	—	—
B7	B7-15	3/20/1999	14.5'-15'	—	32.0	—	—
B8	B8-5	3/20/1999	4.5'-5'	<5.50	27.0	—	—
B8	B8-7-8.5	3/26/2003	7'-8.5'	<12.4	<31.0	—	—
B8	B8-15	3/20/1999	14.5'-15'	<6.60	19.0	—	—
B10	B10-6-8	3/26/2003	6'-8'	22.7	99.9	—	—
B10	B10-10-12	3/26/2003	10'-12'	<12.9	<32.3	—	—
B11	B11-10-12	3/26/2003	10'-12'	21.5	75.7	—	—
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	21.5	<30.2	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	<13.1	<32.7	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	1,220	1,400	13.8	—
BPH-3	BPH-3-7-8.5	3/26/2004	7'-8.5'	<11.6	<29.1	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	<11.0	<27.4	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	<13.3	<33.3	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	440	1,100	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	220	530	—	—
BY-4	BY-4-4-6	2/21/2002	4'-6'	44.0	130	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	440	1,200	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	260	470	—	—
C6	C6-8.5-10	4/9/2004	8.5'-10'	119	223	<5.81	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	26.1	126	—	—
CENTER-1	CENTER-1	4/1/2004	7'	212	693D	—	—
CENTER-2	CENTER-2	4/1/2004	7'	<12.9	<32.1	—	—
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	<11.5	<28.7	<5.77	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	<11.8	<29.5	<5.93	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	<11.8	<29.5	<5.83	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	<12.0	<30.1	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	<11.5	<28.8	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	83.5	514	<5.72	—
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	<5.00	<10.0	<6.30	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	6.80	<12.0	<7.50	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	46.0	180	—	—
DS-2	DS-2-3-5	2/22/2002	3'-5'	74.0	230	—	—
DS-2	DS-2-6-8	2/22/2002	6'-8'	430	980	—	—

Table B-5 - Total Petroleum Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)			
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons	Propylene Glycol
				68334-30-5	TPH-LO	86290-81-5	57-55-6
			CAS				
			Preliminary Screening Level	2,000	2,000	100	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	<12.4	<31.0	—	—
E2-B1-12	E2-B1-12_20030307	3/7/2003	12'	23.8	49.4	—	—
E2-B2-7	E2-B2-7_20030313	3/13/2003	7'	17.2	74.8	—	—
E2-S1-8	E2-S1-8_20030307	3/7/2003	8'	1,220D	266	—	—
E2-S2-9	E2-S2-9	3/7/2003	9'	22.3	124	—	—
E2-S3-7	E2-S3-7_20030307	3/7/2003	7'	16.2	<32.9	—	—
E2-S4-8	E2-S4-8_20030307	3/7/2003	8'	<14.2	<35.5	—	—
E2-S5-6	E2-S5-6_20030313	3/13/2003	6'	42.3	120	—	—
E5-B1-10	E5-B1-10_20030227	2/27/2003	10'	<13.2	37.7	—	—
E5-B2-11	E5-B2-11_20030227	2/27/2003	11'	29.5	54.7	—	—
E5-S1-8	E5-S1-8_20030227	2/27/2003	8'	19.4	78.7	—	—
E5-S2-8	E5-S2-8_20030227	2/27/2003	8'	16.2	92.8	—	—
E5-S3-7	E5-S3-7_20030227	2/27/2003	7'	126	141	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	44.1	<27.2	—	—
E6-B1-11	E6-B1-11_20030226	2/26/2003	11'	83.7	205	—	—
E6-B2-9	E6-B2-9_20030312	3/12/2003	9'	<12.2	<30.6	—	—
E6-B3-8	E6-B3-8_20030320	3/20/2003	8'	<14.4	<36.1	—	—
E6-S10-7	E6-S10-7_20030320	3/20/2003	7'	23.0	82.8	—	—
E6-S2-8	E6-S2-8_20030226	2/26/2003	8'	<14.1	<35.2	—	—
E6-S5-8	E6-S5-8_20030226	2/26/2003	8'	23.0	73.0	—	—
E6-S7-8	E6-S7-8_20030317	3/17/2003	8'	<15.7	<39.4	—	—
E6-S8-7	E6-S8-7_20030317	3/17/2003	7'	15.6	61.3	—	—
E6-S9-7	E6-S9-7_20030320	3/20/2003	7'	<14.6	<36.4	—	—
E7	E7-3-4.5	3/22/2004	3'-4.5'	75.9	80.4	77.2	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	<7.16	—
EAST-1	EAST-1	4/1/2004	5'	30.7	61.6	—	—
EAST-3	EAST-3	4/1/2004	7'	<11.6	<29.0	—	—
EAST-4	EAST-4	4/9/2004	5'	343D	1,560D	—	—
EAST-5	EAST-5	4/9/2004	7'	<12.7	<31.8	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	<12.9	<32.3	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	<12.7	<31.6	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	28.2	52.7	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	6,480	13,500	2,830	—
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	<12.7	<31.7	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	<11.9	<29.7	<5.94	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	2,560	3,650	348	—
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	483	528	112	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	2,440	1,720	201	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	2,740	2,050	314	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	22.0	<32.9	<6.65	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	28.4	98.4	9.68	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	<12.2	<30.5	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	<13.1	<32.8	—	—
FWW-1	FWW-1-4-5.5	4/7/2004	4'-5.5'	—	—	<5.12	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	261	236	1,860	—
FWW-1	FWW-1-10-11.5	4/7/2004	10'-11.5'	—	—	<7.44	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	<12.2	<30.6	<6.17	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	100	361	82.1	—
H4	H4-6-7.5	3/16/2004	6'-7.5'	—	—	<6.66	—
H7	H7-8.5-10	3/29/2004	8.5'-10'	<11.8	<29.4	—	—

Table B-5 - Total Petroleum Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)			
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons	Propylene Glycol
				CAS 68334-30-5 Preliminary Screening Level	TPH-LO 2,000	86290-81-5 100	57-55-6 —
J6	J6-3-4.5	3/23/2004	3'-4.5'	31.1	57.7	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	33.5	92.4	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	31.7	<25.9	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	<10.3	<25.7	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	<9.96	<24.9	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	<10.7	36.2	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	<11.5	<28.7	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	<12.6	<31.4	—	—
M4	M4-3.5-5	4/12/2004	3.5'-5'	—	—	<5.50	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	21.0	44.9	196	—
M4	M4-9-10.5	4/12/2004	9'-10.5'	—	—	7.72	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	<11.3	<28.2	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	<11.2	<28.1	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	17.3	66.0	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	<12.3	<30.7	<6.25	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	<6.30	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	<13.5	<33.8	390	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	11.8	—
MW-10A	MW-10-8_06201986	6/20/1986	3'-8'	—	—	—	—
MW-11A	MW-11-3.5_06231986	6/23/1986	3.5'-3.5'	—	—	—	—
MW-11A	MW-11-18.5_06231986	6/23/1986	18.5'-18.5'	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	—	—	—	—
MW-12A	MW-12-8.5_06231986	6/23/1986	8.5'-8.5'	—	—	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<6.10	<12.0	<7.30	—
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<6.60	<13.0	<9.10	—
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	150	460	11.0	—
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<6.20	<12.0	<9.00	—
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<6.10	<12.0	530	—
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	290	950	8300	—
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	<5.90	<12.0	<7.70	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	<6.40	<13.0	<7.80	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	<6.40	<13.0	<8.20	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<5.90	<12.0	<7.40	—
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<6.00	<12.0	<7.20	—
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<5.90	<12.0	<6.80	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<6.10	<12.0	<7.20	—
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<6.90	<14.0	<8.90	—
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<5.90	<12.0	<9.20	—
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<5.90	<12.0	<9.10	—
MW-9A	MW-9-6_06201986	6/20/1986	6'-6'	—	—	—	—
MW-9A	MW-9-16_06201986	6/20/1986	16'-16'	—	—	—	—
N1	N1-3-4.5	4/12/2004	3'-4.5'	<14.2	<35.4	—	—
N4	N4-5-7	4/12/2004	5'-7'	17.3	40.6	<6.04	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	<13.3	<33.2	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	70.0	180	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	860	1900	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	9.40	16.0	—	—
NA-4	NA-4-5-6	2/20/2002	5'-6'	9.10	13.0	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	21.0	22.0	—	—
NA-5	NA-5-5-7	2/20/2002	5'-7'	4,600	4,200	—	—

Table B-5 - Total Petroleum Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)			
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons	Propylene Glycol
				CAS 68334-30-5 Preliminary Screening Level	TPH-LO 2,000	86290-81-5 100	57-55-6 —
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	31.0	68.0	—	—
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	110	99.0	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	<12.3	<30.8	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	<14.6	<36.6	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	<14.2	<35.6	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	<13.5	<33.7	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	<13.7	<34.3	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	<13.4	<33.6	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	<13.8	<34.6	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	24.0	62.0	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	<14.3	<35.8	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	<13.4	<33.6	—	—
S-4	S4_04181995	4/18/1995	4'	12.0	—	—	—
S5	S5-5-6.5	4/6/2004	5'-6.5'	40.6	166	—	—
S-5	S5_04181995	4/18/1995	4'	24.0	—	—	—
S-8	S8_04181995	4/18/1995	4'	29.0	—	—	—
SFA-1	SFA-1-4-5_3292004	3/29/2004	4'-5'	2.19J	<3.19	—	—
SFA-2	SFA-2-4-5_3292004	3/29/2004	4'-5'	8.86J	13.1J	—	—
SFA-3	SFA-3-4-5_3292004	3/29/2004	4'-5'	3.28J	<3.19	—	—
SFA-4	SFA-4-7-8_3292004	3/29/2004	7'-8'	3.78J	<3.19	—	—
SFA-5	SFA-5-4-4.5_3292004	3/29/2004	4'-4.5'	81.9	195	—	—
SFA-6	SFA-6-6.5-7.5_3292004	3/29/2004	6.5'-7.5'	2.77J	6.03J	—	—
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	6,090	3,880	—	—
SFA-7	SFA-7-6.5-7.5_3292004	3/29/2004	6.5'-7.5'	4.80J	4.47J	—	—
SFA-B10-4.5	SFA-B10-4.5_722004	7/2/2004	4'-4.5'	5.35J	44.8	—	—
SFA-B11-4	SFA-B11-4_722004	7/2/2004	3.5'-4'	13.0	205	—	—
SFA-B12-4	SFA-B12-4_722004	7/2/2004	3.5'-4'	9.91J	91.3	—	—
SFA-B13-4	SFA-B13-4_722004	7/2/2004	3.5'-4'	4.65J	589	—	—
SFA-B14-4	SFA-B14-4_822004	8/2/2004	3.5'-4'	6.18J	5.60J	—	—
SFA-B1-8.5	SFA-B1-8.5_4282004	4/28/2004	8'-8.5'	5.80J	25.3	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	3.26J	4.16J	—	—
SFA-B3-8	SFA-B3-8_4292004	4/29/2004	7.5'-8'	2.38J	—	1.09J	—
SFA-B4-7.5	SFA-B4-7.5_4292004	4/29/2004	7'-7.5'	3.57J	3.43J	—	—
SFA-B5-7	SFA-B5-7_6302004	6/30/2004	6.5'-7'	3.19J	5.41J	—	—
SFA-B5-8	SFA-B5-8_4292004	4/29/2004	7.5'-8'	18.3	126	—	—
SFA-B6-7	SFA-B6-7_6302004	6/30/2004	6.5'-7'	12.5	10.2J	—	—
SFA-B7-7	SFA-B7-7_712004	7/1/2004	6.5'-7'	3.37J	14.2J	—	—
SFA-B8-5.5	SFA-B8-5.5_712004	7/1/2004	5'-5.5'	2.67J	<3.19	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	2.94J	<3.19	—	—
SFA-E3-3.5	SFA-E3-3.5_722004	7/2/2004	3.5'	14.4	<3.19	—	—
SFA-N10-4	SFA-N10-4_712004	7/1/2004	4'	57.8	—	1.28J	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	13.5	23.0J	—	—
SFA-N12-3.5	SFA-N12-3.5_722004	7/2/2004	3.5'	200	12.4J	—	—
SFA-N13-3.5	SFA-N13-3.5_762004	7/6/2004	3.5'	11.9	617	—	—
SFA-N14-3.5	SFA-N14-3.5_822004	8/2/2004	3.5'	7.54J	11.0J	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	39.6	168	1.78J	—
SFA-N2-8	SFA-N2-8_4292004	4/29/2004	8'	37.7	—	—	—
SFA-N3-8	SFA-N3-8_4292004	4/29/2004	8'	4.41J	39.2	—	—
SFA-N4-7.5	SFA-N4-7.5_4292004	4/29/2004	7.5'	4.28J	6.23J	—	—
SFA-N5-7.5	SFA-N5-7.5_6302004	6/30/2004	7.5'	17.0	—	0.930J	—

Table B-5 - Total Petroleum Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)			
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons	Propylene Glycol
				CAS 68334-30-5	TPH-LO	86290-81-5	57-55-6
	Preliminary Screening Level			2,000	2,000	100	—
SFA-N6-7.5	SFA-N6-7.5_6302004	6/30/2004	7.5'	4.79J	<3.19	—	—
SFA-N7-7.5	SFA-N7-7.5_6302004	6/30/2004	7.5'	11.5	22.3J	—	—
SFA-N8-5.5	SFA-N8-5.5_712004	7/1/2004	5.5'	2.16J	3.67J	—	—
SFA-N9-5	SFA-N9-5_712004	7/1/2004	5'	2.92J	130	—	—
SFA-S10-4	SFA-S10-4_712004	7/1/2004	4'	12.8	119	—	—
SFA-S11-3.5	SFA-S11-3.5_722004	7/2/2004	3.5'	42.8	—	1.90J	—
SFA-S12-3.5	SFA-S12-3.5_722004	7/2/2004	3.5'	26.8	499	—	—
SFA-S13-3.5	SFA-S13-3.5_722004	7/2/2004	3.5'	514	7.90J	—	—
SFA-S1-7.5	SFA-S1-7.5_4282004	4/28/2004	7.5'	22.8	3.37J	—	—
SFA-S2-8	SFA-S2-8_4292004	4/29/2004	8'	2.90J	159	—	—
SFA-S3-8	SFA-S3-8_4292004	4/29/2004	8'	3.76J	7.63J	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	4.49J	5.49J	—	—
SFA-S5-7.5	SFA-S5-7.5_6302004	6/30/2004	7.5'	5.22J	17.4J	—	—
SFA-S6-7.5	SFA-S6-7.5_6302004	6/30/2004	7.5'	7.10J	4.61J	—	—
SFA-S7-6	SFA-S7-6_6302004	6/30/2004	6'	13.9	12.7J	—	—
SFA-S8(A)-4	SFA-S8(A)-4_722004	7/2/2004	4'	411	58.2	—	—
SFA-S9-4	SFA-S9-4_712004	7/1/2004	4'	45.9	<3.19	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	<15.1	<37.6	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<5.00	<25.0	<2.00	—
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	68.0	190	<2.00	—
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	30.0	120	<2.00	—
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	13.0	70.0	<2.00	—
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	26.0	89.0	4.00	—
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	220	990	<2.00	—
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<5.00	<25.0	<2.00	—
SS-BOT-08	SS-DUP4_20071206	12/6/2007	6.5'-7'	<5.00	<25.0	<2.00	—
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	67.0	85.0	<2.00	—
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	89.0	160	<2.00	—
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	290	650	14.0	—
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	61.0	170	5.00	—
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	34.0	180	<2.00	—
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	11.0	70.0	<2.00	—
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	88.0	340	<2.00	—
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<5.00	<25.0	<2.00	—
SW02-E-7	SW02-E-7_08/02/2001	8/2/2001	7'	40.0	52.0	—	—
SW03-E-7	SW03-E-7_08/02/2001	8/2/2001	7'	<5.00	<10.0	—	—
SW05-W-7	SW05-W-7_08/02/2001	8/2/2001	7'	2,200	2,500	—	—
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	37.0	110	—	—
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	12.0	24.0	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	1,010	2,880	—	—
SWS-1	SWS-1-7.5-8.5	4/8/2004	7.5'-8.5'	<13.1	36.9	—	—

Table B-5 - Total Petroleum Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbon's (milligrams per kilogram)			
				Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons	Gasoline Range Hydrocarbons	Propylene Glycol
				CAS 68334-30-5 Preliminary Screening Level	TPH-LO 2,000	86290-81-5 100	57-55-6 —
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	473	2,500	—	—
SWS-2	SWS-2-6-7.5	4/8/2004	6'-7.5'	280	885	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	1,130	1,560	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	61.6	93.4	<7.31	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	17.3	<30.3	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<11.9	<29.8	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	149	239	<5.78	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	155	108	6.76	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	643	1,870	<5.74	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	409	1,190	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	712	1,900	13.5	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	415	1,370	13.8	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<11.9	<29.6	—	—
WEST-3	WEST-3	4/1/2004	5'	<11.4	<28.6	—	—
WEST-4	WEST-4	4/9/2004	5'	<13.4	<33.5	—	—
WEST-5	WEST-5	4/9/2004	5'	<13.2	<33.1	—	—
WEST-6	WEST-6	4/9/2004	7'	<13.7	<34.2	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	<5.00	<10.0	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	<5.00	15.0	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	8.70	20.0	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	12.0	63.0	—	—

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable saturated soil

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-6 - Total Petroleum Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbons (micrograms per liter)			
				Gasoline Range Hydrocarbons	Diesel Range Hydrocarbons	Residual Range Organics	Propylene Glycol
CAS				GRO	DRO	RRO	57-55-6
Preliminary Screening Level				800	500	500	—
A1	A1-RGW_4192004	4/19/2004	—	269000	1630	912	—
B1	B1-RGW_3252004	3/25/2004	—	87.5	112J	267J	—
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	12.1J	104J	<90.0	—
F1	F1-RGW_3192004	3/19/2004	—	37.8J	121J	102J	—
F3	F3-RGW_3172004	3/17/2004	—	27.2J	123J	<90.0	—
F5	F5-RGW_472004	4/7/2004	—	16.8J	91.9J	113J	—
FTF-1	FTF-1-RGW_472004	4/7/2004	—	15.0J	155J	137J	—
G6	G6-RGW_3182004	3/18/2004	—	9.41J	236J	242J	—
H3	H3-RGW_3172004	3/17/2004	—	12.6J	162J	<90.0	—
J2	J2-RGW_4192004	4/19/2004	—	611	225J	98.5J	—
J4	J4-RGW_3182004	3/18/2004	—	17.3J	182J	180J	—
K5	K5-RGW_412004	4/1/2004	—	20.7J	378	120J	—
L1	L1-RGW_4202004	4/20/2004	—	13.0J	1160	322J	—
L3	L3-RGW_3192004	3/19/2004	—	9.18J	474	345J	—
L6	L6-RGW_412004	4/1/2004	—	11.4J	86.4J	<90.0	—
M7	M7-RGW_452004	4/5/2004	—	10.9J	124J	<90.0	—
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<250	<250	<500	<5000
MW-1A	030606-MW-1A	3/6/2006	—	<250	<500	<500	—
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<250	<500	<500	—
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<250	2700	<500	<5000
MW-6A	MW-6A_03/28/2002	3/28/2002	—	2300	9200	<2500	<5000
MW-6A(R)	MW-6A(R)	4/29/2004	—	46.7J	782	206J	—
MW-6A(R)	MW-06A-1/24/2019	1/24/2019	—	<100	219	268	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-7A	030206-MW-7A	3/2/2006	—	<250	<500	<500	—
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<250	<500	<500	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<250	510	<500	—
MW-8A	030306-MW-8A	3/3/2006	—	<250	<500	<500	—
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<250	<500	<500	—
MW-8A	100311-MW8A	10/3/2011	—	—	200J	<200	—
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-8B	030606-MW-8B	3/6/2006	—	<250	<500	<500	—
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<250	<500	<500	—
MW-9A	MW-9A_03/28/2000	3/28/2000	—	—	<250	<500	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—	<250	<250	<500	5000
MW-9A	030306-MW-9A	3/3/2006	—	<250	<500	<500	—
MW-9A	040706-MW-9A	4/7/2006	—	<250	<500	<500	—
MW-9A	MW-9A_08/14/2006	8/14/2006	—	<250	<500	<500	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-11A	030306-MW-11A	3/3/2006	—	<250	<500	<500	—
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<250	<500	<500	—
MW-12A	MW-12A_03262002	3/26/2002	—	<250	<250	<500	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	<250	<250	<500	—

Table B-6 - Total Petroleum Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbons (micrograms per liter)			
				Gasoline Range Hydrocarbons	Diesel Range Hydrocarbons	Residual Range Organics	Propylene Glycol
CAS				GRO	DRO	RRO	57-55-6
Preliminary Screening Level				800	500	500	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	<500	—	—	—
MW-14A	MW-101A	3/27/2002	—	<250	<250	<500	—
MW-14A	MW-101A	3/27/2002	—	<500	—	—	—
MW-14A	030306-MW-14A	3/3/2006	—	<250	<500	<500	—
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<250	<500	<500	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-16A	030606-MW-102	3/6/2006	—	<250	<500	<500	—
MW-16A	030606-MW-16A	3/6/2006	—	<250	<500	<500	—
MW-16A	MW-105	8/14/2006	—	630	<500	<500	—
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<250	<500	<500	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-22A	MW-22A_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-25A	030206-MW-25A	3/2/2006	—	<250	<500	<500	—
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<250	<500	<500	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—	<250	<250	<500	—
MW-26A	022706-MW-26A	2/27/2006	—	<250	<500	<500	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<250	<500	<500	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-26B	022706-MW100	2/27/2006	—	<250	<500	<500	—
MW-26B	022706-MW-26B	2/27/2006	—	<250	<500	<500	—
MW-26B	MW-103	8/7/2006	—	<250	<500	<500	—
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<250	<500	<500	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<250	<250	<500	—
MW-26C	MW-103C	3/29/2002	—	<250	<250	<500	—
MW-26C	022706-MW-26C	2/27/2006	—	<250	<500	<500	—
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<250	<500	<500	—
MW-27A	MW-27A_03262002	3/26/2002	—	<250	<250	<500	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-28A	030306-MW-28A	3/3/2006	—	<250	<500	<500	—
MW-28A	MW-104	8/11/2006	—	<250	<500	<500	—
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<250	<500	<500	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-28B	MW-102B	3/28/2002	—	<250	<250	<500	—
MW-28B	030306-MW-101	3/3/2006	—	<250	<500	<500	—
MW-28B	030306-MW-28B	3/3/2006	—	<250	<500	<500	—
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<250	<500	<500	—
MW-29A	MW-29A_03262002	3/26/2002	—	<250	<250	<500	—
MW-29A	022706-MW-29A	2/27/2006	—	<250	<500	<500	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<250	<500	<500	—

Table B-6 - Total Petroleum Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbons (micrograms per liter)			
				Gasoline Range Hydrocarbons	Diesel Range Hydrocarbons	Residual Range Organics	Propylene Glycol
				CAS	GRO	DRO	RRO
			Preliminary Screening Level	800	500	500	—
MW-29B	MW-29B_03262002	3/26/2002	—	<250	<250	<500	—
MW-29B	022806-MW-29B	2/28/2006	—	<250	<500	<500	—
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<250	<500	<500	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<250	<250	<500	—
MW-29C	022706-MW-29C	2/27/2006	—	<250	<500	<500	—
MW-29C	MW-29C_08/07/2006	8/7/2006	—	250	<500	<500	—
MW-30A	MW-30A_03262002	3/26/2002	—	<250	<250	<500	—
MW-30A	022806-MW-30A	2/28/2006	—	<250	<500	<500	—
MW-30A	MW-30A-1/24/2019	1/24/2019	—	<100	255	<200	—
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<250	<500	<500	—
MW-31A	MW-31A_03262002	3/26/2002	—	<250	<250	<500	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<250	<250	<500	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<500	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<250	<250	<500	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<250	<250	<500	—
MW-35A	022806-MW-35A	2/28/2006	—	<250	<500	<500	—
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<250	<500	<500	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	<100	<100	<200	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<250	<250	<500	—
MW-35B	022806-MW-35B	2/28/2006	—	<250	<500	<500	—
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<250	<500	<500	—
MW-36A	MW-36A_03262002	3/26/2002	—	<250	<250	<500	—
MW-36A	022806-MW-36A	2/28/2006	—	<250	<500	<500	—
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<250	<500	<500	—
MW-36A	MW-36A-1/24/2019	1/24/2019	—	<100	<100	<200	—
MW-36B	MW-36B_03262002	3/26/2002	—	<250	<250	<500	—
MW-36B	022806-MW-36B	2/28/2006	—	<250	<500	<500	—
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<250	<500	<500	—
MW-37A	MW-37A_03262002	3/26/2002	—	<250	<250	<500	—
MW-37A	MW-37A-1/25/2019	1/25/2019	—	<100	<100	<200	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	<100	<100	<200	—
MW-37B	MW-37B_03262002	3/26/2002	—	<250	<250	<500	—
MW-39A	030206-MW-39A	3/2/2006	—	<250	<500	<500	—
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<250	<500	<500	—
MW-40B	101111-MW40B	10/11/2011	—	<250	<100	<200	—
MW-40B	101111-MW300	10/11/2011	—	<250	<100	<200	—
MW-41A	030206-MW-41A	3/2/2006	—	<250	<500	<500	—
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<250	<500	<500	—
MW-42A	MW-42A	4/29/2004	—	<12.3	547	196J	—

Table B-6 - Total Petroleum Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Total Petroleum Hydrocarbons (micrograms per liter)			
				Gasoline Range Hydrocarbons	Diesel Range Hydrocarbons	Residual Range Organics	Propylene Glycol
CAS				GRO	DRO	RRO	57-55-6
Preliminary Screening Level				800	500	500	—
MW-42A	030606-MW-42A	3/6/2006	—	<250	<500	<500	—
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<250	<500	<500	—
MW-42A	MW-42A-1/31/2019	1/31/2019	—	<100	<100	<200	—
MW-43A	101211-MW43A	10/12/2011	—	<250	<100J	<200	—
MW-44A	101311-MW44A	10/13/2011	—	320	<100J	<200	—
MW-44A	MW-44A-1/22/2019	1/22/2019	—	<100	923	833	—
MW-45A	092811-MW-45A	9/28/2011	—	<250	<100	<200	—
MW-46A	100411-MW46A	10/4/2011	—	<250	320J	<200	—
MW-47A	101311-MW47A	10/13/2011	—	<250	<100J	<200	—
MW-47A	101311-MW700	10/13/2011	—	<250	<100J	<200	—
MW-47B	101311-MW47B	10/13/2011	—	<250	230J	<200	—
MW-48A	101111-MW48A	10/11/2011	—	<250	<100	<200	—
MW-48B	101111-MW48B	10/11/2011	—	<250	<100	<200	—
MW-49A	101211-MW49A	10/12/2011	—	<250	<100J	<200	—
MW-49A	101211-MW500	10/12/2011	—	<250	<100J	<200	—
MW-49B	101211-MW49B	10/12/2011	—	<250	<100J	<200	—
N2	N2-RGW_4202004	4/20/2004	—	17.2J	173J	<90.0	—
N5	N5-RGW_3232004	3/23/2004	—	11.1J	162J	110J	—
N6	N6-RGW_3232004	3/23/2004	—	<8.50	148J	<100	—
P1	P1-RGW_4152004	4/15/2004	—	9.82J	129J	119J	—
P3	P3-RGW_4122004	4/12/2004	—	10.0J	128J	<90.0	—
R1	R1-RGW_422004	4/2/2004	—	<8.50	131J	119J	—
R3	R3-RGW_422004	4/2/2004	—	<8.50	180J	252J	—
R5	R5-RGW_462004	4/6/2004	—	13.6J	62.1J	<90.0	—
R7	R7-RGW_452004	4/5/2004	—	11.8J	332	328J	—
SFA-1	SFA-1-RGW_3292004	3/29/2004	—	—	75.0J	<90.0	—
SFA-2	SFA-2-RGW_3292004	3/29/2004	—	—	46.0J	<90.0	—
SFA-3	SFA-3-RGW_3292004	3/29/2004	—	—	57.8J	<90.0	—
SFA-4	SFA-4-RGW_3292004	3/29/2004	—	—	57.4J	<90.0	—
SFA-5	SFA-5-RGW_3292004	3/29/2004	—	—	1020	319J	—
SFA-6	SFA-6-RGW_3292004	3/29/2004	—	—	92.0J	<90.0	—
SFA-7	SFA-7-RGW_3292004	3/29/2004	—	—	260	169J	—
SWS-5	SWS-5-RGW_482004	4/8/2004	—	11.3J	124J	<90.0	—
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	<50.0	<260	<521	—

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
				CAS	90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
			Preliminary Screening Level	29.43	0.67	0.5	1.3	0.96	1.15E-03	3.10E-04	3.94E-03
A	A	3/17/2004	2'	0.0300	0.0200	0.120	<0.0115	0.110	0.170	0.150	0.130
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	—	3.60	0.650	0.150	0.230	0.220	0.610Y	0.520Y
BY-4	BY-4-0-2	2/21/2002	0'-2'	—	<0.00750	<0.00750	<0.00750	<0.00750	0.0220	0.0450Y	0.0980Y
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	—	<0.00770	<0.00770	<0.00770	<0.00770	<0.00770	0.00850M	0.0120M
BY-6	BY-6-0-1	2/22/2002	0'-1'	—	0.0150	<0.0140	<0.0140	<0.0140	0.0380	<0.0140	0.180M
C	C	3/17/2004	2'	<0.0133	<0.0133	<0.0133	<0.0133	<0.0133	<0.0133	<0.0133	<0.0133
C0	CO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
D	D	3/17/2004	2'	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
D2	SD-102	3/25/2004	1'-2.5'	—	—	—	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.112	<0.112	<0.112	<0.112	<0.112	<0.112	0.160	0.230
DG11-11	DG11-11-1	9/13/2011	1'-2'	0.0590	0.0650	0.00640	0.00580	<0.00490	0.00920	0.0100J	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	96.0	94.0	8.70	3.40	<0.00490	0.0110	0.0110	—
DS-1	DS-1-0-1	2/22/2002	0'-1'	—	0.0270	<0.00710	<0.00710	<0.00710	0.0230	0.130Y	0.140Y
E0	EO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	0.830D	0.890D	<0.0568	<0.0568	<0.0568	<0.0568	<0.0568	<0.0568
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.00249	0.00709J	<0.00498	0.144	0.0581	0.0462	0.204	0.121
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	0.0653	0.129	0.0269	0.0229J	0.0858	0.356	0.890	0.582
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	0.0142J	0.0337	0.0110J	0.131	0.0551	0.193	0.711	0.613
F0	FO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
F1	SD-104	3/19/2004	0'-0.5'	—	—	—	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
CAS				90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2
Preliminary Screening Level				29.43	0.67	0.5	1.3	0.96	1.15E-03	3.10E-04	3.94E-03
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.0104	<0.0104	<0.0104	<0.0104	<0.0104	<0.0104	<0.0104	<0.0104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105	<0.0105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
L3	SD-107	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
				CAS	90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
			Preliminary Screening Level	29.43	0.67	0.5	1.3	0.96	1.15E-03	3.10E-04	3.94E-03
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
MBS-2	SD-113	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	0.00740	0.00730	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	0.00980	0.0230	<0.00460	<0.00460	<0.00460	<0.00460	<0.00460	<0.0180
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
PO	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene
				CAS	90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
			Preliminary Screening Level	29.43	0.67	0.5	1.3	0.96	1.15E-03	3.10E-04	3.94E-03
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	<0.00160	<0.00110	<0.00350
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	—	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740
WP-5	WP-5-1-2	2/26/2002	1'-2'	—	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710
WP-6	WP-6-1-2	2/26/2002	1'-2'	—	3.00	5.10	0.0910	4.90	2.40	0.980	0.800
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene
				CAS	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7
			Preliminary Screening Level	0.67	0.04	0.13	5.73E-04	0.54	1.7	0.54	0.01
A	A	3/17/2004	2'	0.0700	0.0600	0.160	0.0400	—	0.280	0.110	0.0600
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	<0.0440	0.520Y	1.20	<0.0440	0.310	0.610	0.810	<0.0440
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00750	0.0680Y	0.160	<0.00750	<0.00750	0.0140	<0.00750	<0.00750
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00770	0.0170M	0.0120	<0.00770	<0.00770	0.0140	<0.00770	<0.00770
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.0140	0.0650M	0.210	<0.0140	<0.0140	0.0240	<0.0140	<0.0140
C	C	3/17/2004	2'	<0.0133	<0.0133	<0.0133	<0.0133	—	<0.0133	<0.0133	<0.0133
CO	CO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
D	D	3/17/2004	2'	<0.0114	<0.0114	<0.0114	<0.0114	—	<0.0114	<0.0114	<0.0114
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
D2	SD-102	3/25/2004	1'-2.5'	—	—	—	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.112	0.180	0.150	<0.112	—	<0.112	<0.112	<0.112
DG11-11	DG11-11-1	9/13/2011	1'-2'	0.0140	—	0.0230	<0.00490	0.0130	0.0340	0.00730	0.00740
DG11-12	DG11-12-1	9/13/2011	1'-2'	0.0110	—	0.0400	0.0180	0.940	0.0650	2.10	0.00730
DS-1	DS-1-0-1	2/22/2002	0'-1'	<0.00710	0.130Y	0.230	<0.00710	<0.00710	0.0160	<0.00710	<0.00710
E0	EO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.0568	<0.0568	<0.0568	<0.0568	—	<0.0568	<0.0568	<0.0568
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	0.558	0.112	0.0587	0.105	—	0.0488	<0.00424	0.225
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	0.515	0.581	0.405	0.249	—	0.503	0.0179J	0.465
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	0.518	0.616	0.268	0.231	—	0.193	0.00826J	0.468
F0	FO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
F1	SD-104	3/19/2004	0'-0.5'	—	—	—	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene
				CAS	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7
Preliminary Screening Level				0.67	0.04	0.13	5.73E-04	0.54	1.7	0.54	0.01
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.115	<0.115	<0.115	<0.115	—	<0.115	<0.115	<0.115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.0104	<0.0104	<0.0104	<0.0104	—	<0.0104	<0.0104	<0.0104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.0105	<0.0105	<0.0105	<0.0105	—	0.0100	<0.0105	<0.0105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
L3	SD-107	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene
				CAS	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7
			Preliminary Screening Level	0.67	0.04	0.13	5.73E-04	0.54	1.7	0.54	0.01
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
MBS-2	SD-113	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00470	—	0.00750	<0.00470	<0.00470	0.00700	<0.00470	<0.00470
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00460	<0.0180	<0.00460	<0.00440	<0.00460	<0.00460	<0.00460	<0.00460
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)							
				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene
CAS				191-24-2	207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5
Preliminary Screening Level				0.67	0.04	0.13	5.73E-04	0.54	1.7	0.54	0.01
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.00100	<0.00110	<0.00160	<0.00100	—	<0.00190	<0.00170	<0.00390
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710
WP-6	WP-6-1-2	2/26/2002	1'-2'	0.380	1.10	2.40	0.110	5.60	12.0	8.00	0.440
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)			
				Naphthalene	Phenanthrene	Pyrene	Total cPAH TEQ
CAS				91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.04	1.5	2.6	3.10E-04
A	A	3/17/2004	2'	<0.00000579	0.470	0.430	0.198
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00000213	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.00000240	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00000256	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00000229	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00000230	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00000239	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00000213	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00000237	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00000209	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	0.000210	4.10	0.630	0.748
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00000580	0.0340	0.0400	0.114
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00000580	0.0120	0.0170	0.0127
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.0000140	0.0540	0.0460	0.107
C	C	3/17/2004	2'	<0.00000669	<0.0133	<0.0133	<0.0100
CO	CO-0.5-2	3/30/2004	0.5'-2'	<0.00000256	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00000239	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	<0.00000220	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00000227	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00000236	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00000215	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00000226	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00000230	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00000216	—	—	—
D	D	3/17/2004	2'	<0.00000577	<0.0114	<0.0114	<0.00861
DO	DO-0.5-2	3/30/2004	0.5'-2'	<0.00000228	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00000225	—	—	—
D2	SD-102	3/25/2004	1'-2.5'	<0.00000217	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00000228	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00000234	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00000238	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00000223	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00000224	<0.112	<0.112	0.219
DG11-11	DG11-11-1	9/13/2011	1'-2'	0.0770	0.0460	0.0290	0.0121
DG11-12	DG11-12-1	9/13/2011	1'-2'	24.0	2.10	1.00	0.0150
DS-1	DS-1-0-1	2/22/2002	0'-1'	<0.00000710	0.0520	0.0860	0.162
EO	EO-0.5-2	3/31/2004	0.5'-2'	<0.00000263	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00000257	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00000230	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00000232	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00000240	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00000227	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	0.000103	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	0.660D	0.540D	0.270D	<0.0429
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000800	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	0.0190J	0.0286	0.0824	0.266
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	0.189	0.426	0.672	1.12
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	0.0583	0.0923	0.328	0.926
F0	FO-0.5-2	3/30/2004	0.5'-2'	<0.00000264	—	—	—
F1	SD-104	3/19/2004	0'-0.5'	<0.113	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00000227	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00000219	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00000218	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	<0.00000217	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00000222	—	—	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00000220	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)			
				Naphthalene	Phenanthrene	Pyrene	Total cPAH TEQ
CAS				91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.04	1.5	2.6	3.10E-04
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00000233	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00000224	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00000223	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0000230	<0.115	<0.115	<0.0868
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00000255	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00000208	<0.0104	<0.0104	<0.00785
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00000211	<0.0105	0.0100	<0.00793
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00000206	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00000205	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00000227	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00000225	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00000231	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00000260	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00000229	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00000232	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00000228	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00000229	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00000215	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00000213	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00000217	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00000230	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00000230	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00000223	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00000221	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00000210	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00000216	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00000219	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00000230	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00000225	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00000214	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00000206	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00000205	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	0.00000353	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00000228	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00000239	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	<0.00000226	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00000216	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00000233	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00000206	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00000212	—	—	—
L3	SD-107	3/19/2004	0.5'-2'	<0.00000221	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00000204	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	<0.00000230	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00000220	—	—	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00000223	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00000228	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00000211	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00000231	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00000222	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00000216	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00000225	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00000220	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)			
				Naphthalene	Phenanthrene	Pyrene	Total cPAH TEQ
				CAS	91-20-3	85-01-8	129-00-0
Preliminary Screening Level				0.04	1.5	2.6	3.10E-04
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00000219	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00000207	—	—	—
MBS-2	SD-113	4/20/2004	1'-2.5'	<0.00000217	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	0.00570	0.0120	0.00850	0.00313
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	0.0160J	<0.00460	<0.00460	<0.00480
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00670	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.00000237	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	0.00000266	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	<0.00000223	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00000231	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00000265	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00000237	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	<0.00000221	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00000229	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00000209	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	<0.00000262	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00000260	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00000233	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	0.00000515	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00000258	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00000249	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00000226	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00000230	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00000214	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00000231	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	<0.00000261	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00000287	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00000279	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00000239	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00000228	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00000221	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00000274	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00000262	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	0.0000131	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00000307	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00000281	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00000233	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	<0.00000221	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00000217	—	—	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00000263	—	—	—

Table B-7 - Polycyclic Aromatic Hydrocarbons in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)			
				Naphthalene	Phenanthrene	Pyrene	Total cPAH TEQ
				CAS	91-20-3	85-01-8	129-00-0
Preliminary Screening Level				0.04	1.5	2.6	3.10E-04
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.0000228	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.0000670	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	<0.0000530	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	<0.0000530	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.0000282	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.0000232	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.0000219	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.0000220	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000800	<0.00150	<0.00200	<0.00111
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.0000228	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	<0.0000225	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.0000219	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.0000216	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.0000220	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	0.0000327	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.0000233	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.0000237	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.0000221	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.0000225	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.0000222	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.0000238	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.0000226	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.0000258	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.0000229	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.0000245	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.0000241	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.0000740	<0.0740	<0.0740	<0.0559
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.0000710	<0.0710	<0.0710	<0.0536
WP-6	WP-6-1-2	2/26/2002	1'-2'	0.00580	24.0	6.50	1.49
WVET-2	WVET-2	4/5/2004	3'-3'	<0.0000659	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	<0.0000617	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	<0.0000552	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	<0.0000585	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	<0.0000558	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	<0.0000627	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	<0.0000566	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	<0.0000597	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	<0.0000546	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	<0.0000684	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	<0.0000548	—	—	—

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable unsaturated soil

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CAS				90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
Preliminary Screening Level				29.43	0.67	0.03	1.3	0.05	5.73E-05	1.55E-05
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	0.00142J	<0.00230	<0.00200	<0.00170	<0.00200	0.00283J	<0.00110
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—
B2	B2-10	3/20/1999	10'	—	—	—	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	0.00496J	0.00826J
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.00100	<0.00230	0.00512J	<0.00170	0.00939J	0.0273J	0.0179
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	<0.00160	<0.00110
B5	B5-10	3/20/1999	9.5'-10'	—	<0.230	<0.230	<0.230	<0.230	<0.230	<0.230
B6	B6-5	3/20/1999	4.5'-5'	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.190
B6	B6-10	3/20/1999	9.5'-10'	—	<0.190	<0.190	<0.190	<0.190	<0.190	<0.110
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	—
B10	B10-10-12	3/26/2003	10'-12'	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	—	0.0170	<0.00920	<0.00920	0.0210	0.0410	0.0460
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	—	0.0160	0.0240	<0.00830	0.0380	0.0920	0.0820M
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	0.00605	0.00519
C6	C6-3-4.5	4/9/2004	3'-4.5'	0.0210	0.0292	0.0269	<0.00170	0.0195	0.0329J	0.0352
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	<0.0128	<0.0128	<0.0128	<0.0128	<0.0128	<0.0128	<0.0128
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—
D0	D0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—
D0	D0-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	—	<0.0820	<0.0820	<0.0820	<0.0820	<0.0820	<0.0820
DS-2	DS-2-3-5	2/22/2002	3'-5'	—	<0.0730	<0.0730	<0.0730	<0.0730	<0.0730	<0.0730

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CAS				90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
Preliminary Screening Level				29.43	0.67	0.03	1.3	0.05	5.73E-05	1.55E-05
DS-2	DS-2-6-8	2/22/2002	6'-8'	—	<0.250	1.20	<0.250	1.60	2.60	2.40
DS-2	DS-2-8-10	2/22/2002	8'-10'	—	<0.0870	<0.0870	<0.0870	<0.0870	0.0910	<0.0870
E0	E0-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	<0.0124	<0.0124	<0.0124	<0.0124	<0.0124	<0.0124	<0.0124
EAST-3	EAST-3	4/1/2004	7'	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118
F0	F0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	—	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	0.510	0.990	<0.127	<0.127	<0.127	<0.127	<0.127
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	—
FPD-2	FPD-2-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	0.140	0.160	<0.0120	<0.0120	0.0100	0.0200	<0.0120
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—
G0	G0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—
G0	G0-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—
H0	H0-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—
H0	H0-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	—	—	<0.100	<0.100	<0.100	<0.100	<0.100
MW-38A	MW38-35	5/2/2002	35'	—	—	—	—	—	—	—

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CAS				90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
Preliminary Screening Level				29.43	0.67	0.03	1.3	0.05	5.73E-05	1.55E-05
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	0.140	0.280	0.0940	0.0430	0.130	0.280	0.150
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.00460J	0.0140J	0.0100J	<0.00460J	<0.00460	<0.00460	<0.00460
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	0.220	0.130	0.170	<0.00490	0.0720	0.0680	0.0290
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	0.0920	0.150	0.170	<0.00460	<0.00460	0.00880	0.0130
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.00450J	<0.00450J	<0.00450J	<0.00450J	<0.00450	<0.00450	<0.00450
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	—	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470J
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.00490	<0.00490	<0.00490	<0.00490	<0.00490	<0.00490	<0.00490
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	—	—	—	—	—
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	—	0.0120	0.0390B	<0.00820	0.0110	<0.00820	<0.00820
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	—	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	—	0.0230	0.0250MB	<0.00810	0.0190M	0.0150Y	<0.00810
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	—	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	—	—	—	—	—	—	—
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	—	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	—	0.400	0.210	<0.0770	0.110	0.0830	<0.0770
NA-5	NA-5-5-7	2/20/2002	5'-7'	—	4.60	2.40	0.180Y	1.20	0.820	0.360M
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	—	<0.00820	0.0250B	<0.00820	<0.00820	0.0210M	0.0240
NA-7	NA-7-5-5-6.5	2/21/2002	5.5'-6.5'	—	0.0850	0.0580B	<0.00790	0.0260	0.0360M	0.0160M
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	—
S5	S5-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
SFA-7	SFA-7-4-5 3292004	3/29/2004	4'-5'	—	—	—	—	—	—	—
SFA-B2-8	SFA-B2-8 4292004	4/29/2004	7.5'-8'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	<0.00160	<0.00110
SFA-B9-5	SFA-B9-5 712004	7/1/2004	4.5'-5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	<0.00160	<0.00110
SFA-N11-3.5	SFA-N11-3.5 722004	7/2/2004	3.5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	0.0162	0.0171
SFA-N1-8	SFA-N1-8 4282004	4/28/2004	8'	0.0198	0.0209	0.00581J	<0.00170	<0.00200	0.0105	<0.00110
SFA-S4-7.5	SFA-S4-7.5 4292004	4/29/2004	7.5'	<0.00100	<0.00230	<0.00200	<0.00170	<0.00200	<0.00160	<0.00110
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	—
SS-BOT-03	SS-BOT-03 20071102	11/2/2007	5.5'-6'	—	<0.0300	<0.0300	<0.0300	<0.0300	0.0340	0.0410
SS-BOT-04	SS-BOT-04 20071102	11/2/2007	5.5'-6'	—	<0.0300	<0.0300	<0.0300	<0.0300	0.100	0.140
SS-BOT-05	SS-BOT-05 20071126	11/26/2007	22.5'-23'	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-BOT-06	SS-BOT-06 20071206	12/6/2007	6.5'-7'	—	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
SS-BOT-07	SS-BOT-07 20071206	12/6/2007	6.5'-7'	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-BOT-08	SS-BOT-08 20071206	12/6/2007	6.5'-7'	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CAS				90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8
Preliminary Screening Level				29.43	0.67	0.03	1.3	0.05	5.73E-05	1.55E-05
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	--	0.0970	0.180	<0.0300	0.0500	0.0620	0.0540
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	--	0.0940	0.210	<0.0300	0.0980	0.140	0.120
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	--	0.740	1.10	<0.0300	0.800	0.470	0.260
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	0.0330	<0.0300	<0.0300
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	--	0.0610	0.0890	<0.0300	<0.0300	<0.0300	0.0410
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	0.0390	0.0450
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	0.130	0.170
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	0.0330	0.0350
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	--	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SW05-W-7	SW05-W-7_08/02/2001	8/2/2001	7'	--	<0.0710	<0.0710	<0.0710	<0.0710	0.120	0.072
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.0123	<0.0123	0.0400	0.0100	0.110	0.200	0.170
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.117	<0.117	<0.117	<0.117	0.280	0.170	0.180
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	--	--	--	--	--	--	--
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	--	--	--	--	--	--	--
SWS-4	SWS-4-5-5-7	4/8/2004	5.5'-7'	--	--	--	--	--	--	--
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	--	--	--	--	--	--	--
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	--	--	--	--	--	--	--
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	--	--	--	--	--	--	--
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	--	--	--	--	--	--	--
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	--	--	--	--	--	--	--
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	--	--	--	--	--	--	--
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	--	--	--	--	--	--	--
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	--	--	--	--	--	--	--
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	--	--	--	--	--	--	--
WEST-3	WEST-3	4/1/2004	5'	<0.0112	<0.0112	<0.0112	<0.0112	<0.0112	<0.0112	<0.0112
WP-1	WP-1-3-5	2/21/2002	3'-5'	--	--	--	--	--	--	--
WP-1	WP-1-5-7	2/21/2002	5'-7'	--	--	--	--	--	--	--
WP-2	WP-2-3-5	2/21/2002	3'-5'	--	--	--	--	--	--	--
WP-2	WP-2-5-7	2/21/2002	5'-7'	--	--	--	--	--	--	--
WP-3	WP-3-3-5	2/21/2002	3'-5'	--	--	--	--	--	--	--
WP-3	WP-3-5-7	2/21/2002	5'-7'	--	--	--	--	--	--	--
WP-4	WP-4-5-6	2/26/2002	5'-6'	--	--	--	--	--	--	--
WP-5	WP-5-6-7	2/26/2002	6'-7'	--	--	--	--	--	--	--
WP-6	WP-6-5-6	2/26/2002	5'-6'	--	<0.0970	<0.0970	<0.0970	<0.0970	<0.0970	<0.0000970
WVET-5	WVET-5	4/5/2004	4'-4'	--	--	--	--	--	--	--
WVET-6	WVET-6	4/5/2004	4'-4'	--	--	--	--	--	--	--
WVET-11	WVET-11	5/12/2004	4'-4'	--	--	--	--	--	--	--
WVET-17	WVET-17	5/28/2004	4'-4'	--	--	--	--	--	--	--
WVET-18	WVET-18	5/28/2004	4'-4'	--	--	--	--	--	--	--

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene
CAS				205-99-2	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9	206-44-0
Preliminary Screening Level				1.97E-04	0.67	1.97E-03	6.37E-03	2.86E-05	0.54	0.09
A1	A1-3-4.5 20040419	4/19/2004	3'-4.5'	0.00425J	<0.00100	0.00283J	0.00354J	<0.00100	<0.0450	0.00213J
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—
B1	B1-4.5 03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—
B2	B2-10	3/20/1999	10'	—	—	—	—	—	—	—
B2	B2-3-4.5 20040409	4/9/2004	3'-4.5'	<0.00350	<0.00100	<0.00110	0.0149	<0.00100	<0.0450	<0.00190
B3	B3-3-4.5	4/9/2004	3'-4.5'	0.0128	0.0179	0.0128	0.0213	0.00512J	<0.0450	0.0367J
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00350	<0.00100	<0.00110	<0.00160	<0.00100	<0.0450	<0.00190
B5	B5-10	3/20/1999	9.5'-10'	<0.230	<0.230	<0.230	<0.230	<0.230	—	<0.230
B6	B6-5	3/20/1999	4.5'-5'	<0.110	<0.110	<0.110	<0.110	<0.110	—	<0.110
B6	B6-10	3/20/1999	9.5'-10'	<0.190	<0.190	<0.190	<0.190	<0.190	—	<0.190
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	—
B10	B10-10-12	3/26/2003	10'-12'	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130	—	<0.0130
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	0.0360	0.0350	0.0540	0.0980	<0.00920	<0.00920	0.130
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	0.0730	0.0260M	0.100M	0.160	<0.00830	0.0120M	0.210
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.00350	<0.00100	<0.00110	0.00778J	<0.00100	<0.0450	0.0104
C6	C6-3-4.5	4/9/2004	3'-4.5'	0.0172	0.0157	0.0142	0.0554	0.00898J	<0.0450	0.0591
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	<0.0128	<0.0128	<0.0128	<0.0128	<0.0128	—	<0.0128
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—
D0	D0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—
D0	D0-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.0114	<0.0114	<0.0114	<0.0114	<0.0114	—	<0.0114
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.0820	<0.0820	<0.0820	0.0890	<0.0820	<0.0820	0.100
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.0730	<0.0730	<0.0730	<0.0730	<0.0730	<0.0730	<0.0730

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene
				CAS	205-99-2	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9
			Preliminary Screening Level	1.97E-04	0.67	1.97E-03	6.37E-03	2.86E-05	0.54	0.09
DS-2	DS-2-6-8	2/22/2002	6'-8'	1.80	0.590	2.40	3.00	<0.250	0.650	7.00
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.0870	<0.0870	<0.0870	0.110	<0.0870	<0.0870	0.220
E0	E0-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	<0.0124	<0.0124	<0.0124	<0.0124	<0.0124	—	<0.0124
EAST-3	EAST-3	4/1/2004	7'	<0.0118	<0.0118	<0.0118	<0.0118	<0.0118	—	<0.0118
F0	F0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5.5'	—	—	—	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	<0.127	<0.127	<0.127	0.210	<0.127	—	0.190
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	0.0100	<0.0120	<0.0120	0.0700	<0.0120	—	0.0500
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—
G0	G0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—
G0	G0-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—
H0	H0-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—
H0	H0-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-38A	MW38-35	5/2/2002	35'	—	—	—	—	—	—	—

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene
				CAS	205-99-2	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9
			Preliminary Screening Level	1.97E-04	0.67	1.97E-03	6.37E-03	2.86E-05	0.54	0.09
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.0190	<0.00470	<0.0190	<0.00470	<0.00470	<0.00470	<0.00470
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.0190	<0.00470	<0.0190	<0.00470	<0.00470	<0.00470	<0.00470
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.0190	<0.0190	<0.0190	<0.0190	<0.00480	<0.0190	<0.0190
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	—	0.140	—	0.420	0.0300	0.160	0.550
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.0190	<0.00460	<0.0190	<0.00460	<0.00460	<0.00460	<0.00460
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	0.0380	0.0200	0.0280	0.0960	0.00610	0.110	0.320
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.0190	0.00840	<0.0190	0.0110	<0.00460	0.0360	0.0190
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	—	<0.00480	—	<0.00480	<0.00480	<0.00480	<0.00480
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.0190	<0.00450	<0.0190	<0.00450	<0.00450	<0.00450	<0.00450
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.0180	<0.00470	<0.0180	<0.00470	<0.00460	<0.00470	<0.00470
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	—	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.0190	<0.00470	<0.0190	<0.00470	<0.00470	<0.00470	<0.00470
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.0200	<0.00490	<0.0200	<0.00490	<0.00490	<0.00490	<0.00490
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	—	—	—	—	—
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.0180	<0.00480	<0.0180	<0.00480	<0.00460	<0.00480	<0.00480
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.0200	<0.00480	<0.0200	<0.00480	<0.00480	<0.00480	<0.00480
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.00820	<0.00820	0.00410M	0.00980	<0.00820	0.0190	0.0150
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	—	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	0.0220Y	0.0190Y	0.0190Y	0.0290M	<0.00810	0.00810M	0.0480M
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	—	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	—	—	—	—	—	—	—
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	—	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.0770	<0.0770	<0.0770	0.160	<0.0770	0.120	0.250
NA-5	NA-5-5-7	2/20/2002	5'-7'	0.410	0.130Y	0.310Y	1.60	0.150Y	1.10	2.80
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	0.0200	0.0270	0.0200	0.0260	0.00570J	0.00570J	0.0300
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	0.0730	0.0510M	0.0600M	0.120	0.0180	0.0210M	0.0990
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	—
S5	S5-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—
SFA-7	SFA-7-4-5 3292004	3/29/2004	4'-5'	—	—	—	—	—	—	—
SFA-B2-8	SFA-B2-8 4292004	4/29/2004	7.5'-8'	<0.00350	<0.00100	<0.00110	<0.00160	<0.00100	—	<0.00190
SFA-B9-5	SFA-B9-5 712004	7/1/2004	4.5'-5'	<0.00350	<0.00100	<0.00110	<0.00160	<0.00100	—	<0.00190
SFA-N11-3.5	SFA-N11-3.5 722004	7/2/2004	3.5'	0.0126	0.0117	0.0144	0.0180	0.00540J	—	0.0306
SFA-N1-8	SFA-N1-8 4282004	4/28/2004	8'	<0.00350	0.00814J	<0.00110	0.0163	<0.00100	—	0.00930J
SFA-S4-7.5	SFA-S4-7.5 4292004	4/29/2004	7.5'	<0.00350	<0.00100	<0.00110	<0.00160	<0.00100	—	<0.00190
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	—
SS-BOT-03	SS-BOT-03 20071102	11/2/2007	5.5'-6'	0.0640	0.0410	<0.0300	0.0600	<0.0300	<0.0300	0.120
SS-BOT-04	SS-BOT-04 20071102	11/2/2007	5.5'-6'	0.190	0.150	0.0610	0.170	0.0350	<0.0300	0.250
SS-BOT-05	SS-BOT-05 20071126	11/26/2007	22.5'-23'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-BOT-06	SS-BOT-06 20071206	12/6/2007	6.5'-7'	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
SS-BOT-07	SS-BOT-07 20071206	12/6/2007	6.5'-7'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-BOT-08	SS-BOT-08 20071206	12/6/2007	6.5'-7'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene
CAS				205-99-2	191-24-2	207-08-9	218-01-9	53-70-3	132-64-9	206-44-0
Preliminary Screening Level				1.97E-04	0.67	1.97E-03	6.37E-03	2.86E-05	0.54	0.09
SS-BOT-1	SS-BOT-1 20071101	11/1/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	0.100
SS-BOT-2	SS-BOT-2 20071101	11/1/2007	14.5'-15'	0.0560	0.0340	<0.0300	0.0680	<0.0300	0.110	0.280
SS-SW-01	SS-SW-01 20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-02	SS-SW-02 20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-03	SS-SW-03 20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-04	SS-SW-04 20071102	11/2/2007	4.5'-5'	0.140	0.0810	0.0430	0.160	<0.0300	0.120	0.670
SS-SW-05	SS-SW-05 20071102	11/2/2007	7.5'-8'	0.300	0.130	0.110	0.470	0.0410	0.850	2.50
SS-SW-06	SS-SW-06 20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-07	SS-SW-07 20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-08	SS-SW-08 20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-09	SS-SW-09 20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-10	SS-SW-10 20071128	11/28/2007	4.5'-5'	0.0310	0.0330	<0.0300	0.0350	<0.0300	<0.0300	0.0590
SS-SW-11	SS-SW-11 20071128	11/28/2007	4.5'-5'	0.0400	0.0300	<0.0300	0.0390	<0.0300	<0.0300	0.0710
SS-SW-12	SS-SW-12 20071206	12/6/2007	4.5'-5'	0.150	0.120	0.0560	0.150	<0.0300	<0.0300	0.240
SS-SW-13	SS-SW-13 20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	0.0340	<0.0300	<0.0300	0.0670
SS-SW-14	SS-SW-14 20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-15	SS-SW-15 20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-16	SS-SW-16 20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SS-SW-17	SS-SW-17 20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
SW05-W-7	SW05-W-7_08/02/2001	8/2/2001	7'	<0.0710	<0.0710	<0.0710	0.190	<0.0710	<0.0710	0.0760
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	0.190	0.0900	0.180	0.250	0.0500	—	0.730
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	0.140	<0.117	0.170	0.180	<0.117	—	0.160
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	—	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	<0.0112	<0.0112	<0.0112	<0.0112	<0.0112	—	<0.0112
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.0970	<0.0970	<0.0970	<0.0970	<0.0970	<0.0970	<0.0970
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	—	—	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	—	—	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	—	—	—	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	—	—	—	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	—	—	—	—	—

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total LPAHs	Total cPAH TEQ
CAS				86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	T_LPAH_1	TOT_CPAH
Preliminary Screening Level				0.03	5.55E-04	2.07E-03	1.5	0.14	5.20	1.55E-05
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.00170	<0.00390	0.00213J	0.00283J	0.00283J	0.00200	0.00182
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	<0.0000215	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	0.000945	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	0.0000398	—	—	—	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	<0.0000550	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	<0.0000247	—	—	—	—
B2	B2-10	3/20/1999	10'	—	—	<0.0000630	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.00170	<0.00390	—	0.00413J	<0.00200	0.0	0.00938
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.00170	0.0111	0.00598J	0.0410J	0.0487J	0.0	0.025
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00170	<0.00390	<0.0000226	<0.00150	<0.00200	0.0	<0.001113
B5	B5-10	3/20/1999	9.5'-10'	<0.230	<0.230	<0.000230	<0.230	<0.230	—	<0.174
B6	B6-5	3/20/1999	4.5'-5'	<0.110	<0.110	<0.000110	<0.110	<0.110	—	<0.143
B6	B6-10	3/20/1999	9.5'-10'	<0.190	<0.190	<0.000190	<0.190	<0.190	—	<0.0831
B8	B8-15	3/20/1999	14.5'-15'	—	—	<0.0000690	—	—	—	—
B10	B10-10-12	3/26/2003	10'-12'	<0.0130	<0.0130	<0.0130	<0.0130	<0.0130	—	<0.00982
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	<0.0000242	—	—	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	<0.0000138	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	<0.0000265	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	0.000145	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	<0.0000216	—	—	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	<0.0000263	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	<0.0000620	—	—	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.00920	0.0190	0.0000180	0.110	0.150	—	0.0700
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	<0.0000650	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	<0.0000690	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	<0.0000590	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	<0.0000540	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	0.0310	0.0190M	0.0000140	0.150	0.240	—	0.111
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	<0.0000241	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.00170	<0.00390	<0.00170	0.0112	<0.00200	0.00650	0.00635
C6	C6-3-4.5	4/9/2004	3'-4.5'	0.144J	0.0105	0.0389J	0.106	0.0673J	0.0465	0.0441
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	0.0000335	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	<0.0000245	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	<0.0128	<0.0128	<0.0000644	<0.0128	<0.0128	—	<0.009664
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	<0.0000231	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	<0.0000237	—	—	—	—
D0	D0-3-4.5	3/30/2004	3'-4.5'	—	—	<0.0000257	—	—	—	—
D0	D0-7.5-9	3/30/2004	7.5'-9'	—	—	<0.0000240	—	—	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	<0.0000244	—	—	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	<0.0000217	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	<0.0000233	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	<0.0000240	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	<0.0000233	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.0114	<0.0114	0.0000759	0.0100	<0.0114	—	<0.00861
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	<0.00600	—	—	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	<0.00640	—	—	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	<0.0000570	—	—	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.0820	<0.0820	<0.0000820	<0.0820	0.110	—	0.0624
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.0730	<0.0730	<0.0000730	<0.0730	<0.0730	—	<0.0551

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total LPAHs	Total cPAH TEQ
CAS				86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	T_LPAH_1	TOT_CPAH
Preliminary Screening Level				0.03	5.55E-04	2.07E-03	1.5	0.14	5.20	1.55E-05
DS-2	DS-2-6-8	2/22/2002	6'-8'	1.10	0.730	0.0000560	7.80	5.40	—	3.20
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.0870	<0.0870	<0.0000870	0.280	0.200	—	0.0711
E0	E0-3-4.5	3/31/2004	3'-4.5'	—	—	<0.00000233	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	<0.00000251	—	—	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	<0.00000214	—	—	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	<0.00000225	—	—	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	<0.00000248	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	<0.00000220	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	0.00000506	—	—	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	<0.102	—	—	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	<0.114	—	—	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	<0.114	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	<0.0124	<0.0124	<0.00000620	<0.0124	<0.0124	—	<0.00936
EAST-3	EAST-3	4/1/2004	7'	<0.0118	<0.0118	<0.00000588	<0.0118	<0.0118	—	<0.00891
F0	F0-3-4.5	3/30/2004	3'-4.5'	—	—	<0.00000239	—	—	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	<0.00000269	—	—	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	<0.00000264	—	—	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	<0.00000256	—	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	<0.00000257	—	—	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	<0.00000251	—	—	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	<0.00000253	—	—	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	<0.00000248	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	0.160	<0.127	5.90	0.590	0.270	—	0.0974
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	<0.00000255	—	—	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	<0.00000238	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	0.0300	<0.0120	1.16	0.160	0.0700	—	0.0115
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	<0.117	—	—	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	0.330	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	0.970	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	<0.00000266	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	<0.0000138	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	<0.00000246	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	<0.00000264	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	<0.125	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	<0.00000247	—	—	—	—
G0	G0-3-4.5	3/30/2004	3'-4.5'	—	—	<0.00000249	—	—	—	—
G0	G0-6-7.5	3/30/2004	6'-7.5'	—	—	<0.00000234	—	—	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	<0.00000271	—	—	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	<0.00000250	—	—	—	—
H0	H0-3-4.5	3/31/2004	3'-4.5'	—	—	<0.00000265	—	—	—	—
H0	H0-6-7.5	3/31/2004	6'-7.5'	—	—	<0.00000675	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	0.00000661	—	—	—	—
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	<0.00000239	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	<0.00000274	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	<0.00000278	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	<0.00000259	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	0.00000430	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	<0.00000209	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	<0.00000235	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	<0.00000201	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	<0.00000216	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	<0.00000233	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	<0.00000252	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	<0.00000456	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	<0.00000222	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	<0.00000225	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	<0.00000315	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	<0.00000250	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	<0.00000252	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	0.0000110	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	<0.127	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.0755
MW-38A	MW38-35	5/2/2002	35'	—	—	<0.00000500	—	—	—	—

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total LPAHs	Total cPAH TEQ
				CAS	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	T_LPAH_1
			Preliminary Screening Level	0.03	5.55E-04	2.07E-03	1.5	0.14	5.20	1.55E-05
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.00470	<0.00470	0.00530	0.00680	<0.00470	—	<0.00498
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.00470	<0.00470	0.00840	0.0140	<0.00470	—	<0.00498
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	—	<0.0136
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	0.0770	0.0960	0.390	0.700	0.680	—	0.195
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.00460J	<0.00460	0.0370	<0.00460	<0.00460	—	<0.00491
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	0.160	0.0180J	0.180	0.670	0.210	—	0.0458
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	0.0480	0.00630	0.370	0.0400	0.0200	—	0.0168
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	<0.00610	—	—	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	<0.450	—	—	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	<0.840	—	—	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	—	<0.00314
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.00450J	<0.00450	<0.00450J	<0.00450J	<0.00450	—	<0.00485
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.00470	<0.00470	<0.00470	<0.00470	<0.00470	—	<0.00487
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	<0.00620	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.00470	<0.00470	0.0120	0.00680	<0.00470	—	<0.00498
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.00490	<0.00490	0.00720	0.00880	<0.00490	—	<0.00521
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	<0.00740	—	—	—	—
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	—	<0.00493
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00480	<0.00480	<0.00480	<0.00480	<0.00480	—	<0.00514
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	<0.0000287	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	<0.0000242	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	<0.0000270	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	<0.0000610	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	0.0560	<0.00820	<0.0000820	0.0260	0.0240B	—	0.00625
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	<0.0000600	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	0.0330M	0.0100Y	0.0000400M	0.0440	0.0760B	—	0.0113
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	<0.0000580	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	<0.0000640	—	—	—	—
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	—	—	<0.0000600	—	—	—	—
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	<0.0000580	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	0.220	<0.0770	0.000330	0.550	0.320	—	0.0638
NA-5	NA-5-5-7	2/20/2002	5'-7'	2.30	0.110Y	0.00390	5.40	3.10	—	0.607
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	0.00740J	0.0180	0.0000120	0.0220	0.0330B	—	0.0327
NA-7	NA-7-5-5-6.5	2/21/2002	5.5'-6.5'	0.0410	0.0280	0.000630	0.0820	0.130B	—	0.0602
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	<0.0000650	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	<0.0000248	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	<0.0000289	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	<0.0000280	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	<0.0000270	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	<0.0000277	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	<0.0000265	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	<0.0000273	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	<0.0000274	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	<0.0000281	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	<0.0000271	—	—	—	—
S5	S5-5-6.5	4/6/2004	5'-6.5'	—	—	<0.0000304	—	—	—	—
SFA-7	SFA-7-4-5 3292004	3/29/2004	4'-5'	—	—	<0.000800	—	—	—	—
SFA-B2-8	SFA-B2-8 4292004	4/29/2004	7.5'-8'	<0.00170	<0.00390	<0.000800	<0.00150	<0.00200	—	<0.00111
SFA-B9-5	SFA-B9-5 712004	7/1/2004	4.5'-5'	<0.00170	<0.00390	<0.000800	<0.00150	0.00337J	—	<0.00111
SFA-N11-3.5	SFA-N11-3.5 722004	7/2/2004	3.5'	<0.00170	0.0108	<0.000800	0.0144	0.0279	—	0.0232
SFA-N1-8	SFA-N1-8 4282004	4/28/2004	8'	0.00698J	<0.00390	<0.000800	0.0151	0.0186	—	0.00224
SFA-S4-7.5	SFA-S4-7.5 4292004	4/29/2004	7.5'	<0.00170	<0.00390	<0.000800	<0.00150	<0.00200	—	<0.00111
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	<0.0000302	—	—	—	—
SS-BOT-03	SS-BOT-03 20071102	11/2/2007	5.5'-6'	<0.0300	0.0410	<0.0300	0.0810	0.0880	—	0.0585
SS-BOT-04	SS-BOT-04 20071102	11/2/2007	5.5'-6'	<0.0300	0.150	<0.0300	0.0850	0.210	—	0.195
SS-BOT-05	SS-BOT-05 20071126	11/26/2007	22.5'-23'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0227
SS-BOT-06	SS-BOT-06 20071206	12/6/2007	6.5'-7'	<0.300	<0.300	<0.0100	<0.300	<0.300	—	<0.227
SS-BOT-07	SS-BOT-07 20071206	12/6/2007	6.5'-7'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0227
SS-BOT-08	SS-BOT-08 20071206	12/6/2007	6.5'-7'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0212

Table B-8 - Polycyclic Aromatic Hydrocarbons in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbon's (milligrams per kilogram)						
				Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total LPAHs	Total cPAH TEQ
CAS				86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	T_LPAH_1	TOT_CPAH
Preliminary Screening Level				0.03	5.55E-04	2.07E-03	1.5	0.14	5.20	1.55E-05
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	0.120	0.0730	—	<0.0227
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	0.200	0.0300	0.210	0.390	0.200	—	0.0725
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0227
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0227
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0227
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	0.370	0.0800	0.180	0.640	0.440	—	0.163
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	1.30	0.140	1.70	3.80	1.50	—	0.371
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0227
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0227
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0227
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	0.0330	<0.0300	—	<0.0227
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	0.0320	<0.0300	<0.0100	0.0720	0.0610	—	0.0505
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0300	<0.0300	<0.0100	0.0390	0.0680	—	0.0578
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0300	0.100	<0.0100	0.150	0.260	—	0.217
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0100	0.0490	0.0670	—	0.0446
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0227
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0227
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0227
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0100	<0.0300	<0.0300	—	<0.0227
SW05-W-7	SW05-W-7_08/02/2001	8/2/2001	7'	<0.0710	<0.0710	<0.0000710	<0.0710	0.340	—	0.100
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	0.0800	0.0900	0.0100	0.110	0.610	—	0.244
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	<0.117	<0.117	<0.0000234	0.250	0.130	—	0.242
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	<0.0000268	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	0.000565	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	<0.0000242	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	<0.0000260	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	0.000596	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	0.000396	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	0.000102	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	<0.0000230	—	—	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	<0.0000225	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	<0.0000122	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	0.000287	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	<0.0000238	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	<0.0112	<0.0112	<0.0000562	<0.0112	<0.0112	—	<0.00846
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	<0.0000580	—	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	<0.0000690	—	—	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	<0.0000570	—	—	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	<0.0000680	—	—	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	<0.0000630	—	—	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	<0.0000660	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	<0.0000700	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	<0.0000690	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.0970	<0.0970	<0.0000730	<0.0970	<0.0970	—	<0.0248
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	<0.0000579	—	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	<0.0000542	—	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	<0.0000532	—	—	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	<0.0000555	—	—	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	<0.0000587	—	—	—	—

Notes:
Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable saturated soil
< - sample less than the indicated method detection limit
Bold indicates analyte detected
Orange indicates value is above the preliminary screening level
Blue indicates method reporting limit greater than screening level
D - sample diluted
J - estimated concentration above the method detection limit but below the method reporting limit
R - sample result rejected due to being non detect and having no surrogate recovery
Y - estimated concentration

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
	CAS			90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
Preliminary Screening Level				—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
A1	A1-RGW_4192004	4/19/2004	—	0.0414J	0.0269J	0.0188J	<0.00843	<0.00342	0.00513J	0.00384J	0.00419J	0.00375J
A1	A1-RGW RE1_4192004	4/19/2004	—	0.582	0.539	0.331	<0.00843	0.0141J	<0.00367	<0.00194	<0.00285	<0.00274
B1	B1-RGW_3252004	3/25/2004	—	0.0466J	0.0351J	0.0266J	<0.00937	<0.00380	<0.00408	<0.00216	<0.00317	<0.00304
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	<0.0174	<0.0266	0.0193J	<0.00947	<0.00384	<0.00412	<0.00218	<0.00320	<0.00308
F1	F1-RGW_3192004	3/19/2004	—	0.0249J	0.0270J	0.0190J	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
F3	F3-RGW_3172004	3/17/2004	—	<0.0155	<0.0237	<0.00462	<0.00843	0.00919J	<0.00367	<0.00194	<0.00285	<0.00274
F5	F5-RGW_472004	4/7/2004	—	0.0938J	0.0614J	0.0659J	0.0202J	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
FTF-1	FTF-1-RGW_472004	4/7/2004	—	0.0371J	0.0448J	0.0287J	<0.0102	<0.00412	<0.00442	<0.00234	<0.00343	<0.00330
G6	G6-RGW_3182004	3/18/2004	—	<0.0155	<0.0237	0.00596J	<0.00843	0.00474J	<0.00367	<0.00194	<0.00285	<0.00274
H3	H3-RGW_3172004	3/17/2004	—	<0.0155	<0.0237	0.0113J	<0.00843	0.00778J	<0.00367	<0.00194	<0.00285	<0.00274
J4	J4-RGW_3182004	3/18/2004	—	0.0165J	<0.0237	0.00971J	<0.00843	0.0309J	<0.00367	<0.00194	<0.00285	<0.00274
K5	K5-RGW_412004	4/1/2004	—	0.109	<0.0237	0.148	<0.00843	0.00880J	<0.00367	<0.00194	<0.00285	<0.00274
L1	L1-RGW RE1_4202004	4/20/2004	—	<0.0155	<0.0237	<0.00462	<0.00843	<0.00342	0.0207	0.0154	<0.00285	0.0280J
L1	L1-RGW_4202004	4/20/2004	—	<0.0172	<0.0263	<0.00513	<0.00937	<0.00380	<0.00408	<0.00216	<0.00317	<0.00304
L3	L3-RGW_3192004	3/19/2004	—	<0.0155	<0.0237	<0.00462	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
L6	L6-RGW_412004	4/1/2004	—	0.0856J	0.0640J	0.0545J	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
M7	M7-RGW_452004	4/5/2004	—	0.0370J	<0.0237	0.103	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
MW-1A	MW-1A_03/28/2002	3/28/2002	—	—	<0.0100	<0.0100	<0.0100	0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-1A	030606-MW-1A	3/6/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-1A	MW-1A_08/14/2006	8/14/2006	—	—	0.0400	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-4A	MW-4A_03/28/2002	3/28/2002	—	—	0.0800M	0.960	0.0600Y	0.120M	0.0100	<0.0100	<0.0100	<0.0100
MW-6A	MW-6A_03/28/2002	3/28/2002	—	—	7.20E	2.80E	0.0600Y	0.130Y	0.0300	0.0100	0.0100MJ	0.0100MJ
MW-6A(R)	MW-6A(R) RE	4/29/2004	—	0.466	0.350	0.112	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
MW-6A(R)	MW-6A(R)	4/29/2004	—	0.520	0.420	0.140	<0.0310	<0.0240	<0.0310	<0.0240	<0.0490	<0.0430
MW-7A	MW-7A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	—	0.0100J	0.390	0.0200	0.0100MJ	<0.0100	<0.0100	<0.0100	<0.0100
MW-7A	MW-7A	2/20/2004	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—
MW-7A	030206-MW-7A	3/2/2006	—	—	<0.0100	0.630	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-7A	MW-7A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_08/10/2006	8/10/2006	—	—	<0.0100	1.60	0.0140	0.0530	<0.0100	<0.0100	<0.0100	<0.0100
MW-7A	MW-7A_08/10/2006	8/10/2006	—	—	—	2.10	—	—	—	—	—	—
MW-7A	MW-7A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-7A	092711-MW7A	9/27/2011	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	<0.000800	<0.00200	0.00200J	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
	CAS			90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
	Preliminary Screening Level			—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-8A	MW-8A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	—	0.0100	<0.0100	0.0100	0.0300M	0.0100J	0.0100J	0.0100J	0.0100
MW-8A	030306-MW-8A	3/3/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-8A	MW-8A_08/14/2006	8/14/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	—	—
MW-8B	MW-8B_03/28/2002	3/28/2002	—	—	0.200	0.140	<0.0100	0.0100J	<0.0100	<0.0100	<0.0100	<0.0100
MW-8B	030606-MW-8B	3/6/2006	—	—	<0.0100	0.180	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-8B	MW-8B_08/14/2006	8/14/2006	—	—	<0.0100	0.190	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-8B	100411-MW8B	10/4/2011	—	—	—	—	—	—	—	—	—	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—	—	0.0100J	0.0200	<0.0100	0.0200	<0.0100	<0.0100	<0.0100	<0.0100
MW-9A	030306-MW-9A	3/3/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-9A	MW-9A_08/14/2006	8/14/2006	—	—	0.0300	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-9A	092811-MW-9A	9/28/2011	—	—	—	—	—	—	—	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-11A	030306-MW-11A	3/3/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-11A	MW-11A_08/11/2006	8/11/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-11A	100311-MW11A	10/3/2011	—	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03262002	3/26/2002	—	—	0.0300	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-12A	092911-MW12A	9/29/2011	—	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	—	0.0100M	0.0400	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-14A	MW-101A	3/27/2002	—	—	0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-14A	030306-MW-14A	3/3/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-14A	MW-14A_08/11/2006	8/11/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-14A	092911-MW14A	9/29/2011	—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—	—	0.0100MJ	<0.0100	<0.0100	0.0100J	<0.0100	<0.0100	<0.0100	<0.0100
MW-15A	100311-MW15A	10/3/2011	—	—	—	—	—	—	—	—	—	—
MW-15A	100311-MW200	10/3/2011	—	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	0.00300J	0.00300J	0.00200J	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—	—	<0.0100	<0.0100	<0.0100	0.0100J	<0.0100	<0.0100	<0.0100	<0.0100
MW-16A	030606-MW-102	3/6/2006	—	—	0.0160	0.0110	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-16A	030606-MW-16A	3/6/2006	—	—	0.0130	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-16A	MW-105	8/14/2006	—	—	0.340	0.0950	0.0150	0.0310	<0.0100	<0.0100	<0.0100	<0.0100
MW-16A	MW-16A_08/14/2006	8/14/2006	—	—	0.390	0.100	0.0180	0.0370	<0.0100	<0.0100	<0.0100	<0.0100
MW-16A	093011-MW16A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-18A	MW-18A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	—	0.0100M	<0.0100	<0.0100	0.0100J	<0.0100	<0.0100	<0.0100	<0.0100
MW-18A	092911-MW18A	9/29/2011	—	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	<0.000800	<0.00200	0.00200J	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—	—	0.0100J	<0.0100	<0.0100	0.0100MJ	<0.0100	<0.0100	<0.0100	<0.0100
MW-22A	MW-22A_03/28/2002	3/28/2002	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-22A	093011-MW22A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—	—	0.0100M	0.0100MJ	<0.0100	0.0100J	<0.0100	<0.0100	<0.0100	<0.0100
MW-23A	092911-MW23A	9/29/2011	—	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-24A	MW-24A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
					1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
					90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
				Preliminary Screening Level	—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—		—	0.0100M	6.40E	0.260	0.0400M	<0.0100	<0.0100	<0.0100	<0.0100
MW-24A	100411-MW24A	10/4/2011	—		—	—	—	—	—	—	—	—	—
MW-24A	MW-24A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—		—	0.0200	3.10	0.130	0.0200M	<0.0100	<0.0100	<0.0100	<0.0100
MW-25A	030206-MW-25A	3/2/2006	—		—	<0.0100	2.00	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-25A	030206-MW-25A	3/2/2006	—		—	—	2.00	—	—	—	—	—	—
MW-25A	MW-25A_08/10/2006	8/10/2006	—		—	<0.0120	1.00	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120
MW-25A	093011-MW25A	9/30/2011	—		—	—	—	—	—	—	—	—	—
MW-25A	MW-25A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26A	MW-26A_20050131	1/31/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050404	4/4/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050712	7/12/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050927	9/27/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20051227	12/27/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—		—	0.0900	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26A	AHT-26A	2/27/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26A	MW-26A_20060411	4/11/2006	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20060626	6/26/2006	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26A	MW-26A_20061003	10/3/2006	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20070112	1/12/2007	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20070413	4/13/2007	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_092807	9/28/2007	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-00_092807	9/28/2007	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-00_122007	12/20/2007	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_122007	12/20/2007	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-032708	3/27/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26-032708	3/27/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-061608	6/16/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26-061608	6/16/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-01_093008	9/30/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_093008	9/30/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-123108	12/31/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26-123108	12/31/2008	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-032609	3/26/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26A-092609	3/26/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-63009	6/30/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26A-63009	6/30/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-92309	9/23/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26A-92309	9/23/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	DUP-122309	12/23/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	MW26A-122309	12/23/2009	—		—	—	—	—	—	—	—	—	—
MW-26A	101311-MW26A	10/13/2011	—		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00
MW-26A	101311-MW600	10/13/2011	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A-2/1/2019	2/1/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-26B	MW-26B_03/24/2000	3/24/2000	—		—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26B	ALT-26B	2/27/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
					1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
					90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
				Preliminary Screening Level	—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-26B	AHT-26B	2/27/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26B	MW-103	8/7/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26B	MW-26B_08/07/2006	8/7/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26B	101311-MW26B	10/13/2011	—		—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/24/2000	3/24/2000	—		—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26C	MW-103C	3/29/2002	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26C	ALT-DUP	2/27/2006	—		—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26C	ALT-26C	2/27/2006	—		—	0.0920	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26C	AHT-26C	2/27/2006	—		—	0.150	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26C	MW-26C_08/07/2006	8/7/2006	—		—	0.360	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-26C	101311-MW26C	10/13/2011	—		—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	—		—	0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-27A	093011-MW27A	9/30/2011	—		—	—	—	—	—	—	—	—	—
MW-27A	MW-27A-1/29/2019	1/29/2019	—		—	—	—	—	<0.000800	<0.00200	<0.000500	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—		—	—	—	—	<0.000800	<0.00200	<0.000500	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—		—	0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28A	030306-MW-28A	3/3/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28A	MW-104	8/11/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28A	MW-28A_08/11/2006	8/11/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28A	100311-MW28A	10/3/2011	—		—	—	—	—	—	—	—	—	—
MW-28A	MW-28A-1/29/2019	1/29/2019	—		—	—	—	—	<0.000800	<0.00200	<0.000500	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	—		—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—		—	0.0400	<0.0100	<0.0100	<0.0100	<0.0100	0.0200	<0.0100	<0.0100
MW-28B	MW-102B	3/28/2002	—		—	0.0200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28B	030306-MW-101	3/3/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28B	030306-MW-28B	3/3/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28B	MW-28B_08/11/2006	8/11/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-28B	100311-MW28B	10/3/2011	—		—	—	—	—	—	—	—	—	—
MW-28B	MW-28B-1/29/2019	1/29/2019	—		—	—	—	—	<0.000800	<0.00200	<0.000500	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	—		—	0.0200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29A	MW-29A_20050131	1/31/2005	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050404	4/4/2005	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050712	7/12/2005	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050929	9/29/2005	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20051227	12/27/2005	—		—	—	—	—	—	—	—	—	—
MW-29A	022706-MW-29A	2/27/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29A	MW-29A_20060411	4/11/2006	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20060626	6/26/2006	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29A	MW-29A_20061003	10/3/2006	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20070112	1/12/2007	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20070413	4/13/2007	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_092807	9/28/2007	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_122007	12/20/2007	—		—	—	—	—	—	—	—	—	—
MW-29A	MW29-032708	3/27/2008	—		—	—	—	—	—	—	—	—	—
MW-29A	MW29-061608	6/16/2008	—		—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_093008	9/30/2008	—		—	—	—	—	—	—	—	—	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
			CAS	90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
			Preliminary Screening Level	—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-29A	MW29-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-29A	101211-MW29A	10/12/2011	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-29B	MW-29B_03262002	3/26/2002	—	—	0.0500	0.0100J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29B	022806-MW-29B	2/28/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29B	MW-29B_08/10/2006	8/10/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29B	101211-MW29B	10/12/2011	—	—	—	—	—	—	—	—	—	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29C	022706-MW-29C	2/27/2006	—	—	0.0560	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29C	MW-29C_08/07/2006	8/7/2006	—	—	0.330	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-29C	101211-MW29C	10/12/2011	—	—	—	—	—	—	—	—	—	—
MW-29C	101211-MW400	10/12/2011	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	—	—	0.0300	0.580	<0.0100	0.0600	<0.0100	<0.0100	<0.0100	<0.0100
MW-30A	MW-30A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—
MW-30A	AHT-DUP	2/28/2006	—	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	022806-MW-30A	2/28/2006	—	—	<0.0100	0.920	<0.0100	0.0240	<0.0100	<0.0100	<0.0100	<0.0100
MW-30A	ALT-MW-30A	2/28/2006	—	—	<1.00	1.50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	AHT-MM-30A	2/28/2006	—	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_08/10/2006	8/10/2006	—	—	<0.0100	2.10	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-30A	MW-30A_08/10/2006	8/10/2006	—	—	—	1.70	—	—	—	—	—	—
MW-30A	MW-30A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-30A	092911-MW30A	9/29/2011	—	<1.00	<1.00	5.00	<1.00	<1.00	<1.00	<1.00	—	<1.00
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	0.00200J	<0.00200	<0.000500	—
MW-31A	MW-31A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	—	0.0200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
					1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
					90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
				Preliminary Screening Level	—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-32A	MW-32A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—		—	0.0100J	3.80	0.160	0.0200M	<0.0100	<0.0100	<0.0100	<0.0100
MW-32A	092711-MW32A	9/27/2011	—		—	—	—	—	—	—	—	—	—
MW-32A	MW-32A-1/30/2019	1/30/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—		—	0.0200	1.70	0.100	0.0200	<0.0100	<0.0100	<0.0100	<0.0100
MW-33A	092911-MW33A	9/29/2011	—		—	—	—	—	—	—	—	—	—
MW-33A	MW-33A-1/30/2019	1/30/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—		—	0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-34A	092911-MW34A	9/29/2011	—		—	—	—	—	—	—	—	—	—
MW-34A	MW-34A-1/30/2019	1/30/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-34A	MW-101-1/30/2019	1/30/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-35A	MW-35A_20050131	1/31/2005	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050404	4/4/2005	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050712	7/12/2005	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050927	9/27/2005	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20051227	12/27/2005	—		—	—	—	—	—	—	—	—	—
MW-35A	022806-MW-35A	2/28/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-35A	MW-35A_20060411	4/11/2006	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20060626	6/26/2006	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_08/08/2006	8/8/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-35A	MW-35A_20061003	10/3/2006	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20070112	1/12/2007	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20070413	4/13/2007	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_092807	9/28/2007	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_122007	12/20/2007	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35-032708	3/27/2008	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35-061608	6/16/2008	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_093008	9/30/2008	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35-123108	12/31/2008	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35A-032609	3/26/2009	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35A-63009	6/30/2009	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35A-92309	9/23/2009	—		—	—	—	—	—	—	—	—	—
MW-35A	MW35A-122309	12/23/2009	—		—	—	—	—	—	—	—	—	—
MW-35A	101111-MW35A	10/11/2011	—		—	—	—	—	—	—	—	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—		—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-35B	022806-MW-35B	2/28/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-35B	MW-35B_08/08/2006	8/8/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-35B	101111-MW35B	10/11/2011	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_03262002	3/26/2002	—		—	0.0300	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-36A	MW-36A_20050131	1/31/2005	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050404	4/4/2005	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050712	7/12/2005	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050929	9/29/2005	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20051227	12/27/2005	—		—	—	—	—	—	—	—	—	—
MW-36A	022806-MW-36A	2/28/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-36A	MW-36A_20060411	4/11/2006	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20060626	6/26/2006	—		—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_08/10/2006	8/10/2006	—		—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-36A	MW-36A_20061003	10/3/2006	—		—	—	—	—	—	—	—	—	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
	CAS			90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
	Preliminary Screening Level			—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-36A	MW-36A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-36A	101111-MW36A	10/11/2011	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-36B	MW-36B_03262002	3/26/2002	—	—	0.0300	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-36B	022806-MW-36B	2/28/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-36B	MW-36B_08/08/2006	8/8/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-36B	101111-MW36B	10/11/2011	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_03262002	3/26/2002	—	—	0.0500	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-37A	MW-37A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050714	7/14/2005	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	092811-MW37A	9/28/2011	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	<0.000800	<0.00200	0.00100J	—
MW-37B	MW-37B_03262002	3/26/2002	—	—	0.0200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-37B	093011-MW37B	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-38A	MW38-15	5/2/2002	15'	—	—	—	—	—	—	—	—	—
MW-38A	MW38-25	5/2/2002	25'	—	—	—	—	—	—	—	—	—
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	—	—	—	—
MW-38A	093011-MW38A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-38A	093011-MW100	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	—	—	—	—
MW-39A	030206-MW-39A	3/2/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
	CAS			90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
	Preliminary Screening Level			—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-39A	MW-39A_08/11/2006	8/11/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-39A	100311-MW39A	10/3/2011	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40	2/17/2004	—	—	—	—	—	—	—	—	—	—
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-40B	101111-MW40B	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-40B	101111-MW300	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-41A	MW-41	2/17/2004	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-41A	MW-41A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_08/11/2006	8/11/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-41A	MW-41A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	092911-MW41A	9/29/2011	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-42A	MW-42A RE	4/29/2004	—	0.121	<0.0237	0.0287J	<0.00843	0.0590J	<0.00367	<0.00194	<0.00285	<0.00274
MW-42A	MW-42A	4/29/2004	—	—	<0.0310	<0.0340	<0.0310	<0.0240	<0.0310	<0.0240	<0.0490	<0.0430
MW-42A	030606-MW-42A	3/6/2006	—	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0240
MW-42A	MW-42A_08/14/2006	8/14/2006	—	—	0.0130	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
MW-42A	093011-MW42A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-44A	101311-MW44A	10/13/2011	—	<0.100	<0.100	0.250	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-45A	092811-MW-45A	9/28/2011	—	<0.100J	<0.100J	0.990J	<0.100J	<0.100J	<0.100J	<0.100J	—	<0.100J

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)								
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
CAS				90-12-0	91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
Preliminary Screening Level				—	—	5.34	—	2.15	0.00016	0.000016	0.00016	—
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-46A	100411-MW46A	10/4/2011	—	<0.100J	<0.100J	1.20J	<0.100J	<0.100J	<0.100J	<0.100J	—	<0.100J
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-47A	101311-MW47A	10/13/2011	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	—	<0.110
MW-47A	101311-MW700	10/13/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-47B	101311-MW47B	10/13/2011	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	—	<0.110
MW-48A	101111-MW48A	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	<0.000800	<0.00200	<0.000500	—
MW-48B	101111-MW48B	10/11/2011	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	—	<0.110
MW-49A	101211-MW49A	10/12/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	<0.100
MW-49A	101211-MW500	10/12/2011	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	—	<0.110
MW-49B	101211-MW49B	10/12/2011	—	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	—	<0.100J
N2	N2-RGW_4202004	4/20/2004	—	<0.0174	<0.0266	<0.00519	<0.00947	<0.00384	0.00447J	0.00371J	<0.00320	<0.00308
N2	N2-RGW RE1_4202004	4/20/2004	—	0.0382J	0.0269J	0.0334J	<0.00843	0.0188J	0.0232	0.0289	<0.00285	0.0263J
N5	N5-RGW_3232004	3/23/2004	—	0.0193J	<0.0237	0.0157J	<0.00843	0.00990J	<0.00367	<0.00194	<0.00285	<0.00274
N6	N6-RGW_3232004	3/23/2004	—	0.0325J	0.0356J	0.0251J	<0.00843	0.00804J	<0.00367	<0.00194	<0.00285	<0.00274
P1	PI-RGW_4152004	4/15/2004	—	<0.0155	<0.0237	<0.00462	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
P3	P3-RGW_4122004	4/12/2004	—	<0.0191	<0.0293	0.0122J	<0.0104	0.0242J	<0.00453	<0.00240	<0.00352	<0.00338
R1	R1-RGW_422004	4/2/2004	—	0.0450J	<0.0237	0.0453J	<0.00843	<0.00342	<0.00367	<0.00194	<0.00285	<0.00274
R3	R3-RGW_422004	4/2/2004	—	0.0948J	0.0721J	0.0646J	<0.00843	0.0156J	<0.00367	<0.00194	<0.00285	<0.00274
R5	R5-RGW_462004	4/6/2004	—	0.0366J	0.0239J	0.0495J	<0.00843	0.00866J	<0.00367	<0.00194	<0.00285	<0.00274
R7	R7-RGW_452004	4/5/2004	—	0.0245J	<0.0237	0.0285J	<0.00843	0.00543J	<0.00367	<0.00194	<0.00285	<0.00274
SWS-5	SWS-5-RGW_482004	4/8/2004	—	0.0158J	<0.0237	0.0224J	<0.00843	0.00615J	<0.00367	<0.00194	<0.00285	<0.00274
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	<0.101	<0.101	<0.101	<0.101	<0.101	<0.0101	<0.0101	<0.0101	<0.101

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
A1	A1-RGW_4192004	4/19/2004	—	<0.00327	0.00427J	0.00355J	—	0.00742J	0.00775J	0.00381J	1.16	0.00794J	0.0300J	0.00571
A1	A1-RGW_RE1_4192004	4/19/2004	—	<0.00327	<0.00262	<0.00254	—	0.0270J	<0.00659	<0.00222	15.4	0.0384J	0.0227J	<0.00171
B1	BI-RGW_3252004	3/25/2004	—	<0.00363	<0.00291	<0.00282	—	0.00411J	<0.00732	<0.00247	0.0966J	0.00656J	<0.00404	<0.00190
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	<0.00367	<0.00294	<0.00285	—	<0.00261	<0.00740	<0.00249	<0.0100	<0.00500	0.0115J	<0.00192
F1	F1-RGW_3192004	3/19/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	<0.00659	<0.00222	0.111	0.00602J	<0.00364	<0.00171
F3	F3-RGW_3172004	3/17/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	<0.00659	<0.00222	0.0134J	<0.00445	0.0111J	<0.00171
F5	F5-RGW_472004	4/7/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	0.00996J	<0.00222	0.119	<0.00445	<0.00364	<0.00171
FTF-1	FTF-1-RGW_472004	4/7/2004	—	<0.00394	<0.00316	<0.00306	—	<0.00280	<0.00794	<0.00267	0.175	<0.00536	<0.00439	<0.00206
G6	G6-RGW_3182004	3/18/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	<0.00659	<0.00222	0.0838J	0.00583J	<0.00364	<0.00171
H3	H3-RGW_3172004	3/17/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	<0.00659	<0.00222	0.0655J	<0.00445	<0.00364	<0.00171
J4	J4-RGW_3182004	3/18/2004	—	<0.00327	<0.00262	<0.00254	—	0.0174J	<0.00659	<0.00222	0.0938J	<0.00445	0.0168J	<0.00171
K5	K5-RGW_412004	4/1/2004	—	<0.00327	<0.00262	<0.00254	—	0.0290J	0.0852J	<0.00222	<0.00894	0.122	0.0258J	<0.00171
L1	L1-RGW_RE1_4202004	4/20/2004	—	0.0161	0.0263	0.0345	—	<0.00232	<0.00659	0.0289	<0.00894	<0.00445	<0.00364	0.0258
L1	L1-RGW_4202004	4/20/2004	—	<0.00363	0.00440J	<0.00282	—	0.00616J	<0.00732	<0.00247	<0.00993	0.00560J	0.0250J	0.00193
L3	L3-RGW_3192004	3/19/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	<0.00659	<0.00222	0.0852J	0.0116J	<0.00364	<0.00171
L6	L6-RGW_412004	4/1/2004	—	<0.00327	<0.00262	<0.00254	—	0.0363J	0.0360J	<0.00222	<0.271	0.0941J	0.0257J	<0.00171
M7	M7-RGW_452004	4/5/2004	—	<0.00327	<0.00262	<0.00254	—	0.00994J	0.0305J	<0.00222	0.0313J	0.0168J	0.00876J	<0.00171
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	0.0100J	<0.0100	<0.00755
MW-1A	030606-MW-1A	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000700B	0.0170	<0.0100	<0.00755
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<0.0100	0.0300	<0.0100	0.0600Y	0.0800	0.830	<0.0100	0.0000500M	0.0200M	0.130	0.00830
MW-6A	MW-6A_03/28/2002	3/28/2002	—	0.0100MJ	0.0600	<0.0100	2.80E	0.120	4.70E	0.0100J	0.00490E	1.40E	<1.10	0.0171
MW-6A(R)	MW-6A(R) RE	4/29/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	0.220	<0.00222	<0.00894	0.268	0.0212J	<0.00171
MW-6A(R)	MW-6A(R)	4/29/2004	—	<0.0310	<0.0360	<0.0340	—	<0.0600	0.360	<0.0240	<0.0430	0.280	0.0800J	<0.02063
MW-7A	MW-7A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	0.0100J	<0.0100	<0.00755
MW-7A	MW-7A	2/20/2004	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	MW-7A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	MW-7A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	MW-7A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	MW-7A_20050927	9/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	MW-7A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	030206-MW-7A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-7A	MW-7A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-7A	MW-7A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	0.0960	0.160	<1.00	<0.0100	0.0000160B	0.150	0.0920	<0.00755
MW-7A	MW-7A_08/10/2006	8/10/2006	—	—	—	—	—	—	1.00	—	—	—	—	—
MW-7A	MW-7A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-7A	MW-7A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-7A	MW-7A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-7A	MW-7A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-7A	MW7-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-7A	MW7-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-7A	MW-7A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-7A	MW7-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-7A	MW7A-032509	3/25/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-7A	MW7A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-7A	MW7A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-7A	MW7A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-7A	092711-MW7A	9/27/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-7A	MW-07A-1/25/2019	1/25/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	0.00500J	—	—	—	0.00194

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-8A	MW-8A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<0.0100	0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100J	0.0000100	0.0100	0.0200	0.0141
MW-8A	030306-MW-8A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	0.0400	<0.0100	0.120	<0.0100	0.0000600	0.0600	0.0300	<0.00755
MW-8B	030606-MW-8B	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000110	<0.0100	<0.0100	<0.00755
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-8B	100411-MW8B	10/4/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	0.0100J	0.0200	<0.00755
MW-9A	030306-MW-9A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-9A	MW-9A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000350B	0.0110	0.0160	<0.00755
MW-9A	092811-MW-9A	9/28/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-11A	030306-MW-11A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-11A	100311-MW11A	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-12A	MW-12A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-12A	MW-12A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000120B	<0.0100	<0.0100	<0.00755
MW-12A	092911-MW12A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-12A	MW-12A-1/25/2019	1/25/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-14A	MW-14A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	<0.0100	0.0100J	<0.00755
MW-14A	MW-101A	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	<0.0100	0.0100J	<0.00755
MW-14A	030306-MW-14A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-14A	092911-MW14A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-14A	MW-14A-1/28/2019	1/28/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-15A	MW-15A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	0.0100J	<0.0100	<0.0100	<0.0100	0.0000100M	0.0100J	<0.0100	<0.00755
MW-15A	100311-MW15A	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-15A	100311-MW200	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-15A	MW-15A-1/28/2019	1/28/2019	—	<0.00300	0.00600J	<0.00100	—	—	—	0.00400J	—	—	—	0.00416
MW-16A	MW-16A_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	0.0100	0.120	<0.00755
MW-16A	030606-MW-102	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0250	<0.0100	0.0000110	0.0190	<0.0100	<0.00755
MW-16A	030606-MW-16A	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	0.0100	0.0240	<0.0100	<0.0000100	0.0180	<0.0100	<0.00755
MW-16A	MW-105	8/14/2006	—	<0.0100	0.0100	<0.0100	0.0450	0.110	0.230	<0.0100	0.0000880B	0.300	0.0790	0.00760
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<0.0100	0.0120	<0.0100	0.0530	0.120	0.270	<0.0100	0.0000990B	0.330	0.0840	0.00762
MW-16A	093011-MW16A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-16A	MW-16A-1/28/2019	1/28/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-18A	MW-18A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	0.0100J	0.0100J	<0.00755
MW-18A	092911-MW18A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-18A	MW-18A-1/23/2019	1/23/2019	—	<0.00300	0.00300J	<0.00100	—	—	—	0.00300J	—	—	—	0.00177
MW-19B	MW-19B_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	0.0100J	0.0100J	<0.00755
MW-22A	MW-22A_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	0.0100	<0.00755
MW-22A	093011-MW22A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-22A	MW-22A-1/28/2019	1/28/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-23A	MW-23A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000100J	0.0100J	<0.0100	<0.00755
MW-23A	092911-MW23A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-23A	MW-23A-1/28/2019	1/28/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-24A	MW-24A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-24A	MW-24A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	0.0100J	0.0100J	0.0800	<0.0100	0.0000400	0.160	0.0100J	<0.00755
MW-24A	100411-MW24A	10/4/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-24A	MW-24A-1/28/2019	1/28/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-25A	MW-25A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000400	0.0200M	0.0200	<0.00755
MW-25A	030206-MW-25A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-25A	030206-MW-25A	3/2/2006	—	—	—	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	<0.0120	<0.0000120	<0.0120	<0.0120	<0.00906
MW-25A	093011-MW25A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-25A	MW-25A-1/28/2019	1/28/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-26A	MW-26A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26A	MW-26A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-26A	MW-26A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-26A	MW-26A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-26A	MW-26A_20050927	9/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-26A	MW-26A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-26A	ALT-26A	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000340	<0.0100	<0.0100	<0.00755
MW-26A	AHT-26A	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26A	MW-26A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-26A	MW-26A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26A	MW-26A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26A	MW-26A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26A	MW-26A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26A	MW-26A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	MW-00_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	MW-00_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	MW-26A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	DUP-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	MW26-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	DUP-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	MW26-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	DUP-01_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	MW-26A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-26A	DUP-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	MW26-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	DUP-032609	3/26/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	MW26A-092609	3/26/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	DUP-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	MW26A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	DUP-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	MW26A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	DUP-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	MW26A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-26A	101311-MW26A	10/13/2011	—	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500J	<1.00	<1.00	<0.655
MW-26A	101311-MW600	10/13/2011	—	—	—	—	—	—	—	—	<0.500J	—	—	—
MW-26A	MW-26A-2/1/2019	2/1/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-26B	MW-26B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26B	ALT-26B	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-26B	AHT-26B	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26B	MW-103	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26B	101311-MW26B	10/13/2011	—	—	—	—	—	—	—	—	<0.500J	—	—	—
MW-26C	MW-26C_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26C	MW-103C	3/29/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-26C	ALT-DUP	2/27/2006	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.000500	<1.00	<1.00	<0.755
MW-26C	ALT-26C	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000390	<0.0100	<0.0100	<0.00755
MW-26C	AHT-26C	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000570	<0.0100	<0.0100	<0.00755
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0140	<0.0100	0.000150	0.0140	<0.0100	<0.00755
MW-26C	101311-MW26C	10/13/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000600B	<0.0100	<0.0100	<0.00755
MW-27A	093011-MW27A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-27A	MW-27A-1/29/2019	1/29/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-27A	MW-100-1/29/2019	1/29/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-28A	030306-MW-28A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-28A	MW-104	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000130	<0.0100	<0.0100	<0.00755
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-28A	100311-MW28A	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-28A	MW-28A-1/29/2019	1/29/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-28B	MW-28B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	<0.0100	<0.0100	0.0226
MW-28B	MW-102B	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000100J	<0.0100	<0.0100	<0.00755
MW-28B	030306-MW-101	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-28B	030306-MW-28B	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-28B	100311-MW28B	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-28B	MW-28B-1/29/2019	1/29/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000130B	<0.0100	<0.0100	<0.00755
MW-29A	MW-29A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-29A	MW-29A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-29A	MW-29A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-29A	MW-29A_20050929	9/29/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-29A	MW-29A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-29A	022706-MW-29A	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-29A	MW-29A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-29A	MW-29A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-29A	MW-29A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-29A	MW-29A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-29A	MW-29A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-29A	MW-29A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-29A	MW-29A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-29A	MW29-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-29A	MW29-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-29A	MW-29A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-29A	MW29-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-29A	MW29A-032609	3/26/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-29A	MW29A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-29A	MW29A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-29A	MW29A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-29A	101211-MW29A	10/12/2011	—	—	—	—	—	—	—	—	<0.500J	—	—	—
MW-29A	MW-29A-1/31/2019	1/31/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-29B	MW-29B_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000210B	<0.0100	<0.0100	<0.00755
MW-29B	022806-MW-29B	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-29B	101211-MW29B	10/12/2011	—	—	—	—	—	—	—	—	<0.500J	—	—	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-29C	022706-MW-29C	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000150	<0.0100	<0.0100	<0.00755
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0150	<0.0100	0.000110	0.0160	<0.0100	<0.00755
MW-29C	101211-MW29C	10/12/2011	—	—	—	—	—	—	—	—	<0.500J	—	—	—
MW-29C	101211-MW400	10/12/2011	—	—	—	—	—	—	—	—	<0.500J	—	—	—
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	0.0200M	0.100	0.130	<0.0100	0.000130B	0.0100J	0.0700	<0.00755
MW-30A	MW-30A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-30A	MW-30A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-30A	MW-30A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-30A	MW-30A_20050929	9/29/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-30A	MW-30A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-30A	AHT-DUP	2/28/2006	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.000500	<1.00	<1.00	<0.755
MW-30A	022806-MW-30A	2/28/2006	—	<0.0100	<0.0100	<0.0100	0.0360	0.0850	0.300	<0.0100	0.0000140	0.0370	0.0500	<0.00755
MW-30A	ALT-MW-30A	2/28/2006	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.000500	<1.00	<1.00	<0.755
MW-30A	AHT-MM-30A	2/28/2006	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.000500	<1.00	<1.00	<0.755
MW-30A	MW-30A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-30A	MW-30A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000100B	<0.0100	<0.0100	<0.00755
MW-30A	MW-30A_08/10/2006	8/10/2006	—	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-30A	MW-30A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-30A	MW-30A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-30A	MW-30A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-30A	MW-30A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-30A	MW30-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-30A	MW30-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-30A	MW-30A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-30A	MW30-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-30A	MW30A-032509	3/25/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-30A	MW30A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-30A	MW30A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-30A	MW30A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-30A	092911-MW30A	9/29/2011	—	—	<1.00	<1.00	<1.00	<1.00	3.20	<1.00	<0.500	<1.00	<1.00	<0.655
MW-30A	MW-30A-1/24/2019	1/24/2019	—	<0.00300	0.00300J	<0.00100	—	—	—	<0.00100	—	—	—	0.00151
MW-31A	MW-31A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000120B	<0.0100	<0.0100	<0.00755
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	—	—	<0.000500	—	—	—
MW-31A	093011-MW31A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-32A	MW-32A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	0.190	0.0100J	<0.00755
MW-32A	092711-MW32A	9/27/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-32A	MW-32A-1/30/2019	1/30/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000300	0.0800	<0.0100	<0.00256
MW-33A	092911-MW33A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-33A	MW-33A-1/30/2019	1/30/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-34A	092911-MW34A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-34A	MW-34A-1/30/2019	1/30/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-34A	MW-101-1/30/2019	1/30/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-35A	MW-35A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-35A	MW-35A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-35A	MW-35A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-35A	MW-35A_20050927	9/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-35A	MW-35A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-35A	022806-MW-35A	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-35A	MW-35A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-35A	MW-35A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-35A	MW-35A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-35A	MW-35A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-35A	MW-35A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-35A	MW-35A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-35A	MW-35A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-35A	MW35-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-35A	MW35-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-35A	MW-35A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-35A	MW35-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-35A	MW35A-032609	3/26/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-35A	MW35A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-35A	MW35A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-35A	MW35A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-35A	101111-MW35A	10/11/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0000200	<0.0100	<0.0100	<0.00755
MW-35B	022806-MW-35B	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-35B	101111-MW35B	10/11/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	MW-36A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000160B	<0.0100	<0.0100	<0.00755
MW-36A	MW-36A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-36A	MW-36A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-36A	MW-36A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-36A	MW-36A_20050929	9/29/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-36A	MW-36A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-36A	022806-MW-36A	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-36A	MW-36A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-36A	MW-36A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-36A	MW-36A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-36A	MW-36A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-36A	MW-36A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-36A	MW-36A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-36A	MW-36A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-36A	MW36-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-36A	MW36-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-36A	MW-36A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-36A	MW36-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	MW36A-032609	3/26/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	MW36A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	MW36A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	MW36A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	101111-MW36A	10/11/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-36A	MW-36A-1/24/2019	1/24/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-36B	MW-36B_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000200B	0.0100J	<0.0100	<0.00755
MW-36B	022806-MW-36B	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-36B	101111-MW36B	10/11/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-37A	MW-37A_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000120B	<0.0100	<0.0100	<0.00755
MW-37A	MW-37A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-37A	MW-37A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-37A	MW-37A_20050714	7/14/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-37A	MW-37A_20050929	9/29/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-37A	MW-37A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-37A	MW-37A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-37A	MW-37A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-37A	MW-37A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-37A	MW-37A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-37A	MW-37A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-37A	MW-37A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-37A	MW-37A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-37A	MW37-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-37A	MW37-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-37A	MW-37A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-37A	MW37-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-37A	MW37A-032609	3/26/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-37A	MW37A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-37A	MW37A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-37A	MW37A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-37A	092811-MW37A	9/28/2011	—	—	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500	<1.00	<1.00	<0.655
MW-37A	MW-37A-1/25/2019	1/25/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-37A	MW-102-1/25/2019	1/25/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	0.000305
MW-37B	MW-37B_03262002	3/26/2002	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000110B	<0.0100	<0.0100	<0.00755
MW-37B	093011-MW37B	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-38A	MW38-15	5/2/2002	15'	—	—	—	—	—	—	—	<0.000500	—	—	—
MW-38A	MW38-25	5/2/2002	25'	—	—	—	—	—	—	—	<0.000500	—	—	—
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	—	—	<0.000500	—	—	—
MW-38A	093011-MW38A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-38A	093011-MW100	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	—	—	<0.000500	—	—	—
MW-39A	030206-MW-39A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-39A	100311-MW39A	10/3/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-40A	MW-40	2/17/2004	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-40B	101111-MW40B	10/11/2011	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0655
MW-40B	101111-MW300	10/11/2011	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0655
MW-40B	MW-40B-1/31/2019	1/31/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-41A	MW-41	2/17/2004	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	MW-41A_20050131	1/31/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	MW-41A_20050404	4/4/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	MW-41A_20050712	7/12/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	MW-41A_20050927	9/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	MW-41A_20051227	12/27/2005	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-41A	MW-41A_20060411	4/11/2006	—	—	—	—	—	—	—	—	<0.00100	—	—	—
MW-41A	MW-41A_20060626	6/26/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0000100	<0.0100	<0.0100	<0.00755
MW-41A	MW-41A_20061003	10/3/2006	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-41A	MW-41A_20070112	1/12/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-41A	MW-41A_20070413	4/13/2007	—	—	—	—	—	—	—	—	<0.00500	—	—	—
MW-41A	MW-41A_092807	9/28/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-41A	MW-41A_122007	12/20/2007	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-41A	MW41-032708	3/27/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-41A	MW41-061608	6/16/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-41A	MW-41A_093008	9/30/2008	—	—	—	—	—	—	—	—	<5.00	—	—	—
MW-41A	MW41-123108	12/31/2008	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-41A	MW41A-032509	3/25/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-41A	MW41A-63009	6/30/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-41A	MW41A-92309	9/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-41A	MW41A-122309	12/23/2009	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-41A	092911-MW41A	9/29/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-42A	MW-42A RE	4/29/2004	—	<0.00327	<0.00262	<0.00254	—	0.0115J	0.0502J	<0.00222	<0.00894	0.0566J	<0.00364	<0.00171
MW-42A	MW-42A	4/29/2004	—	<0.0310	<0.0360	<0.0340	—	<0.0600	<0.0310	<0.0240	<0.0430	0.140	0.0800J	<0.0206
MW-42A	030606-MW-42A	3/6/2006	—	<0.0100	0.0150	<0.0100	<0.0100	0.0130	<0.0100	0.0100	<0.0000100	<0.0100	0.0230	0.00815
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	0.0280	<0.0100	<0.0100	0.0000230B	0.0140	0.0140	<0.00755
MW-42A	093011-MW42A	9/30/2011	—	—	—	—	—	—	—	—	<0.500	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0655
MW-43A	MW-43A-1/31/2019	1/31/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-44A	101311-MW44A	10/13/2011	—	—	<0.100	<0.100	0.140	0.100	0.230	<0.100	<0.100	0.120	<0.100	<0.0655
MW-44A	MW-44A-1/22/2019	1/22/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-45A	092811-MW-45A	9/28/2011	—	—	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.0655 J

Table B-9 - Polycyclic Aromatic Hydrocarbons in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polycyclic Aromatic Hydrocarbons (micrograms per liter)										
				Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total cPAHS
CAS				207-08-9	218-01-9	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	TOT_CPAH
Preliminary Screening Level				0.0016	0.016	0.000016	—	1.82	3.67	0.00016	1.4	—	2.01	0.000016
MW-45A	MW-45A-1/29/2019	1/29/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-46A	100411-MW46A	10/4/2011	—	—	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.0655 J
MW-46A	MW-46A-2/1/2019	2/1/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-47A	101311-MW47A	10/13/2011	—	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.0655
MW-47A	101311-MW700	10/13/2011	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0655
MW-47A	MW-47A-2/1/2019	2/1/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-47B	101311-MW47B	10/13/2011	—	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.0721
MW-48A	101111-MW48A	10/11/2011	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0655
MW-48A	MW-48A-2/1/2019	2/1/2019	—	<0.00300	<0.000900	<0.00100	—	—	—	<0.00100	—	—	—	<0.00132
MW-48B	101111-MW48B	10/11/2011	—	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.0721
MW-49A	101211-MW49A	10/12/2011	—	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0655
MW-49A	101211-MW500	10/12/2011	—	—	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.110	<0.0721
MW-49B	101211-MW49B	10/12/2011	—	—	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.100J	<0.0655 J
N2	N2-RGW_4202004	4/20/2004	—	<0.00367	<0.00294	<0.00285	—	0.00292J	<0.00740	<0.00249	0.0235J	0.00584J	0.0226J	0.00478
N2	N2-RGW_RE1_4202004	4/20/2004	—	0.0213	0.0254	0.0283	—	0.0192J	0.0116J	0.0236	0.134	0.0162J	0.0176J	0.0389
N5	N5-RGW_3232004	3/23/2004	—	<0.00327	<0.00262	<0.00254	—	<0.00232	<0.00659	<0.00222	0.113	0.00665J	0.00749J	<0.00171
N6	N6-RGW_3232004	3/23/2004	—	<0.00327	<0.00262	<0.00254	—	0.00905J	<0.00659	<0.00222	0.219	0.0100J	0.00872J	<0.00171
P1	PI-RGW_4152004	4/15/2004	—	<0.00327	<0.00262	<0.00254	—	0.00542J	<0.00659	<0.00222	<0.00894	<0.00445	0.00800J	<0.00171
P3	P3-RGW_4122004	4/12/2004	—	<0.00404	<0.00323	<0.00314	—	0.00484J	<0.00814	<0.00274	0.0497J	<0.00549	0.0122J	<0.00211
R1	R1-RGW_422004	4/2/2004	—	<0.00327	<0.00262	<0.00254	—	0.00664J	0.0128J	<0.00222	0.0206J	0.0160J	0.00548J	<0.00171
R3	R3-RGW_422004	4/2/2004	—	<0.00327	<0.00262	<0.00254	—	0.0170J	0.0282J	<0.00222	<0.271	0.0462J	0.0167J	<0.00171
R5	R5-RGW_462004	4/6/2004	—	<0.00327	<0.00262	<0.00254	—	0.00948J	0.0187J	<0.00222	0.0527J	0.0148J	0.00870J	<0.00171
R7	R7-RGW_452004	4/5/2004	—	<0.00327	<0.00262	<0.00254	—	0.00972J	<0.00659	<0.00222	0.0778J	0.00457J	0.00919J	<0.00171
SWS-5	SWS-5-RGW_482004	4/8/2004	—	<0.00327	<0.00262	<0.00254	—	0.00770J	<0.00659	<0.00222	0.0376J	0.00690J	0.00959J	<0.00171
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	<0.0101	<0.0101	<0.0101	—	<0.101	<0.101	<0.0101	0.000170	<0.101	<0.101	<0.00763

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

< - sample less than the indicated method detection limit

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)						
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2
			Preliminary Screening Level	1.38E-03	0.036	—	0.11	4	3.25E-03	0.07
A	A	3/17/2004	2'	<0.00579	<0.00579	<0.00579	<0.00579	—	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00213	<0.00106	<0.00106	<0.00106	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	<0.00120	<0.00120	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00256	<0.00128	<0.00128	<0.00128	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00239	<0.00119	<0.00119	<0.00119	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00213	<0.00106	<0.00106	<0.00106	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00237	<0.00118	<0.00118	<0.00118	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00209	<0.00105	<0.00105	<0.00105	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	<0.440	<0.440	<0.440	<0.440	<2.20	<2.20	<1.30
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00580	<0.00120	<0.00120	<0.00120	<0.750	<0.750	<0.450
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00580	<0.00120	<0.00120	<0.00120	<0.390	<0.390	<0.230
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.140	<0.140	<0.140	<0.140	<0.690	<0.690	<0.420
C	C	3/17/2004	2'	<0.00669	<0.00669	<0.00669	<0.00669	—	—	—
C0	C0-0.5-2	3/30/2004	0.5'-2'	<0.00256	<0.00128	<0.00128	<0.00128	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00239	<0.00120	<0.00120	<0.00120	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00227	<0.00114	<0.00114	<0.00114	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00236	<0.00118	<0.00118	<0.00118	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00215	<0.00108	<0.00108	<0.00108	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00226	<0.00113	<0.00113	<0.00113	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—
D	D	3/17/2004	2'	<0.00577	<0.00577	<0.00577	<0.00577	—	—	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00225	<0.00112	<0.00112	<0.00112	—	—	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00217	<0.00109	<0.00109	<0.00109	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00234	<0.00117	<0.00117	<0.00117	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00238	<0.00119	<0.00119	<0.00119	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00223	<0.00111	<0.00111	<0.00111	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00224	<0.00112	<0.00112	<0.00112	—	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—
DS-1	DS-1-0-1	2/22/2002	0'-1'	<0.210	<0.210	<0.210	<0.210	<1.10	<1.10	<0.640
E0	EO-0.5-2	3/31/2004	0.5'-2'	<0.00263	<0.00132	<0.00132	<0.00132	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00257	<0.00129	<0.00129	<0.00129	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00232	<0.00116	<0.00116	<0.00116	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00240	<0.00120	<0.00120	<0.00120	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00227	<0.00113	<0.00113	<0.00113	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.115	<0.115	<0.115	<0.115	—	—	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—
F0	FO-0.5-2	3/30/2004	0.5'-2'	<0.00264	<0.00132	<0.00132	<0.00132	—	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	<0.113	<0.113	<0.113	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00227	<0.00114	<0.00114	<0.00114	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00219	<0.00110	<0.00110	<0.00110	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00218	<0.00109	<0.00109	<0.00109	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	<0.00217	<0.00108	<0.00108	<0.00108	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00222	0.00149	<0.00111	<0.00111	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)						
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2
			Preliminary Screening Level	1.38E-03	0.036	—	0.11	4	3.25E-03	0.07
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00224	<0.00112	<0.00112	<0.00112	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00223	<0.00112	<0.00112	<0.00112	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	<0.117	<0.117	<0.117	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	<0.114	<0.114	<0.114	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0230	<0.0115	<0.0115	<0.0115	—	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00255	<0.00127	<0.00127	<0.00127	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00208	<0.00104	<0.00104	<0.00104	—	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00211	<0.00105	<0.00105	<0.00105	—	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00206	<0.00103	<0.00103	<0.00103	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00205	<0.00102	<0.00102	<0.00102	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	<2.54	<2.54	<2.54	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00227	<0.00114	<0.00114	<0.00114	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00225	<0.00112	<0.00112	<0.00112	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00231	<0.00116	<0.00116	<0.00116	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00260	<0.00130	<0.00130	<0.00130	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00232	<0.00116	<0.00116	<0.00116	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00215	<0.00107	<0.00107	<0.00107	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00213	<0.00106	<0.00106	<0.00106	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00217	<0.00109	<0.00109	<0.00109	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00223	<0.00111	<0.00111	<0.00111	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00210	<0.00105	<0.00105	<0.00105	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00219	<0.00109	<0.00109	<0.00109	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00225	<0.00113	<0.00113	<0.00113	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00214	<0.00107	<0.00107	<0.00107	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00206	<0.00103	<0.00103	<0.00103	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00205	<0.00102	<0.00102	<0.00102	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00208	<0.00104	<0.00104	<0.00104	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00239	<0.00119	<0.00119	<0.00119	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	<0.00226	<0.00113	<0.00113	<0.00113	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00206	<0.00103	<0.00103	<0.00103	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00212	<0.00106	<0.00106	<0.00106	—	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00204	<0.00102	<0.00102	<0.00102	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)						
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2
			Preliminary Screening Level	1.38E-03	0.036	—	0.11	4	3.25E-03	0.07
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00223	<0.00112	<0.00112	<0.00112	—	—	—
M0	M0-0.5-2	3/26/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00211	<0.00106	<0.00106	<0.00106	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00231	<0.00116	<0.00116	<0.00116	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00222	<0.00111	<0.00111	<0.00111	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00225	<0.00112	<0.00112	<0.00112	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00219	<0.00109	<0.00109	<0.00109	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00207	<0.00104	<0.00104	<0.00104	—	—	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00217	<0.00109	<0.00109	<0.00109	—	—	—
MW-10A	MW-10-3_06201986	6/20/1986	3'-3'	—	—	—	—	—	0.0800	<0.0400
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00670	<0.00130	<0.00130	<0.00130	—	—	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00440	<0.00150	<0.00150	<0.00150	<0.0890	<0.0890	<0.180
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00670	<0.00130	<0.00130	<0.00130	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.00237	<0.00119	<0.00119	<0.00119	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00240	<0.00120	<0.00120	<0.00120	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	<0.00223	<0.00111	<0.00111	<0.00111	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00231	<0.00115	<0.00115	<0.00115	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00265	<0.00133	<0.00133	<0.00133	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00237	<0.00118	<0.00118	<0.00118	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00209	<0.00104	<0.00104	<0.00104	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	<0.00262	<0.00131	<0.00131	<0.00131	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00260	<0.00130	<0.00130	<0.00130	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00262	<0.00131	<0.00131	<0.00131	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00258	<0.00129	<0.00129	<0.00129	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00249	<0.00124	<0.00124	<0.00124	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00226	<0.00113	<0.00113	<0.00113	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00214	<0.00107	<0.00107	<0.00107	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00231	<0.00115	<0.00115	<0.00115	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	<0.00261	<0.00131	<0.00131	<0.00131	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00287	<0.00143	<0.00143	<0.00143	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00279	<0.00139	<0.00139	<0.00139	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00239	<0.00119	<0.00119	<0.00119	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00274	<0.00137	<0.00137	<0.00137	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00262	<0.00131	<0.00131	<0.00131	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00307	<0.00154	<0.00154	<0.00154	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00281	<0.00140	<0.00140	<0.00140	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00233	<0.00116	<0.00116	<0.00116	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	<0.00221	<0.00110	<0.00110	<0.00110	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00217	<0.00109	<0.00109	<0.00109	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)						
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2
			Preliminary Screening Level	1.38E-03	0.036	—	0.11	4	3.25E-03	0.07
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00263	<0.00132	<0.00132	<0.00132	—	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00670	<0.00130	<0.00130	<0.00130	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00530	<0.00110	<0.00110	<0.00110	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00530	<0.00110	<0.00110	<0.00110	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00282	<0.00141	<0.00141	<0.00141	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00232	<0.00116	<0.00116	<0.00116	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00219	<0.00109	<0.00109	<0.00109	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	<0.00225	<0.00113	<0.00113	<0.00113	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00219	<0.00110	<0.00110	<0.00110	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00228	<0.00114	<0.00114	<0.00114	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00233	<0.00116	<0.00116	<0.00116	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00237	<0.00118	<0.00118	<0.00118	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00221	<0.00110	<0.00110	<0.00110	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00225	<0.00112	<0.00112	<0.00112	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00238	<0.00119	<0.00119	<0.00119	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00226	<0.00113	<0.00113	<0.00113	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00258	<0.00129	<0.00129	<0.00129	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00229	<0.00115	<0.00115	<0.00115	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00245	<0.00123	<0.00123	<0.00123	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00241	<0.00120	<0.00120	<0.00120	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.0740	<0.0740	<0.0740	<0.0740	<0.370	<0.370	<0.220
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.0710	<0.0710	<0.0710	<0.0710	<0.360	<0.360	<0.210
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00600	<0.00120	<0.00120	<0.00120	<0.370	<0.370	<0.220
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00659	<0.00659	<0.00659	<0.00659	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00617	<0.00617	<0.00617	<0.00617	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00552	<0.00552	<0.00552	<0.00552	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00585	<0.00585	<0.00585	<0.00585	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00558	<0.00558	<0.00558	<0.00558	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00627	<0.00627	<0.00627	<0.00627	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00566	<0.00566	<0.00566	<0.00566	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00597	<0.00597	<0.00597	<0.00597	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00546	<0.00546	<0.00546	<0.00546	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00684	<0.00684	<0.00684	<0.00684	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00548	<0.00548	<0.00548	<0.00548	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol
CAS				105-67-9	51-28-5	121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5
Preliminary Screening Level				0.03	0.40	1.06E-03	0.57	6,400	0.20	0.063	800	—
A	A	3/17/2004	2'	—	—	—	—	—	—	—	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	<1.30	<4.40	<2.20	<2.20	<0.440	<0.440	<0.440	<2.20	<2.20
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.450	<1.50	<0.750	<0.750	<0.150	<0.150	<0.150	<0.750	<0.750
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.230	<0.770	<0.390	<0.390	<0.0770	<0.0770	<0.0770	<0.390	<0.390
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.420	<1.40	<0.690	<0.690	<0.140	<0.140	<0.140	<0.690	<0.690
C	C	3/17/2004	2'	—	—	—	—	—	—	—	—	—
C0	C0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
D	D	3/17/2004	2'	—	—	—	—	—	—	—	—	—
D0	D0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—	—
DS-1	DS-1-0-1	2/22/2002	0'-1'	<0.640	<2.10	<1.10	<1.10	<0.210	<0.210	<0.210	<1.10	<1.10
E0	E0-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—	—	—	—	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—
F0	F0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	—	—	—	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol
				CAS	105-67-9	51-28-5	121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4
Preliminary Screening Level				0.03	0.40	1.06E-03	0.57	6,400	0.20	0.063	800	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	—	—	—	—	—	—	—	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	
				CAS	105-67-9	51-28-5	121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5
Preliminary Screening Level				0.03	0.40	1.06E-03	0.57	6,400	0.20	0.063	800	—	
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
MW-10A	MW-10-3_06201986	6/20/1986	3'-3'	<0.0400	0.970	—	—	—	<0.0400	—	—	—	<0.0400
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	—	—	—	—	—	—	—	—	—	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00440	<0.760	<0.0890	<0.0890	<0.0180	<0.0180	<0.00440	<0.0890	<0.0890	<0.0890
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	—	—	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	
				CAS	105-67-9	51-28-5	121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5
Preliminary Screening Level				0.03	0.40	1.06E-03	0.57	6,400	0.20	0.063	800	—	
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	—	—	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.220	<0.740	<0.370	<0.370	<0.0740	<0.0740	<0.0740	<0.370	<0.370	<0.370
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.210	<0.710	<0.360	<0.360	<0.0710	<0.0710	<0.0710	<0.360	<0.360	<0.360
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.220	<0.750	<0.370	<0.370	<0.0750	<0.0750	<0.0750	<0.370	<0.370	<0.370
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	
				CAS	91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6
			Preliminary Screening Level	6.10E-05	—	—	—	—	—	4.27	—	0.67	—
A	A	3/17/2004	2'	—	—	—	—	—	—	—	—	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	<2.20	<2.60	<4.40	<0.440	<0.870	<1.30	<0.440	<0.440	<0.440	<2.20
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.750	<0.900	<1.50	<0.150	<0.300	<0.450	<0.150	<0.150	<0.150	<0.750
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.390	<0.460	<0.770	<0.0770	<0.150	<0.230	<0.0770	<0.0770	<0.0770	<0.390
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.690	<0.830	<1.40	<0.140	<0.280	<0.420	<0.140	<0.140	<0.140	<0.690
C	C	3/17/2004	2'	—	—	—	—	—	—	—	—	—	—
C0	C0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
D	D	3/17/2004	2'	—	—	—	—	—	—	—	—	—	—
D0	D0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—	—	—
DS-1	DS-1-0-1	2/22/2002	0'-1'	<1.10	<1.30	<2.10	<0.210	<0.420	<0.640	<0.210	<0.210	<0.210	<1.10
E0	E0-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—	—	—	—	—	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
F0	F0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	—	—	—	—	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	
				CAS	91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6
			Preliminary Screening Level	6.10E-05	—	—	—	—	—	4.27	—	0.67	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	
				CAS	91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6
			Preliminary Screening Level	6.10E-05	—	—	—	—	—	4.27	—	0.67	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
MW-10A	MW-10-3_06201986	6/20/1986	3'-3'	—	—	0.200	—	0.0800	—	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	—	—	—	—	—	—	—	—	—	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	—	<0.0890	<0.180	<0.0180	<0.0890	<0.240	<0.0180	<0.0360	<0.0890	<0.0890
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	—	—	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	
				CAS	91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6
	Preliminary Screening Level			6.10E-05	—	—	—	—	—	4.27	—	0.67	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	—	—	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.370	<0.440	<0.740	<0.0740	<0.150	<0.220	<0.0740	<0.0740	<0.0740	<0.370
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.360	<0.430	<0.710	<0.0710	<0.140	<0.210	<0.0710	<0.0710	<0.0710	<0.360
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.370	<0.450	<0.750	<0.0750	<0.150	<0.220	<0.0750	<0.0750	<0.0750	<0.370
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				4-Nitrophenol	Aniline	Benzoic acid	Benzyl alcohol	Bis (2-chloro-1-methylethyl) ether	chloroethoxy methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
CAS				100-02-7	62-53-3	65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
Preliminary Screening Level				—	149.75	0.65	0.057	3,200	—	3.31E-04	0.10	3.61E-03	—
A	A	3/17/2004	2'	—	—	—	—	—	—	—	—	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	<2.20	—	<4.40	<2.20	<0.440	<0.440	<0.870	<0.440	<0.440	<0.440
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.750	—	<1.50	<0.750	<0.150	<0.150	<0.300	<0.150	<0.150	<0.150
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.390	—	<0.770	<0.390	<0.0770	<0.0770	<0.150	0.320	<0.0770	<0.0770
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.690	—	<1.40	<0.690	<0.140	<0.140	<0.280	<0.140	<0.140	<0.140
C	C	3/17/2004	2'	—	—	—	—	—	—	—	—	—	—
C0	CO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
D	D	3/17/2004	2'	—	—	—	—	—	—	—	—	—	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—	—	—
DS-1	DS-1-0-1	2/22/2002	0'-1'	<1.10	—	<2.10	<1.10	<0.210	<0.210	<0.420	<0.210	<0.210	<0.210
E0	EO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—	—	—	—	—	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—	—	—
F0	FO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	—	—	—	—	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				4-Nitrophenol	Aniline	Benzoic acid	Benzyl alcohol	Bis (2-chloro-1-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	
CAS				100-02-7	62-53-3	65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
Preliminary Screening Level				—	149.75	0.65	0.057	3,200	—	3.31E-04	0.10	3.61E-03	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				4-Nitrophenol	Aniline	Benzoic acid	Benzyl alcohol	Bis (2-chloro-1-methylethyl) ether	chloroethoxy methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
CAS				100-02-7	62-53-3	65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
Preliminary Screening Level				—	149.75	0.65	0.057	3,200	—	3.31E-04	0.10	3.61E-03	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	—	—	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
MW-10A	MW-10-3_06201986	6/20/1986	3'-3'	0.200	—	—	—	—	—	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	—	—	—	—	—	—	0.0260	—	—	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.0890	<0.480J	<0.360J	<0.00440	<0.0180	<0.0180	<0.0180	0.0180J	<0.00440	<0.0180
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	—	—	0.0200J	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				4-Nitrophenol	Aniline	Benzoic acid	Benzyl alcohol	Bis (2-chloro-1-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	
			CAS	100-02-7	62-53-3	65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
			Preliminary Screening Level	—	149.75	0.65	0.057	3,200	—	3.31E-04	0.10	3.61E-03	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	—	—	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.370	—	<0.740	<0.370	<0.0740	<0.0740	<0.150	<0.0740	<0.0740	<0.0740
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.360	—	<0.710	<0.360	<0.0710	<0.0710	<0.140	0.0860	<0.0710	<0.0710
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.370	—	<0.750	<0.370	<0.0750	<0.0750	<0.150	0.200M	0.110M	4.00
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane
				CAS	84-74-2	84-66-2	131-11-3	117-84-0	118-74-1	87-68-3	77-47-4
			Preliminary Screening Level	0.28	0.2	0.07	6.2	8.02E-06	0.01	4.00	7.95E-04
A	A	3/17/2004	2'	—	—	—	—	—	<0.00579	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	<0.00106	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00120	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	<0.00128	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	<0.00115	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	<0.00119	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	<0.00106	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	<0.00118	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	<0.00105	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	1.70	<0.440	<0.440	<0.440	<0.440	<0.870	<2.20	<0.870
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.150	<0.150	<0.150	<0.150	<0.150	<0.00580	<0.750	<0.300
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.0770	<0.0770	<0.0770	<0.0770	<0.0770	<0.00580	<0.390	<0.150
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.140	<0.140	<0.140	<0.140	<0.140	<0.280	<0.690	<0.280
C	C	3/17/2004	2'	—	—	—	—	—	<0.00669	—	—
C0	CO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	<0.00128	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00120	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00118	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	<0.00108	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	<0.00113	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00108	—	—
D	D	3/17/2004	2'	—	—	—	—	—	<0.00577	—	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00112	—	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	—	—	—	—	—	<0.00109	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00117	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	<0.00119	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	<0.00112	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	—
DS-1	DS-1-0-1	2/22/2002	0'-1'	<0.210	<0.210	<0.210	<0.210	<0.210	<0.420	<1.10	<0.420
E0	EO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	<0.00132	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00129	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00116	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	<0.00120	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	<0.00113	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—	<0.115	—	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	<0.000460	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	<0.000460	—	—
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	<0.000460	—	—
F0	FO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	<0.00132	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	—	—	—	—	<0.113	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	<0.00109	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	<0.00108	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane
				CAS	84-74-2	84-66-2	131-11-3	117-84-0	118-74-1	87-68-3	77-47-4
			Preliminary Screening Level	0.28	0.2	0.07	6.2	8.02E-06	0.01	4.00	7.95E-04
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	<0.00117	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	<0.00112	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	<0.00112	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	<0.117	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	<0.114	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	—	—	—	—	—	0.0440	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	<0.00127	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	<0.00104	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	<0.00105	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	<0.00103	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	<0.00102	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	<2.54	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	<0.00112	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	<0.00116	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	<0.00130	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00116	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	<0.00107	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	<0.00106	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	<0.00109	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	<0.00105	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00108	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00109	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	<0.00113	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	<0.00107	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	<0.00103	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	<0.00102	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00104	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	<0.00119	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	<0.00113	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	<0.00108	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	<0.00117	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	<0.00103	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	<0.00106	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	<0.00102	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	<0.00115	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	<0.00110	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane
				CAS	84-74-2	84-66-2	131-11-3	117-84-0	118-74-1	87-68-3	77-47-4
Preliminary Screening Level				0.28	0.2	0.07	6.2	8.02E-06	0.01	4.00	7.95E-04
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	<0.00112	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00106	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00116	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00111	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00108	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	<0.00112	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	<0.00110	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00109	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	<0.00104	—	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	<0.00109	—	—
MW-10A	MW-10-3_06201986	6/20/1986	3'-3'	—	—	—	—	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	—	—	—	—	—	<0.00670	—	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.0180	<0.0440	<0.0180	<0.0180	<0.00440	<0.00440	<0.360	<0.0180
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	<0.00670	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	<0.00119	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00120	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	<0.00111	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00115	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00133	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	<0.00118	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00104	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	<0.00131	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00130	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00117	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00131	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	<0.00129	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	<0.00124	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	<0.00113	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	<0.00107	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	<0.00115	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	<0.00131	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	<0.00143	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	<0.00139	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	<0.00119	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	<0.00114	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	<0.00137	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	<0.00131	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	<0.00154	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	<0.00140	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	<0.00116	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00109	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane
				CAS	84-74-2	84-66-2	131-11-3	117-84-0	118-74-1	87-68-3	77-47-4
	Preliminary Screening Level			0.28	0.2	0.07	6.2	8.02E-06	0.01	4.00	7.95E-04
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	<0.00132	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	<0.00114	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	<0.00670	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	<0.00530	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	<0.00530	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	<0.00141	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	<0.00116	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00109	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	—	—	—	—	<0.000460	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	<0.00114	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	<0.00113	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	<0.00108	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	<0.00114	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	<0.00116	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	<0.00118	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00110	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	<0.00112	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	<0.00111	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	<0.00119	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	<0.00113	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	<0.00129	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	<0.00115	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	<0.00123	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	<0.00120	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.0740	<0.0740	<0.0740	<0.0740	<0.0740	<0.150	<0.370	<0.150
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.0710	<0.0710	<0.0710	<0.0710	<0.0710	<0.140	<0.360	<0.140
WP-6	WP-6-1-2	2/26/2002	1'-2'	0.100	<0.0750	<0.0750	<0.0750	<0.0750	<0.00600	<0.370	<0.150
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	<0.00659	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	<0.00617	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	<0.00552	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	<0.00585	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	<0.00558	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	<0.00627	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	<0.00566	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	<0.00597	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	<0.00546	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	<0.00684	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	<0.00548	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Isophorone	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)
				CAS 78-59-1	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	56832-73-6
			Preliminary Screening Level	0.54	0.64	0.02	2.60E-04	0.02	3.17E-05	0.42	3.2
A	A	3/17/2004	2'	—	—	—	—	—	—	—	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
BY-1	BY-1-0-1	2/22/2002	0'-1'	<0.440	<0.440	—	<0.870	<0.440	<2.20	<0.870	—
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.150	<0.150	—	<0.300	<0.150	<0.750	<0.300	—
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.0770	<0.0770	—	<0.150	<0.0770	<0.390	<0.150	—
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.140	<0.140	—	<0.280	<0.140	<0.690	<0.280	—
C	C	3/17/2004	2'	—	—	—	—	—	—	—	—
C0	CO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C2	SD-101	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	—	—	—	—	—	—	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
D	D	3/17/2004	2'	—	—	—	—	—	—	—	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	—	—	—	—	—	—	—	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
DG11-11	DG11-11-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	0.0190
DG11-12	DG11-12-1	9/13/2011	1'-2'	—	—	—	—	—	—	—	0.0250
DS-1	DS-1-0-1	2/22/2002	0'-1'	<0.210	<0.210	—	<0.420	<0.210	<1.10	<0.420	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	—	—	—	—	—	—	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
EH4-S-1.5	EH4-S-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	—	—	—	—	—	—	—
F0	F0-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	—	—	—	—	—	—	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
F5	SD-103	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Isophorone	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)
				CAS	78-59-1	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2
			Preliminary Screening Level	0.54	0.64	0.02	2.60E-04	0.02	3.17E-05	0.42	3.2
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	—	—	—	—	—	—	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	—	—	—	—	—	—	—	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	—	—	—	—	—	—	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	—	—	—	—	—	—	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	—	—	—	—	—	—	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	—	—	—	—	—	—	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	—	—	—	—	—	—	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	—	—	—	—	—	—	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	—	—	—	—	—	—	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	—	—	—	—	—	—	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
K6	SD-106	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	—	—	—	—	—	—	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	—	—	—	—	—	—	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	—	—	—	—	—	—	—
L5	L5-1-3	4/1/2004	1'-3'	—	—	—	—	—	—	—	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Isophorone	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)
				CAS	78-59-1	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2
	Preliminary Screening Level			0.54	0.64	0.02	2.60E-04	0.02	3.17E-05	0.42	3.2
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	—	—	—	—	—	—	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	—	—	—	—	—	—	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	—	—	—	—	—	—	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
MW-10A	MW-10-3_06201986	6/20/1986	3'-3'	—	—	—	—	—	0.0500	<0.0400	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	—	—	—	—	—	—	—	0.00770
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.0180	<0.0180	<0.0890	<0.0180	<0.00440	<0.0220	<0.0180	<0.00460
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	—	—	—	—	—	—	—	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
N2	N2-1-2	4/20/2004	1'-2'	—	—	—	—	—	—	—	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	—	—	—	—	—	—	—
N6	SD-108	3/23/2004	0.5'-2'	—	—	—	—	—	—	—	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	—	—	—	—	—	—	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	—	—	—	—	—	—	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	—	—	—	—	—	—	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	—	—	—	—	—	—	—
Q2	SD-109	4/6/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	—	—	—	—	—	—	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	—	—	—	—	—	—	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	—	—	—	—	—	—	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	—	—	—	—	—	—	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	—	—	—	—	—	—	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
R6	SD-110	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—

Table B-10 - Semivolatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)							
				Isophorone	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)
CAS				78-59-1	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	56832-73-6
Preliminary Screening Level				0.54	0.64	0.02	2.60E-04	0.02	3.17E-05	0.42	3.2
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	—	—	—	—	—	—	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	—	—	—	—	—	—	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S2	S2-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S3	S3-3_03/17/2000	3/17/2000	3'	—	—	—	—	—	—	—	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	—	—	—	—	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	—	—	—	—	—	—	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	—	—	—	—	—	—	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	—	—	—	—	—	—	—
SWS-1	SD-114	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	—	—	—	—	—	—	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	—	—	—	—	—	—	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	—	—	—	—	—	—	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	—	—	—	—	—	—	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	—	—	—	—	—	—	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	—	—	—	—	—	—	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	—	—	—	—	—	—	—
WP-1	WP-1-1-3	2/21/2002	1'-3'	<0.0740	<0.0740	—	<0.150	<0.0740	<0.370	<0.150	—
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.0710	<0.0710	—	<0.140	<0.0710	<0.360	<0.140	—
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.0750	<0.0750	—	<0.150	<0.0750	<0.370	<0.150	—
WVET-2	WVET-2	4/5/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-3	WVET-3	4/5/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-7	WVET-7	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-8	WVET-8	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-9	WVET-9	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-10	WVET-10	5/12/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-12	WVET-12	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-13	WVET-13	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-14	WVET-14	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-15	WVET-15	5/28/2004	3'-3'	—	—	—	—	—	—	—	—
WVET-16	WVET-16	5/28/2004	3'-3'	—	—	—	—	—	—	—	—

Notes:
Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable unsaturated soil
< - sample less than the indicated method detection limit
Bold indicates analyte detected
Orange indicates value is above the preliminary screening level
Blue indicates method reporting limit greater than screening level
D - sample diluted
J - estimated concentration above the method detection limit but below the method reporting limit
R - sample result rejected due to being non detect and having no surrogate recovery
Y - estimated concentration

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
			Preliminary Screening Level	7.20E-05	3.07E-03	—	8.07E-03	1.13	1.87E-04	4.34E-03	3.14E-03	0.03
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.0390	<0.0450	<0.0400	<0.0370	<0.0370	<0.0270	<0.0370	<0.0200	<0.100
A1	A1-5.5-7	4/19/2004	5.5'-7'	<0.00215	<0.00107	<0.00107	<0.00107	—	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	<0.139	<0.0693	<0.0693	<0.0693	—	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	<0.00250	<0.00125	<0.00125	<0.00125	—	—	—	—	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	<0.00550	<0.00110	<0.00110	<0.00110	—	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	<0.00247	<0.00123	<0.00123	<0.00123	—	—	—	—	—
B2	B2-10	3/20/1999	10'	<0.00630	<0.00130	<0.00130	<0.00130	—	—	—	—	—
B2	B2-15	3/20/1999	15'	—	—	—	—	—	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.0390	<0.0450	<0.0400	<0.0370	<0.0370	<0.0270	<0.0370	<0.0200	<0.100
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.00262	<0.00131	<0.00131	<0.00131	<0.0370	<0.0270	<0.0370	<0.0200	<0.100
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	—	—	—	—	—	—	—	—	—
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00226	<0.00113	<0.00113	<0.00113	<0.0370	<0.0270	<0.0370	<0.0200	<0.100
B8	B8-15	3/20/1999	14.5'-15'	<0.00690	<0.00140	<0.00140	<0.00140	—	—	—	—	—
B10	B10-10-12	3/26/2003	10'-12'	<0.00651	<0.00651	<0.00651	<0.00651	—	—	—	—	—
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	<0.0242	<0.0121	<0.0121	<0.0121	—	—	—	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	<0.0138	<0.00690	<0.00690	<0.00690	—	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	<0.00265	<0.00133	<0.00133	<0.00133	—	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	<0.00237	<0.00118	<0.00118	<0.00118	—	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	<0.00263	<0.00131	<0.00131	<0.00131	—	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	<0.00620	<0.00120	<0.00120	<0.00120	—	—	—	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.00670	<0.00130	<0.00130	<0.00130	<0.460	<0.460	<0.280	<0.280	<0.920
BY-4	BY-4-4-6	2/21/2002	4'-6'	<0.00650	<0.00130	<0.00130	<0.00130	—	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	<0.00690	<0.00140	<0.00140	<0.00140	—	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	<0.00590	<0.00120	<0.00120	<0.00120	—	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	<0.00540	<0.00110	<0.00110	<0.00110	—	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.0140	<0.00290	<0.00290	<0.00290	<0.410	<0.410	<0.250	<0.250	<0.830
C1	C1-3-4.5	3/25/2004	3'-4.5'	<0.00241	<0.00120	<0.00120	<0.00120	—	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.0390	<0.0450	<0.0400	<0.0370	<0.0370	<0.0270	<0.0370	<0.0200	<0.100
C6	C6-3-4.5	4/9/2004	3'-4.5'	<0.0390	<0.0450	<0.0400	<0.0370	<0.0370	<0.0270	<0.0370	<0.0200	<0.100
C6	C6-8.5-10	4/9/2004	8.5'-10'	<0.00232	<0.00116	<0.00116	<0.00116	—	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	<0.00245	<0.00122	<0.00122	<0.00122	—	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	<0.00644	<0.00644	<0.00644	<0.00644	—	—	—	—	—
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	<0.00231	<0.00115	<0.00115	<0.00115	—	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	<0.00237	<0.00119	<0.00119	<0.00119	—	—	—	—	—
DO	DO-3-4.5	3/30/2004	3'-4.5'	<0.00257	<0.00129	<0.00129	<0.00129	—	—	—	—	—
DO	DO-7.5-9	3/30/2004	7.5'-9'	<0.00240	<0.00120	<0.00120	<0.00120	—	—	—	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	<0.00244	<0.00122	<0.00122	<0.00122	—	—	—	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	<0.00217	<0.00108	<0.00108	<0.00108	—	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	<0.00240	<0.00120	<0.00120	<0.00120	—	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.00229	<0.00114	<0.00114	<0.00114	—	—	—	—	—
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—	—
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—	—
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
			Preliminary Screening Level	7.20E-05	3.07E-03	—	8.07E-03	1.13	1.87E-04	4.34E-03	3.14E-03	0.03
DG11-5	DG11-5-5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-6	DG11-6-4.5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	<0.00600	<0.00120	<0.00120	<0.00120	—	—	—	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	<0.00640	<0.00130	<0.00130	<0.00130	—	—	—	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	<0.00570	<0.00110	<0.00110	<0.00110	—	—	—	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.0820	<0.0820	<0.0820	<0.0820	<0.410	<0.410	<0.250	<0.250	<0.820
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.0730	<0.0730	<0.0730	<0.0730	<0.370	<0.370	<0.220	<0.220	<0.730
DS-2	DS-2-6-8	2/22/2002	6'-8'	<0.00570	<0.00110	<0.00110	<0.00110	<1.20	<1.20	<0.740	<0.740	<2.50
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.0870	<0.0870	<0.0870	<0.0870	<0.440	<0.440	<0.260	<0.260	<0.870
E0	E0-3-4.5	3/31/2004	3'-4.5'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	<0.00251	<0.00126	<0.00126	<0.00126	—	—	—	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	<0.00214	<0.00107	<0.00107	<0.00107	—	—	—	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	<0.00225	<0.00113	<0.00113	<0.00113	—	—	—	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	<0.00248	<0.00124	<0.00124	<0.00124	—	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	<0.00220	<0.00110	<0.00110	<0.00110	—	—	—	—	—
E7	E7-3-4.5	3/22/2004	3'-4.5'	<0.123	<0.123	<0.123	<0.123	—	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	<0.00287	<0.00143	<0.00143	<0.00143	—	—	—	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	<0.102	<0.102	<0.102	<0.102	—	—	—	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	<0.114	<0.114	<0.114	<0.114	—	—	—	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	<0.114	<0.114	<0.114	<0.114	—	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	<0.00620	<0.00620	<0.00620	<0.00620	—	—	—	—	—
EAST-3	EAST-3	4/1/2004	7'	<0.00588	<0.00588	<0.00588	<0.00588	—	—	—	—	—
F0	F0-3-4.5	3/30/2004	3'-4.5'	<0.00239	<0.00119	<0.00119	<0.00119	—	—	—	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	<0.00269	<0.00135	<0.00135	<0.00135	—	—	—	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	<0.00264	<0.00132	<0.00132	<0.00132	—	—	—	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	<0.00256	<0.00128	<0.00128	<0.00128	—	—	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	<0.00257	<0.00129	<0.00129	<0.00129	—	—	—	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	<0.00251	<0.00125	<0.00125	<0.00125	—	—	—	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	<0.00253	<0.00127	<0.00127	<0.00127	—	—	—	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	<0.00248	<0.00124	<0.00124	<0.00124	—	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	<2.53	<2.53	<2.53	<2.53	—	—	—	—	—
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	<0.00255	<0.00127	<0.00127	<0.00127	—	—	—	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	<0.00238	<0.00119	<0.00119	<0.00119	—	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	<0.479	<0.479	<0.479	<0.479	—	—	—	—	—
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	<0.117	<0.117	<0.117	<0.117	—	—	—	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	<0.128	<0.128	<0.128	<0.128	—	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	<0.132	<0.132	<0.132	<0.132	—	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	<0.00266	<0.00133	<0.00133	<0.00133	—	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	<0.0138	<0.00690	<0.00690	<0.00690	—	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	<0.00246	<0.00123	<0.00123	<0.00123	—	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	<0.00264	<0.00132	<0.00132	<0.00132	—	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	<0.125	<0.125	<0.125	<0.125	—	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	<0.00247	<0.00123	<0.00123	<0.00123	—	—	—	—	—
G0	GO-3-4.5	3/30/2004	3'-4.5'	<0.00249	<0.00125	<0.00125	<0.00125	—	—	—	—	—
G0	GO-6-7.5	3/30/2004	6'-7.5'	<0.00234	<0.00117	<0.00117	<0.00117	—	—	—	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	<0.00271	<0.00136	<0.00136	<0.00136	—	—	—	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	<0.00250	<0.00125	<0.00125	<0.00125	—	—	—	—	—
H0	HO-3-4.5	3/31/2004	3'-4.5'	<0.00265	<0.00132	<0.00132	<0.00132	—	—	—	—	—
H0	HO-6-7.5	3/31/2004	6'-7.5'	<0.00675	<0.00337	<0.00337	<0.00337	—	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	<0.00225	<0.00112	<0.00112	<0.00112	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
			Preliminary Screening Level	7.20E-05	3.07E-03	—	8.07E-03	1.13	1.87E-04	4.34E-03	3.14E-03	0.03
H7	H7-8.5-10	3/29/2004	8.5'-10'	<0.00239	<0.00119	<0.00119	<0.00119	—	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	<0.00274	<0.00137	<0.00137	<0.00137	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	<0.00278	<0.00139	<0.00139	<0.00139	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	<0.00259	<0.00130	<0.00130	<0.00130	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	<0.00209	<0.00105	<0.00105	<0.00105	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	<0.00209	<0.00104	<0.00104	<0.00104	—	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	<0.00235	<0.00117	<0.00117	<0.00117	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	<0.00201	<0.00100	<0.00100	<0.00100	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	<0.00216	<0.00108	<0.00108	<0.00108	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	<0.00233	<0.00117	<0.00117	<0.00117	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	<0.00252	<0.00126	<0.00126	<0.00126	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	<0.00456	<0.00228	<0.00228	<0.00228	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	<0.00222	<0.00111	<0.00111	<0.00111	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	<0.00225	<0.00113	<0.00113	<0.00113	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	<0.00315	<0.00157	<0.00157	<0.00157	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	<0.00250	<0.00125	<0.00125	<0.00125	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	<0.00252	<0.00126	<0.00126	<0.00126	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	<0.00273	<0.00137	<0.00137	<0.00137	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	<0.127	<0.127	<0.127	<0.127	—	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	<0.100	<0.100	<0.100	<0.100	—	—	—	—	—
MW-38A	MW38-35	5/2/2002	35'	<0.00500	<0.00100	<0.00100	<0.00100	—	—	—	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.00480	<0.00130	<0.00130	<0.00130	<0.0960	<0.0960	<0.190	<0.00480	<0.820
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.00470	<0.00130	<0.00130	<0.00130	<0.0940	<0.0940	<0.190	<0.00470	<0.800
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.00480	<0.0190	<0.0190	<0.00480	<0.0970	<0.0970	<0.190	<0.00480	<0.820
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	<0.00750	<0.00150	<0.00150	<0.00150	—	—	—	—	—
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	0.00580	<0.00130	<0.00130	<0.00130	<0.0940	<0.0940	<0.190	<0.00470	<0.800
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.00480	<0.0190	<0.0190	<0.00480	<0.0960	<0.0960	<0.190	0.180	<0.810
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<0.00470	<0.0190	<0.0190	<0.00470	<0.0950	<0.0950	<0.190	0.0170	<0.810
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	<0.00610	<0.00120	<0.00120	<0.00120	—	—	—	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	<0.450	<0.0900	<0.0900	<0.0900	—	—	—	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	<0.840	<0.170	<0.170	<0.170	—	—	—	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<0.00600	<0.00120	<0.00120	<0.00120	—	—	—	—	—
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.00480	<0.00120	<0.00120	<0.00120	<0.0960	<0.0960	<0.190	<0.00480	<0.820
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.00460	<0.00130	<0.00130	<0.00130	<0.0920	<0.0920	<0.180	<0.00460	<0.780
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	<0.00620	<0.00120	<0.00120	<0.00120	—	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.00470	<0.00120	<0.00120	<0.00120	<0.0930	<0.0930	<0.190	<0.00470	<0.790
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.00490	<0.00130	<0.00130	<0.00130	<0.0980	<0.0980	<0.200	<0.00490	<0.840
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00460	<0.00130	<0.00130	<0.00130	<0.0910	<0.0910	<0.180	<0.00460	<0.780
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	<0.00740	<0.00150	<0.00150	<0.00150	—	—	—	—	—
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00490	<0.00130	<0.00130	<0.00130	<0.0980	<0.0980	<0.200	<0.00490	<0.840
N1	N1-3-4.5	4/12/2004	3'-4.5'	<0.00287	<0.00144	<0.00144	<0.00144	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	<0.00242	<0.00121	<0.00121	<0.00121	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	<0.00270	<0.00135	<0.00135	<0.00135	—	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	<0.0610	<0.0120	<0.0120	<0.0120	—	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.0820	<0.0820	<0.0820	<0.0820	<0.410	<0.410	<0.250	<0.250	<0.820
NA-2	NA-2-3-5	2/20/2002	3'-5'	<0.00600	<0.00120	<0.00120	<0.00120	—	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.0810	<0.0810	<0.0810	<0.0810	<0.410	<0.410	<0.240	<0.240	<0.810
NA-3	NA-3-4-5	2/20/2002	4'-5'	<0.00580	<0.00120	<0.00120	<0.00120	—	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	<0.00640	<0.00130	<0.00130	<0.00130	—	—	—	—	—
NA-4	NA-4-3.5-5	2/20/2002	3.5'-5'	<0.00600	<0.00120	<0.00120	<0.00120	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9	51-28-5
			Preliminary Screening Level	7.20E-05	3.07E-03	—	8.07E-03	1.13	1.87E-04	4.34E-03	3.14E-03	0.03	
NA-4	NA-4-5-6	2/20/2002	5'-6'	<0.00580	<0.00120	<0.00120	<0.00120	—	—	—	—	—	
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.0110	<0.00220	<0.00220	<0.00220	<0.390	<0.390	<0.230	<0.230	<0.770	
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.730	<0.160	<0.160	<0.160	<3.60	<3.60	<2.20	<2.20	<7.30	
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.00610	<0.00120	<0.00120	<0.00120	<0.410	<0.410	<0.250	<0.250	<0.820	
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.0790	<0.0790	<0.0790	<0.0790	<0.390	<0.390	<0.240	<0.240	<0.790	
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.00650	<0.00130	<0.00130	<0.00130	—	—	—	—	—	
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	<0.00248	<0.00124	<0.00124	<0.00124	—	—	—	—	—	
P3	P3-5-6.5	4/12/2004	5'-6.5'	<0.00289	<0.00145	<0.00145	<0.00145	—	—	—	—	—	
P4	P4-3-4.5	4/12/2004	3'-4.5'	<0.00280	<0.00140	<0.00140	<0.00140	—	—	—	—	—	
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	<0.00270	<0.00135	<0.00135	<0.00135	—	—	—	—	—	
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	<0.00277	<0.00139	<0.00139	<0.00139	—	—	—	—	—	
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	<0.00265	<0.00132	<0.00132	<0.00132	—	—	—	—	—	
R4	R4-3-4.5	4/2/2004	3'-4.5'	<0.00273	<0.00137	<0.00137	<0.00137	—	—	—	—	—	
R6	R6-5-6.5	4/6/2004	5'-6.5'	<0.00274	<0.00137	<0.00137	<0.00137	—	—	—	—	—	
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	<0.00281	<0.00141	<0.00141	<0.00141	—	—	—	—	—	
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	<0.00271	<0.00135	<0.00135	<0.00135	—	—	—	—	—	
S5	SS-5-6.5	4/6/2004	5'-6.5'	<0.00304	<0.00152	<0.00152	<0.00152	—	—	—	—	—	
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—	—	—	
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—	—	—	
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—	—	—	
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—	—	—	
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—	—	—	
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	<0.0260	<0.0160	<0.0210	<0.0190	—	—	—	—	—	
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	<0.000580	<0.000590	<0.000550	<0.000580	—	—	—	—	—	
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	<0.00302	<0.00151	<0.00151	<0.00151	—	—	—	—	—	
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.0100	<0.0100	<0.0100	<0.0100	<3.00	<3.00	<3.00	<3.00	<9.00	
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900	
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
			Preliminary Screening Level	7.20E-05	3.07E-03	—	8.07E-03	1.13	1.87E-04	4.34E-03	3.14E-03	0.03
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.300	<0.300	<0.300	<0.300	<0.900
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00490	<0.00245	<0.00245	<0.00245	—	—	—	—	—
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	<0.00234	<0.00117	<0.00117	<0.00117	—	—	—	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00268	<0.00134	<0.00134	<0.00134	—	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00731	<0.00365	<0.00365	<0.00365	—	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00242	<0.00121	<0.00121	<0.00121	—	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00260	<0.00130	<0.00130	<0.00130	—	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00234	<0.00117	<0.00117	<0.00117	—	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00231	<0.00116	<0.00116	<0.00116	—	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00235	<0.00118	<0.00118	<0.00118	—	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00230	<0.00115	<0.00115	<0.00115	—	—	—	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00225	<0.00113	<0.00113	<0.00113	—	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.0122	<0.00612	<0.00612	<0.00612	—	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	<0.00469	<0.00235	<0.00235	<0.00235	—	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00238	<0.00119	<0.00119	<0.00119	—	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	<0.00562	<0.00562	<0.00562	<0.00562	—	—	—	—	—
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00580	<0.00120	<0.00120	<0.00120	—	—	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00690	<0.00140	<0.00140	<0.00140	—	—	—	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00570	<0.00110	<0.00110	<0.00110	—	—	—	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00680	<0.00140	<0.00140	<0.00140	—	—	—	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00630	<0.00130	<0.00130	<0.00130	—	—	—	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00660	<0.00130	<0.00130	<0.00130	—	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00700	<0.00140	<0.00140	<0.00140	—	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00690	<0.00140	<0.00140	<0.00140	—	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00730	<0.00150	<0.00150	<0.00150	<0.490	<0.490	<0.290	<0.290	<0.970
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00579	<0.00579	<0.00579	<0.00579	—	—	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00542	<0.00542	<0.00542	<0.00542	—	—	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00532	<0.00532	<0.00532	<0.00532	—	—	—	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00555	<0.00555	<0.00555	<0.00555	—	—	—	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00587	<0.00587	<0.00587	<0.00587	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				CAS	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
					121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5	91-94-1	99-09-2
	Preliminary Screening Level			6.88E-05	0.11	6,400	0.01	0.01	800	—	3.34E-06	—	
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.0320	<0.0300	<0.0390	<0.0420	<0.0620	<0.0370	<0.0280	<1.00	<0.0330	
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	—	—	—	
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—	—	—	
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	—	—	—	
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
B2	B2-10	3/20/1999	10'	—	—	—	—	—	—	—	—	—	
B2	B2-15	3/20/1999	15'	—	—	—	—	—	—	—	—	—	
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.0320	<0.0300	<0.0390	<0.0420	<0.0620	<0.0370	<0.0280	<1.00	<0.0330	
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.0320	<0.0300	<0.0390	<0.0420	<0.0620	<0.0370	<0.0280	<1.00	<0.0330	
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	—	—	—	—	—	—	—	—	—	
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—	
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.0320	<0.0300	<0.0390	<0.0420	<0.0620	<0.0370	<0.0280	<1.00	<0.0330	
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—	
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	—	—	—	
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	—	—	—	
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—	—	—	
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	—	—	—	
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—	
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.460	<0.460	<0.0920	<0.0920	<0.0920	<0.460	<0.460	<0.460	<0.550	
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—	—	—	
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—	—	—	
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—	—	—	
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—	
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.410	<0.410	<0.0830	<0.0830	<0.0830	<0.410	<0.410	<0.410	<0.500	
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.0320	<0.0300	<0.0390	<0.0420	<0.0620	<0.0370	<0.0280	<1.00	<0.0330	
C6	C6-3-4.5	4/9/2004	3'-4.5'	<0.0320	<0.0300	<0.0390	<0.0420	<0.0620	<0.0370	<0.0280	<1.00	<0.0330	
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—	—	—	
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
CENTER-3	CENTER-3	4/9/2004	7'	—	—	—	—	—	—	—	—	—	
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—	—	—	
D0	DO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
D0	DO-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	—	—	—	
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	—	—	—	
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—	—	
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—	
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—	—	
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—	
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—	—	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				CAS	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
					121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5	91-94-1	99-09-2
			Preliminary Screening Level	6.88E-05	0.11	6,400	0.01	0.01	800	—	3.34E-06	—	
DG11-5	DG11-5-5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—	
DG11-6	DG11-6-4.5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—	
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	—	—	—	
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	—	—	—	
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—	
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.410	<0.410	<0.0820	<0.0820	<0.0820	<0.410	<0.410	<0.410	<0.490	
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.370	<0.370	<0.0730	<0.0730	<0.0730	<0.370	<0.370	<0.370	<0.440	
DS-2	DS-2-6-8	2/22/2002	6'-8'	<1.20	<1.20	<0.250	<0.250	<0.250	<1.20	<1.20	<1.20	<1.50	
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.440	<0.440	<0.0870	<0.0870	<0.0870	<0.440	<0.440	<0.440	<0.520	
E0	EO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	—	—	—	
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	—	—	—	
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	—	—	—	
EAST-1	EAST-1	4/1/2004	5'	—	—	—	—	—	—	—	—	—	
EAST-3	EAST-3	4/1/2004	7'	—	—	—	—	—	—	—	—	—	
FO	FO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	—	—	—	—	—	—	—	
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—	—	
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	—	—	—	
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	—	—	—	—	—	—	—	—	
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—	—	
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—	—	—	
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—	—	—	
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—	
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
GO	GO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
GO	GO-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
HO	HO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
HO	HO-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semivolatile Organic Compound's (milligrams per kilogram)							3,3'-Dichlorobenzidine 91-94-1	3-Nitroaniline 99-09-2
					2,4-Dinitrotoluene 121-14-2	2,6-Dinitrotoluene 606-20-2	2-Chloronaphthalene 91-58-7	2-Chlorophenol 95-57-8	2-Methylphenol (o-Cresol) 95-48-7	2-Nitroaniline 88-74-4	2-Nitrophenol 88-75-5		
					Preliminary Screening Level 6.88E-05	0.11	6,400	0.01	0.01	800	—		
H7	H7-8.5-10	3/29/2004	8.5'-10'		—	—	—	—	—	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'		—	—	—	—	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'		—	—	—	—	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'		—	—	—	—	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'		—	—	—	—	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'		—	—	—	—	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'		—	—	—	—	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'		—	—	—	—	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'		—	—	—	—	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'		—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'		—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'		—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'		—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'		—	—	—	—	—	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'		—	—	<0.100	—	—	—	—	—	—
MW-38A	MW38-35	5/2/2002	35'		—	—	—	—	—	—	—	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'		<0.0960	<0.0960	<0.0190	<0.0190	<0.00480	<0.0960	<0.0960	—	<0.0960
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'		<0.0940	<0.0940	<0.0190	<0.0190	<0.00470	<0.0940	<0.0940	—	<0.0940
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'		<0.0970	<0.0970	<0.0190	<0.0190	<0.00480	<0.0970	<0.0970	—	<0.0970
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'		—	—	—	—	—	—	—	—	—
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'		<0.0940	<0.0940	<0.0190	<0.0190	<0.00470	<0.0940	<0.0940	—	<0.0940
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'		<0.0960	<0.0960	<0.0190	<0.0190	0.0830	<0.0960	<0.0960	—	<0.0960
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'		<0.0950	<0.0950	<0.0190	<0.0190	<0.00470	<0.0950	<0.0950	—	<0.0950
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'		—	—	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'		—	—	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'		—	—	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'		—	—	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'		<0.0960	<0.0960	<0.0190	<0.0190	<0.00480	<0.0960	<0.0960	—	<0.0960
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'		<0.0920	<0.0920	<0.0180	<0.0180	<0.00460	<0.0920	<0.0920	—	<0.0920
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'		—	—	—	—	—	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'		<0.0930	<0.0930	<0.0190	<0.0190	<0.00470	<0.0930	<0.0930	—	<0.0930
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'		<0.0980	<0.0980	<0.0200	<0.0200	<0.00490	<0.0980	<0.0980	—	<0.0980
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'		<0.0910	<0.0910	<0.0180	<0.0180	<0.00460	<0.0910	<0.0910	—	<0.0910
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'		—	—	—	—	—	—	—	—	—
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'		<0.0980	<0.0980	<0.0200	<0.0200	<0.00490	<0.0980	<0.0980	—	<0.0980
N1	N1-3-4.5	4/12/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'		—	—	—	—	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'		—	—	—	—	—	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'		—	—	—	—	—	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'		<0.410	<0.410	<0.0820	<0.0820	<0.0820	<0.410	<0.410	<0.410	<0.490
NA-2	NA-2-3-5	2/20/2002	3'-5'		—	—	—	—	—	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'		<0.410	<0.410	<0.0810	<0.0810	<0.0810	<0.410	<0.410	<0.410	<0.490
NA-3	NA-3-4-5	2/20/2002	4'-5'		—	—	—	—	—	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'		—	—	—	—	—	—	—	—	—
NA-4	NA-4-3.5-5	2/20/2002	3.5'-5'		—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semivolatile Organic Compound's (milligrams per kilogram)							3,3'-Dichlorobenzidine	3-Nitroaniline
					2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol		
					121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5		
Preliminary Screening Level				6.88E-05	0.11	6,400	0.01	0.01	800	—	3.34E-06	—	
NA-4	NA-4-5-6	2/20/2002	5'-6'		—	—	—	—	—	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'		<0.390	<0.390	<0.0770	<0.0770	<0.0770	<0.390	<0.390	<0.390	<0.460
NA-5	NA-5-5-7	2/20/2002	5'-7'		<3.60	<3.60	<0.730	<0.730	<0.730	<3.60	<3.60	<3.60	<4.40
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'		<0.410	<0.410	<0.0820	<0.0820	<0.0820	<0.410	<0.410	<0.410	<0.490
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'		<0.390	<0.390	<0.0790	<0.0790	<0.0790	<0.390	<0.390	<0.390	<0.470
NA-8	NA-8-5-7	2/20/2002	5'-7'		—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'		—	—	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'		—	—	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
S5	SS-5-6.5	4/6/2004	5'-6.5'		—	—	—	—	—	—	—	—	—
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'		—	—	—	—	—	—	—	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'		—	—	—	—	—	—	—	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'		—	—	—	—	—	—	—	—	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'		—	—	—	—	—	—	—	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'		—	—	—	—	—	—	—	—	—
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'		—	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'		—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'		—	—	—	—	—	—	—	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'		<0.300	<0.300	<0.300	<3.00	<3.00	<0.300	<3.00	—	<9.00
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	—	<0.300	—	—
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'		<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				CAS	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
					121-14-2	606-20-2	91-58-7	95-57-8	95-48-7	88-74-4	88-75-5	91-94-1	99-09-2
			Preliminary Screening Level	6.88E-05	0.11	6,400	0.01	0.01	800	—	3.34E-06	—	
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.300	<0.300	<0.0300	<0.300	—	<0.900	
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—	
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—	
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	—	—	—	—	—	—	—	—	
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—	—	
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—	—	—	
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	—	—	—	
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	—	—	—	
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	—	—	—	—	—	—	—	
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	—	—	—	
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	—	—	—	
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
WEST-3	WEST-3	4/1/2004	5'	—	—	—	—	—	—	—	—	—	
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—	
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—	
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—	
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—	
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—	
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—	
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	—	—	—	
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	—	—	—	
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.490	<0.490	<0.0970	<0.0970	<0.0970	<0.490	<0.490	<0.490	<0.580	
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—	
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—	
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	—	—	—	—	—	—	—	
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—	
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Aniline
				CAS 534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7	62-53-3
Preliminary Screening Level				—	—	—	0.81	—	0.67	—	7	149.75
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.0230	<0.0410	<0.0260	<0.0520	<0.0320	—	<0.0400	<0.0320	<0.0470
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—	—	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
B2	B2-10	3/20/1999	10'	—	—	—	—	—	—	—	—	—
B2	B2-15	3/20/1999	15'	—	—	—	—	—	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.0230	<0.0410	<0.0260	<0.0520	<0.0320	—	<0.0400	<0.0320	<0.0470
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.0230	<0.0410	<0.0260	<0.0520	<0.0320	—	<0.0400	<0.0320	<0.0470
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	—	—	—	—	—	—	—	—	—
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.0230	<0.0410	<0.0260	<0.0520	<0.0320	—	<0.0400	<0.0320	<0.0470
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.920	<0.0920	<0.180	<0.280	<0.0920	<0.0920	<0.460	<0.460	—
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.830	<0.0830	<0.170	<0.250	<0.0830	<0.0830	<0.410	<0.410	—
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.0230	<0.0410	<0.0260	<0.0520	<0.0320	—	<0.0400	<0.0320	<0.0470
C6	C6-3-4.5	4/9/2004	3'-4.5'	<0.0230	<0.0410	<0.0260	<0.0520	<0.0320	—	<0.0400	0.369J	<0.0470
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—	—	—
D0	DO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
D0	DO-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	—	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—	—
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—	—
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Aniline
				CAS 534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7	62-53-3
Preliminary Screening Level				—	—	—	0.81	—	0.67	—	7	149.75
DG11-5	DG11-5-5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-6	DG11-6-4.5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	—	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	—	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.820	<0.0820	<0.160	<0.250	<0.0820	<0.0820	<0.410	<0.410	—
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.730	<0.0730	<0.150	<0.220	<0.0730	<0.0730	<0.370	<0.370	—
DS-2	DS-2-6-8	2/22/2002	6'-8'	<2.50	<0.250	<0.500	<0.740	<0.250	<0.250	<1.20	<1.20	—
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.870	<0.0870	<0.170	<0.260	<0.0870	<0.0870	<0.440	<0.440	—
E0	EO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	—	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	—	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	—	—	—	—	—	—	—	—	—
EAST-3	EAST-3	4/1/2004	7'	—	—	—	—	—	—	—	—	—
FO	FO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	—	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
G0	GO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
G0	GO-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
H0	HO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
H0	HO-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Aniline
				534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7	62-53-3
Preliminary Screening Level				—	—	—	0.81	—	0.67	—	7	149.75
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	—	<0.100	—	—	<0.100	—	—	—	—
MW-38A	MW38-35	5/2/2002	35'	—	—	—	—	—	—	—	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.190	<0.0190	<0.0960	<0.260	<0.0190	<0.0380	<0.0960	<0.0960	<0.520
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.190	<0.0190	<0.0940	<0.260	<0.0190	<0.0380	<0.0940	<0.0940	<0.510J
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.190	<0.0190	<0.0970	<0.260	<0.0190	<0.0390	<0.0970	<0.0970	<0.520J
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	—	—	—	—	—	—	—	—	—
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.190	<0.0190	<0.0940	<0.250	<0.0190	<0.0380	<0.0940	<0.0940	<0.510J
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.190	<0.0190	<0.0960	<0.260	<0.0190	0.120	<0.0960	<0.0960	<0.520J
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<0.190	<0.0190	<0.0950	<0.260	<0.0190	<0.0380	<0.0950	<0.0950	<0.510J
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	—	—	—	—	—	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	—	—	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.190	<0.0190	<0.0960	<0.260J	<0.0190	<0.0380	<0.0960	<0.0960	<0.520J
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.180J	<0.0180	<0.0920	<0.250	<0.0180	<0.0370	<0.0920J	<0.0920	<0.500J
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	—	—	—	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.190J	<0.0190	<0.0930	<0.250	<0.0190	<0.0370	<0.0930	<0.0930	<0.500J
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.200	<0.0200	<0.0980	<0.270	<0.0200	<0.0390	<0.0980	<0.0980	<0.530J
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.180J	<0.0180	<0.0910	<0.250	<0.0180	<0.0360	<0.0910	<0.0910	<0.490J
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	—	—	—	—	—	—	—
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.200J	<0.0200	<0.0980	<0.270	<0.0200	<0.0390	<0.0980	<0.0980	<0.530J
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.820	<0.0820	<0.160	<0.250	<0.0820	<0.0820	<0.410	<0.410	—
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	—	—	—	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.810	<0.0810	<0.160	<0.240	<0.0810	<0.0810	<0.410	<0.410	—
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	—	—	—	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	—	—
NA-4	NA-4-3.5-5	2/20/2002	3.5'-5'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Aniline
				CAS 534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7	62-53-3
Preliminary Screening Level				—	—	—	0.81	—	0.67	—	7	149.75
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	—	—	—	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.770	<0.0770	<0.150	<0.230	<0.0770	<0.0770	<0.390	<0.390	—
NA-5	NA-5-5-7	2/20/2002	5'-7'	<7.30	<0.730	<1.50	<2.20	<0.730	<0.730	<3.60	<3.60	—
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.820	<0.0820	<0.160	<0.250	<0.0820	<0.0820	<0.410	<0.410	—
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.790	<0.0790	<0.160	<0.240	<0.0790	<0.0790	<0.390	<0.390	—
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
S5	SS-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	—	—	—	—	—	—	—	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	—	—	—	—	—	—	—	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	—	—	—	—	—	—	—	—	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	—	—	—	—	—	—	—	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	—	—	—	—	—	—	—	—	—
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	—	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<9.00	<0.300	<3.00	<30.0	<0.300	<3.00	<9.00	<3.00	—
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	—	—	<0.300	—	<0.0300	<0.300	—	<0.300	—
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol	Aniline
				CAS 534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7	62-53-3
Preliminary Screening Level				—	—	—	0.81	—	0.67	—	7	149.75
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.900	<0.0300	<0.300	<3.00	<0.0300	<0.300	<0.900	<0.300	—
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	—	—	—	—	—	—	—	—	—
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.970	<0.0970	<0.190	<0.290	<0.0970	<0.0970	<0.490	<0.490	—
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Benzoic acid	Benzyl alcohol	Bis (2-chloroisopropyl) ether	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
				65-85-0	100-51-6	39638-32-9	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
			Preliminary Screening Level	0.17	0.06	—	3,200	—	2.18E-05	5.12E-03	1.82E-04	—
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.110	<0.0500	<0.0420	—	<0.0470	<0.0410	0.344	<0.0260	<0.0220
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	—	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—	—	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	—	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
B2	B2-10	3/20/1999	10'	—	—	—	—	—	—	—	—	—
B2	B2-15	3/20/1999	15'	—	—	—	—	—	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.110	<0.0500	<0.0420	—	<0.0470	<0.0410	0.528	<0.0260	<0.0220
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.110	<0.0500	<0.0420	—	<0.0470	<0.0410	0.698	<0.0260	<0.0220
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	—	—	—	—	—	—	—	—	—
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.110	<0.0500	<0.0420	—	<0.0470	<0.0410	0.679	<0.0260	<0.0220
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	—	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.920	<0.460	—	<0.0920	<0.0920	<0.180	0.440	<0.0920	<0.0920
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.830	<0.410	—	<0.0830	<0.0830	<0.170	0.780	<0.0830	<0.0830
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.110	<0.0500	<0.0420	—	<0.0470	<0.0410	0.329J	<0.0260	<0.0220
C6	C6-3-4.5	4/9/2004	3'-4.5'	<0.110	<0.0500	<0.0420	—	<0.0470	<0.0410	0.667	<0.0260	<0.0220
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
CENTER-3	CENTER-3	4/9/2004	7'	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—	—	—
D0	DO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
D0	DO-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	—	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	0.0350	—	—
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	<0.0240	—	—
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	<0.0240	—	—
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	<0.0240	—	—
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	<0.0240	—	—
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	<0.0240	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Benzoic acid	Benzyl alcohol	Bis (2-chloroisopropyl) ether	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
				CAS 65-85-0	100-51-6	39638-32-9	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
Preliminary Screening Level				0.17	0.06	—	3,200	—	2.18E-05	5.12E-03	1.82E-04	—
DG11-5	DG11-5-5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-6	DG11-6-4.5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	—	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	—	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.820	<0.410	—	<0.0820	<0.0820	<0.160	<0.0820	<0.0820	<0.0820
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.730	<0.370	—	<0.0730	<0.0730	<0.150	0.130	<0.0730	<0.0730
DS-2	DS-2-6-8	2/22/2002	6'-8'	<2.50	<1.20	—	<0.250	<0.250	<0.500	0.260	<0.250	0.690
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.870	<0.440	—	<0.0870	<0.0870	<0.170	0.0950	<0.0870	<0.0870
E0	EO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	—	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	—	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	—	—	—
EAST-1	EAST-1	4/1/2004	5'	—	—	—	—	—	—	—	—	—
EAST-3	EAST-3	4/1/2004	7'	—	—	—	—	—	—	—	—	—
FO	FO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—	—
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	—	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	—	—	—	—	—	—	—	—
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
GO	GO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
GO	GO-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
HO	HO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
HO	HO-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Benzoic acid	Benzyl alcohol	Bis (2-chloroisopropyl) ether	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
				CAS 65-85-0	100-51-6	39638-32-9	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
Preliminary Screening Level				0.17	0.06	—	3,200	—	2.18E-05	5.12E-03	1.82E-04	—
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	—	—	—	—	—	<0.100	0.130	<0.100	—
MW-38A	MW38-35	5/2/2002	35'	—	—	—	—	—	—	—	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.380	<0.00480	—	<0.0190	<0.0190	<0.0190	0.0360	<0.00480	<0.0190
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.380J	<0.00470	—	<0.0190	<0.0190	<0.0190	<0.0240	<0.00470	<0.0190
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.390J	<0.00480	—	<0.0190	<0.0190	<0.0190	0.0390	<0.00480	<0.0190
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	—	—	—	—	—	—	0.110	—	—
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.380J	<0.00470	—	<0.0190	<0.0190	<0.0190	0.0260	<0.00470	<0.0190
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.380	<0.00480	—	<0.0190	<0.0190	<0.0190	<0.0240	<0.00480	0.0530
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<0.380	<0.00470	—	<0.0190	<0.0190	<0.0190	0.250	<0.00470	0.0300
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	—	—	—	—	0.0190J	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	—	—	—	—	0.0390	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	—	—	—	—	0.0170J	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	—	—	—	—	—	—	—	—	—
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.380	0.0190R	—	<0.0190	<0.0190	<0.0190	<0.0240	<0.00480	<0.0190
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.370	<0.00460	—	<0.0180	<0.0180	<0.0180	<0.0230	<0.00460	<0.0180J
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	—	—	—	—	—	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.370J	<0.00470	—	<0.0190	<0.0190	<0.0190	0.0230	<0.00470	<0.0190J
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.390J	<0.00490	—	<0.0200	<0.0200	<0.0200	0.0300	<0.00490	<0.0200
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.360	<0.00460	—	<0.0180	<0.0180	<0.0180	<0.0230	<0.00460	<0.0180
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	—	—	—	—	—	—	—
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.390	<0.00490	—	<0.0200	<0.0200	<0.0200	<0.0250	<0.00490	<0.0200
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.820	<0.410	—	<0.0820	<0.0820	<0.160	<0.0820	<0.0820	0.120
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	—	—	—	—	—	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.810	<0.410	—	<0.0810	<0.0810	<0.160	<0.0810	<0.0810	<0.0810
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	—	—	—	—	—	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	—	—
NA-4	NA-4-3.5-5	2/20/2002	3.5'-5'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Benzoic acid	Benzyl alcohol	Bis (2-chloroisopropyl) ether	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
				CAS 65-85-0	100-51-6	39638-32-9	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
			Preliminary Screening Level	0.17	0.06	—	3,200	—	2.18E-05	5.12E-03	1.82E-04	—
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	—	—	—	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.770	<0.390	—	<0.0770	<0.0770	<0.150	0.130	<0.0770	<0.0770
NA-5	NA-5-5-7	2/20/2002	5'-7'	<7.30	<3.60	—	<0.730	<0.730	<1.50	<0.730	<0.730	<0.730
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.820	<0.410	—	<0.0820	<0.0820	<0.160	<0.0820	<0.0820	<0.0820
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.790	<0.390	—	<0.0790	<0.0790	<0.160	<0.0790	<0.0790	<0.0790
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
S5	SS-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	—	—	—	—	—	—	—	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	—	—	—	—	—	—	—	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	—	—	—	—	—	—	—	—	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	—	—	—	—	—	—	—	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	—	—	—	—	—	—	—	—	—
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	—	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0400	<0.0300	<0.0600
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.130	0.660	<0.0600
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0500	0.170	<0.0600
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0500	<0.0300	<0.0600
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<30.0	<0.300	<0.300	—	<0.300	<0.300	<0.300	<0.300	<0.600
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<3.00	<0.0300	—	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0400	<0.0300	<0.0600

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Benzoic acid	Benzyl alcohol	Bis (2-chloroisopropyl) ether	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
				CAS 65-85-0	100-51-6	39638-32-9	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8
			Preliminary Screening Level	0.17	0.06	—	3,200	—	2.18E-05	5.12E-03	1.82E-04	—
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0300	<0.0300	<0.0600
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0500	<0.0300	<0.0600
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0400	0.0880	0.340
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	1.30	0.0670	<0.0600
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0900	0.0360	<0.0600
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0600	0.0500	<0.0600
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.100	0.0530	<0.0600
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0300	<0.0300	<0.0600
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<3.00	<0.0300	<0.0300	—	<0.0300	<0.0300	0.0700	<0.0300	<0.0600
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	—	—	—	—	—	—	—	—	—
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.970	<0.490	—	<0.0970	<0.0970	<0.190	1.20	<0.0970	<0.0970
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclopentadiene	Hexachloroethane
				84-74-2	84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
			CAS	0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05
			Preliminary Screening Level									
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.0270	<0.0260	<0.0300	<0.0130	—	<0.0360	<0.0430	<0.0260	<0.0390
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	<0.00107	—	—
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	—	—	—	—	—	<0.0693	—	—
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	<0.00125	—	—
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	<0.00550	—	—
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	<0.00123	—	—
B2	B2-10	3/20/1999	10'	—	—	—	—	<5.00	—	<0.00630	—	—
B2	B2-15	3/20/1999	15'	—	—	—	—	<5.00	—	—	—	—
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.0270	<0.0260	<0.0300	<0.0130	—	<0.0360	<0.0430	<0.0260	<0.0390
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.0270	<0.0260	<0.0300	<0.0130	—	<0.0360	<0.00131	<0.0260	<0.0390
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	—	—	—	—	7.70Y	—	—	—	—
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	—	—	—	—	<5.00	—	—	—	—
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.0270	<0.0260	<0.0300	<0.0130	—	<0.0360	<0.00113	<0.0260	<0.0390
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	<0.00690	—	—
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	<0.00651	—	—
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	<0.0121	—	—
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	<0.00690	—	—
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	<0.00133	—	—
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	<0.00118	—	—
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	<0.00108	—	—
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	<0.00131	—	—
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	<0.00620	—	—
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.0920	<0.0920	<0.0920	<0.0920	—	<0.0920	<0.00670	<0.460	<0.180
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	<0.00650	—	—
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	<0.00690	—	—
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	<0.00590	—	—
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	<0.00540	—	—
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	0.0830	<0.0830	<0.0830	<0.0830	—	<0.0830	<0.0140	<0.410	<0.170
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	<0.00120	—	—
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.0270	<0.0260	<0.0300	<0.0130	—	<0.0360	<0.0430	<0.0260	<0.0390
C6	C6-3-4.5	4/9/2004	3'-4.5'	<0.0270	<0.0260	<0.0300	<0.0130	—	<0.0360	<0.0430	<0.0260	<0.0390
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	<0.00116	—	—
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	<0.00122	—	—
CENTER-3	CENTER-3	4/9/2004	7'	—	—	—	—	—	—	<0.00644	—	—
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	<0.00115	—	—
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	<0.00119	—	—
DO	DO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	<0.00129	—	—
DO	DO-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	<0.00120	—	—
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	<0.00122	—	—
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	<0.00108	—	—
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	<0.00117	—	—
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	<0.00120	—	—
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	<0.00117	—	—
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	—	—	—	—	—	<0.00114	—	—
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—	—
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—	—
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclopentadiene	Hexachloroethane
				84-74-2	84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
			CAS	0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05
			Preliminary Screening Level	0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05
DG11-5	DG11-5-5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-6	DG11-6-4.5	9/12/2011	4'-5'	—	—	—	—	—	—	—	—	—
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	<0.00600	—	—
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	<0.00640	—	—
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	<0.00570	—	—
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.0820	<0.0820	<0.0820	<0.0820	—	<0.0820	<0.160	<0.410	<0.160
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.0730	<0.0730	<0.0730	<0.0730	—	<0.0730	<0.150	<0.370	<0.150
DS-2	DS-2-6-8	2/22/2002	6'-8'	<0.250	<0.250	<0.250	<0.250	—	<0.250	<0.00570	<1.20	<0.500
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.0870	<0.0870	<0.0870	<0.0870	—	<0.0870	<0.170	<0.440	<0.170
E0	EO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	<0.00117	—	—
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	<0.00126	—	—
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	<0.00107	—	—
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	<0.00113	—	—
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	<0.00124	—	—
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	<0.00110	—	—
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	<0.123	—	—
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	<0.00143	—	—
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	<0.102	—	—
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	<0.114	—	—
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	<0.114	—	—
EAST-1	EAST-1	4/1/2004	5'	—	—	—	—	—	—	<0.00620	—	—
EAST-3	EAST-3	4/1/2004	7'	—	—	—	—	—	—	<0.00588	—	—
F0	FO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	<0.00119	—	—
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	<0.00135	—	—
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	<0.00132	—	—
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	<0.00128	—	—
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	<0.00129	—	—
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	<0.00125	—	—
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	<0.00127	—	—
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	—	—	—	—	<0.00124	—	—
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	<2.53	—	—
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	<0.00127	—	—
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	<0.00119	—	—
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	—	—	—	—	—	<0.479	—	—
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	<0.117	—	—
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	—	—	—	—	—	<0.128	—	—
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	0.290	—	—
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	<0.00133	—	—
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	<0.00690	—	—
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	<0.00123	—	—
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	<0.00132	—	—
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	—	—	—	—	—	<0.125	—	—
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	<0.00123	—	—
G0	GO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	<0.00125	—	—
G0	GO-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	<0.00117	—	—
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	<0.00136	—	—
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	<0.00125	—	—
H0	HO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	<0.00132	—	—
H0	HO-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	<0.00337	—	—
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	<0.00112	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclopentadiene	Hexachloroethane	
				84-74-2	84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1	
Preliminary Screening Level				0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05	
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—	<0.00119	—	—
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	—	—	—	—	—	<0.00137	—	—
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—	<0.00139	—	—
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—	<0.00130	—	—
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—	<0.00105	—	—
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	<0.00104	—	—
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	<0.00117	—	—
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—	<0.00100	—	—
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—	<0.00108	—	—
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	<0.00117	—	—
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	<0.00126	—	—
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	—	—	—	—	—	—	<0.00228	—	—
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—	<0.00111	—	—
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	<0.00113	—	—
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—	<0.00157	—	—
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	<0.00125	—	—
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	<0.00126	—	—
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	<0.00137	—	—
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	<0.127	—	—
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	1.20	—	<0.100	<0.100	—	<0.100	<0.100	<0.100	<0.100	<0.100
MW-38A	MW38-35	5/2/2002	35'	—	—	—	—	—	—	—	<0.00500	—	—
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.0190	<0.0480	<0.0190	<0.0190	—	<0.00480	<0.00480	<0.380	<0.0190	<0.0190
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.0190	<0.0470	<0.0190	<0.0190	—	<0.00470	<0.00470	<0.380	<0.0190	<0.0190
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.0190	<0.0480	<0.0190	<0.0190	—	<0.00480	<0.00480	<0.390	<0.0190	<0.0190
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	—	—	—	—	—	—	—	<0.00750	—	—
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.0190	<0.0470	<0.0190	<0.0190	—	<0.00470	<0.00470	<0.380	<0.0190	<0.0190
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.0190	<0.0480	<0.0190	<0.0190	—	<0.00480	<0.00480	<0.380	<0.0190	<0.0190
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<0.0190	<0.0470	<0.0190	<0.0190	—	<0.00470	0.00490	<0.380	<0.0190	<0.0190
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	—	—	—	—	—	<0.00610	—	—
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	—	—	—	—	—	<0.450	—	—
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	—	—	—	—	—	<0.840	—	—
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	—	—	—	—	—	—	—	<0.00600	—	—
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.0190	<0.0480	<0.0190	<0.0190	—	<0.00480	<0.00480	<0.380	<0.0190	<0.0190
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.0180	<0.0460	<0.0180	<0.0180	—	<0.00460	<0.00460	<0.370	<0.0180	<0.0180
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	—	—	—	—	—	<0.00620	—	—
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.0190	<0.0470	<0.0190	<0.0190	—	<0.00470	<0.00470	<0.370	<0.0190	<0.0190
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.0200	<0.0490	<0.0200	<0.0200	—	<0.00490	<0.00490	<0.390	<0.0200	<0.0200
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.0180	<0.0460	<0.0180	<0.0180	—	<0.00460	<0.00460	<0.360	<0.0180	<0.0180
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	—	—	—	—	—	<0.00740	—	—
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.0200	<0.0490	<0.0200	<0.0200	—	<0.00490	<0.00490	<0.390	<0.0200	<0.0200
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	<0.00144	—	—
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—	<0.00121	—	—
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—	<0.00135	—	—
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	<0.0610	—	—
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.0820	<0.0820	<0.0820	<0.0820	—	<0.0820	<0.160	<0.410	<0.160	<0.160
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	—	—	—	—	—	<0.00600	—	—
NA-2	NA-2-5-7	2/20/2002	5'-7'	0.0850	<0.0810	<0.0810	<0.0810	—	<0.0810	<0.160	<0.410	<0.160	<0.160
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	—	—	—	—	—	<0.00580	—	—
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	<0.00640	—	—
NA-4	NA-4-3.5-5	2/20/2002	3.5'-5'	—	—	—	—	—	—	—	<0.00600	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclopentadiene	Hexachloroethane
				84-74-2	84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
			CAS	0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05
			Preliminary Screening Level	0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	—	—	—	—	<0.00580	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.0770	<0.0770	<0.0770	<0.0770	—	<0.0770	<0.0110	<0.390	<0.150
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.730	<0.730	<0.730	<0.730	—	<0.730	<0.790	<3.60	<1.50
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.0820	<0.0820	<0.0820	<0.0820	—	<0.0820	<0.00610	<0.410	<0.160
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.0790	<0.0790	<0.0790	<0.0790	—	<0.0790	<0.160	<0.390	<0.160
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	<0.00650	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	<0.00124	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	<0.00145	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	<0.00140	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	<0.00135	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	<0.00139	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	<0.00132	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	<0.00137	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	<0.00137	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	<0.00141	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	<0.00135	—	—
S5	SS-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	<0.00152	—	—
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	—	—	—	—	—	—	<0.000460	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	—	—	—	—	—	—	<0.000460	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	—	—	—	—	—	—	<0.000460	—	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	—	—	—	—	—	—	<0.000460	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	—	—	—	—	—	—	<0.000460	—	—
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	—	—	—	—	—	—	<0.0360	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	—	—	—	—	—	—	<0.000460	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	<0.00151	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	0.0560	<0.0300	0.0490	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.300	<0.300	<0.300	<0.300	—	<0.300	<0.0100	<0.900	<0.300
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								
				Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclopentadiene	Hexachloroethane
				84-74-2	84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
Preliminary Screening Level				0.01	0.03	0.07	0.33	—	4.01E-07	5.40E-04	0.20	4.13E-05
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	0.0560	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0300	<0.0900	<0.0300
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	0.0780	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0300	<0.0300	<0.0300	<0.0300	—	<0.0300	<0.0100	<0.0900	<0.0300
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	—	—	—	—	<5.00	—	—	—	—
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	—	—	—	—	<5.00	—	—	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	—	—	—	—	—	<0.00245	—	—
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	<0.00117	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	<0.00134	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	<0.00365	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	<0.00121	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	<0.00130	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	<0.00117	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	<0.00116	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	<0.00118	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	<0.00115	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	—	—	—	—	<0.00113	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	<0.00612	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	<0.00235	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	<0.00119	—	—
WEST-3	WEST-3	4/1/2004	5'	—	—	—	—	—	—	<0.00562	—	—
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	<0.00580	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	<0.00690	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	<0.00570	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	<0.00680	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	<0.00630	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	<0.00660	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	<0.00700	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	<0.00690	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.0970	<0.0970	<0.0970	<0.0970	—	<0.0970	<0.00730	<0.490	<0.190
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	—	—	—	—	<0.00579	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	—	—	—	—	<0.00542	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	—	—	—	—	<0.00532	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	—	—	—	—	<0.00555	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	—	—	—	—	<0.00587	—	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)	
				78-59-1	110-54-3	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	56832-73-6	
			CAS	0.04	—	0.04	0.02	1.80E-05	1.09E-03	1.76E-06	0.12	3.2	
			Preliminary Screening Level	0.04	—	0.04	0.02	1.80E-05	1.09E-03	1.76E-06	0.12	3.2	
A1	A1-3-4.5_20040419	4/19/2004	3'-4.5'	<0.0340	—	<0.0280	—	<0.0410	<0.0390	<0.00730	<0.0310	—	
A1	A1-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	—	28.3	—	—	—	—	—	—	—	
A1	A1-14.5-16	4/19/2004	14.5'-16'	—	—	—	—	—	—	—	—	—	
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	—	—	—	—	—	—	—	—	—	
B1	B1-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
B2	B2-10	3/20/1999	10'	—	—	—	—	—	—	—	—	—	
B2	B2-15	3/20/1999	15'	—	—	—	—	—	—	—	—	—	
B2	B2-3-4.5_20040409	4/9/2004	3'-4.5'	<0.0340	—	<0.0280	—	<0.0410	<0.0390	<0.00730	<0.0310	—	
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.0340	—	<0.0280	—	<0.0410	<0.0390	<0.00730	<0.0310	—	
B3-5	B3-5_03/20/1999	3/20/1999	4.5'-5'	—	—	—	—	—	—	—	—	—	
B3-15	B3-15_03/20/1999	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—	
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.0340	—	<0.0280	—	<0.0410	<0.0390	<0.00730	<0.0310	—	
B8	B8-15	3/20/1999	14.5'-15'	—	—	—	—	—	—	—	—	—	
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	—	—	—	—	—	—	
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	—	—	—	—	—	—	—	—	—	
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	—	—	—	—	—	—	—	—	—	
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	—	—	—	—	—	—	—	—	—	
BY-3	BY-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—	
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.0920	—	<0.0920	—	<0.180	<0.0920	<0.460	<0.180	—	
BY-4	BY-4-4-6	2/21/2002	4'-6'	—	—	—	—	—	—	—	—	—	
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	—	—	—	—	—	—	—	—	—	
BY-5	BY-5-5-7	2/22/2002	5'-7'	—	—	—	—	—	—	—	—	—	
BY-6	BY-6-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—	
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.0830	—	<0.0830	—	<0.170	<0.0830	<0.410	<0.170	—	
C1	C1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
C5	C5-3-4.5	4/9/2004	3'-4.5'	<0.0340	—	<0.0280	—	<0.0410	<0.0390	<0.00730	<0.0310	—	
C6	C6-3-4.5	4/9/2004	3'-4.5'	<0.0340	—	<0.0280	—	<0.0410	<0.0390	0.140	<0.0310	—	
C6	C6-8.5-10	4/9/2004	8.5'-10'	—	—	—	—	—	—	—	—	—	
C7	C7-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
CENTER-3	CENTER-3	4/9/2004	7'	—	—	—	—	—	—	—	—	—	
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	—	—	—	—	—	—	—	—	—	
D0	DO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
D0	DO-7.5-9	3/30/2004	7.5'-9'	—	—	—	—	—	—	—	—	—	
D1	D1-3-4.5	3/25/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
D2	D2-3.5-5	3/25/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	
D3	D3-6-7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
D4	D4-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
D5	D5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
D7	D7-5.5-7	3/19/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
DG11-1	DG11-1-4	9/13/2011	3'-4'	—	—	—	—	—	—	0.0440	—	—	
DG11-1	DG11-1-10	9/13/2011	10'-11'	—	—	—	—	—	—	—	—	—	
DG11-2	DG11-2-3	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—	
DG11-2	DG11-2-7.5	9/12/2011	7'-8'	—	—	—	—	—	—	—	—	—	
DG11-3	DG11-3-3.5	9/12/2011	3'-4'	—	—	—	—	—	—	—	—	—	
DG11-3	DG11-3-9	9/12/2011	9'-10'	—	—	—	—	—	—	—	—	—	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)
					78-59-1	110-54-3	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	56832-73-6
Preliminary Screening Level				0.04	—	0.04	0.02	1.80E-05	1.09E-03	1.76E-06	0.12	3.2	
DG11-5	DG11-5-5	9/12/2011	4'-5'	—	—	—	—	—	—	<0.00700	—	—	
DG11-6	DG11-6-4.5	9/12/2011	4'-5'	—	—	—	—	—	—	<0.00840	—	—	
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	—	—	—	—	—	—	—	—	—	
DG11-8	DG11-8-15	9/12/2011	14'-15'	—	—	—	—	—	—	—	—	—	
DS-1	DS-1-3-5	2/22/2002	3'-5'	—	—	—	—	—	—	—	—	—	
DS-1	DS-1-7-8.5	2/22/2002	7'-8.5'	<0.0820	—	<0.0820	—	<0.160	<0.0820	<0.410	<0.160	—	
DS-2	DS-2-3-5	2/22/2002	3'-5'	<0.0730	—	<0.0730	—	<0.150	<0.0730	<0.370	<0.150	—	
DS-2	DS-2-6-8	2/22/2002	6'-8'	<0.250	—	<0.250	—	<0.500	<0.250	<1.20	<0.500	—	
DS-2	DS-2-8-10	2/22/2002	8'-10'	<0.0870	—	<0.0870	—	<0.170	<0.0870	<0.440	<0.170	—	
E0	E0-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E1	E1-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
E2	E2-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E3	E3-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E3	E3-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
E6	E6-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
E7	E7-3-4.5	3/22/2004	3'-4.5'	—	<0.123	—	—	—	—	—	—	—	
E7	E7-5.5-7	3/22/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	—	—	—	—	—	—	—	—	—	
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	—	—	—	—	—	—	—	—	—	
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	—	—	—	—	—	—	—	—	—	
EAST-1	EAST-1	4/1/2004	5'	—	—	—	—	—	—	—	—	—	
EAST-3	EAST-3	4/1/2004	7'	—	—	—	—	—	—	—	—	—	
F0	F0-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
F1	F1-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
F1	F1-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
F4	F4-3-4.5	3/17/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
F5	F5-6-7.5	4/7/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
F6	F6-6-7.5	3/22/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
F7	F7-3-4.5	3/22/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	—	—	—	—	—	—	—	—	—	
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	—	<2.53	—	—	—	—	—	—	—	
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	—	—	—	—	—	—	—	—	—	
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	—	<0.479	—	—	—	—	—	—	—	
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	—	<0.639	—	—	—	—	—	—	—	
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	—	—	—	—	—	—	—	—	—	
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	—	—	—	—	—	—	—	—	—	
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—	
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	—	<0.125	—	—	—	—	—	—	—	
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
G0	GO-3-4.5	3/30/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
G0	GO-6-7.5	3/30/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
G1	G1-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
G1	G1-6-7.5	3/16/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
H0	HO-3-4.5	3/31/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
H0	HO-6-7.5	3/31/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
H4	H4-3-4.5	3/16/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)									
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	Total Benzofluoranthenes (SMS)
					78-59-1	110-54-3	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	56832-73-6
Preliminary Screening Level				0.04	—	0.04	0.02	1.80E-05	1.09E-03	1.76E-06	0.12	3.2	
H7	H7-8.5-10	3/29/2004	8.5'-10'	—	—	—	—	—	—	—	—	—	
J2	J2-6-7.5	4/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
J6	J6-3-4.5	3/23/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
J7	J7-3-4.5	4/1/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
K4	K4-3-4.5	4/7/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
L2	L2-3-4.5	3/19/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
L2	L2-6-7.5	3/19/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
L4	L4-3-4.5	3/18/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
L5	L5-4-5.5	4/1/2004	4'-5.5'	—	—	—	—	—	—	—	—	—	
L6	L6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	
L7	L7-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	
M4	M4-6.5-8	4/12/2004	6.5'-8'	—	0.00934	—	—	—	—	—	—	—	
M5	M5-7-8.5	3/29/2004	7'-8.5'	—	—	—	—	—	—	—	—	—	
M6	M6-6.5-8	4/1/2004	6.5'-8'	—	—	—	—	—	—	—	—	—	
M7	M7-5.5-7	4/5/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	—	—	—	—	—	—	—	—	—	
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	—	<0.137	—	—	—	—	—	—	—	
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	—	—	—	—	—	—	—	—	—	
MW-12A	MW-12-3.5_06231986	6/23/1986	3.5'-3.3'	—	—	—	—	—	—	—	—	—	
MW-38A	MW38-35	5/2/2002	35'	—	—	—	—	—	—	—	—	—	
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.0190	—	<0.0190	<0.0960	<0.0190	<0.00480	<0.0240	<0.0190	<0.00470	
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.0190	—	<0.0190	<0.0940	<0.0190	<0.00470	<0.0240	<0.0190	<0.00470	
MW-43	091411-MW-43-SB-25	9/14/2011	25'-26'	<0.0190	—	<0.0190	<0.0970	<0.0190	<0.00480	<0.0240	<0.0190	<0.0190	
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	—	—	—	—	—	—	—	—	0.270	
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.0190	—	<0.0190	<0.0940	<0.0190	<0.00470	<0.0240	<0.0190	0.00710	
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<0.0190	—	<0.0190	<0.0960	<0.0190	<0.00480	<0.0240	<0.0190	0.0190	
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<0.0190	—	<0.0190	<0.0950	<0.0190	0.0340	<0.0240	<0.0520	0.0810	
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	—	—	—	—	—	—	—	—	—	
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	—	—	—	—	—	—	—	—	—	
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	—	—	—	—	—	—	—	—	—	
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	—	<0.00600	—	—	—	—	—	—	<0.00480	
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.0190	—	<0.0190	<0.0960	<0.0190	<0.00480	<0.0240	<0.0190	<0.00450	
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.0180	—	<0.0180	<0.0920	<0.0180	<0.00460	<0.0230J	<0.0180	<0.00470	
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	—	—	—	—	—	—	—	—	—	
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.0190	—	<0.0190	<0.0930	<0.0190	<0.00470	<0.0230	<0.0190	<0.00470	
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.0200	—	<0.0200	<0.0980	<0.0200	<0.00490	<0.0250	<0.0200	<0.00490	
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.0180	—	<0.0180	<0.0910	<0.0180	<0.00460	<0.0230J	<0.0180	<0.00480	
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	—	—	—	—	—	—	—	—	—	
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.0200	—	<0.0200	<0.0980	<0.0200	<0.00490	<0.0250J	<0.0200	<0.00480	
N1	N1-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—	
N4	N4-5-7	4/12/2004	5'-7'	—	—	—	—	—	—	—	—	—	
N5	N5-6-7.5	3/23/2004	6'-7.5'	—	—	—	—	—	—	—	—	—	
NA-1	NA-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—	
NA-1	NA-1-6-7	2/21/2002	6'-7'	<0.0820	—	<0.0820	—	<0.160	<0.0820	<0.410	<0.160	—	
NA-2	NA-2-3-5	2/20/2002	3'-5'	—	—	—	—	—	—	—	—	—	
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.0810	—	<0.0810	—	<0.160	<0.0810	<0.410	<0.160	—	
NA-3	NA-3-4-5	2/20/2002	4'-5'	—	—	—	—	—	—	—	—	—	
NA-3	NA-3-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	—	—	
NA-4	NA-4-3.5-5	2/20/2002	3.5'-5'	—	—	—	—	—	—	—	—	—	

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								Total Benzofluoranthenes (SMS)
				Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	
				78-59-1	110-54-3	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	
Preliminary Screening Level				0.04	—	0.04	0.02	1.80E-05	1.09E-03	1.76E-06	0.12	3.2
NA-4	NA-4-5-6	2/20/2002	5'-6'	—	—	—	—	—	—	—	—	—
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.0770	—	<0.0770	—	<0.150	<0.0770	<0.390	<0.150	—
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.730	—	<0.730	—	<1.50	<0.730	<3.60	<1.50	—
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.0820	—	<0.0820	—	<0.160	<0.0820	<0.410	<0.160	—
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<0.0790	—	<0.0790	—	<0.160	<0.0790	<0.390	<0.160	—
NA-8	NA-8-5-7	2/20/2002	5'-7'	—	—	—	—	—	—	—	—	—
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
P3	P3-5-6.5	4/12/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
P4	P4-3-4.5	4/12/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
R4	R4-3-4.5	4/2/2004	3'-4.5'	—	—	—	—	—	—	—	—	—
R6	R6-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
S5	SS-5-6.5	4/6/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	—	—	—	—	—	—	—	—	—
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	—	—	—	—	—	—	—	—	—
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	—	—	—	—	—	—	—	—	—
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	—	—	—	—	—	—	—	—	—
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	—	—	—	—	—	—	—	—	—
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	—	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	—	—	—	—	—	—	—	—	—
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	—	—	—	—	—	—	—	—	—
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.300	—	<0.300	—	0.360	<0.600	<3.00	<3.00	—
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—

Table B-11 - Semivolatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compound's (milligrams per kilogram)								Total Benzofluoranthenes (SMS)
				Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol	
				CAS 78-59-1	110-54-3	98-95-3	62-75-9	621-64-7	86-30-6	87-86-5	108-95-2	
Preliminary Screening Level				0.04	—	0.04	0.02	1.80E-05	1.09E-03	1.76E-06	0.12	3.2
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0300	—	<0.0300	—	<0.0300	<0.0600	<0.300	<0.300	—
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0300	—	<0.0300	—	0.410	<0.0600	<0.300	<0.300	—
SWA1-W-7	SWA1-W-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWA2-N-7	SWA2-N-7_08/03/2001	8/3/2001	7'	—	—	—	—	—	—	—	—	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	—	—	—	—	—	—	—	—	—
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	—	—	—	—	—	—	—	—	—
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	—	—	—	—	—	—	—	—	—
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	—	—	—	—	—	—	—	—	—
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	—	—	—	—	—	—	—	—	—
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	—	—	—	—	—	—	—	—	—
WEST-3	WEST-3	4/1/2004	5'	—	—	—	—	—	—	—	—	—
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	—	—	—	—	—	—	—	—
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	—	—	—	—	—	—	—	—
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	—	—	—	—	—	—	—	—
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	—	—	—	—	—	—	—	—
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.0970	—	<0.0970	—	<0.190	<0.0970	<0.490	<0.190	—
WVET-5	WVET-5	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-6	WVET-6	4/5/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-11	WVET-11	5/12/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-17	WVET-17	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—
WVET-18	WVET-18	5/28/2004	4'-4'	—	—	—	—	—	—	—	—	—

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable saturated soil

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)								
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
				Preliminary Screening Level	0.037	4.61	2	4.93	600	0.28	10	6.34
A1	A1-RGW_4192004	4/19/2004	--		<0.285	0.850J	<0.234	<0.249	--	--	--	--
B1	B1-RGW_3252004	3/25/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
CPB-1	CPB-1-RGW_4122004	4/12/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
F1	F1-RGW_3192004	3/19/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
F3	F3-RGW_3172004	3/17/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
F5	F5-RGW_472004	4/7/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
FTF-1	FTF-1-RGW_472004	4/7/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
G6	G6-RGW_3182004	3/18/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
H3	H3-RGW RE1_3172004	3/17/2004	--		<5.70	<5.48	<4.68	<4.98	--	--	--	--
J2	J2-RGW_4192004	4/19/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
J4	J4-RGW_3182004	3/18/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
K5	K5-RGW_412004	4/1/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
L1	L1-RGW_4202004	4/20/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
L3	L3-RGW_3192004	3/19/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
L6	L6-RGW_412004	4/1/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
M7	M7-RGW_452004	4/5/2004	--		<0.285	<0.274	<0.234	<0.249	--	--	--	--
MW-1A	MW-1A_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-1A	030606-MW-1A	3/6/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-1A	MW-1A_08/14/2006	8/14/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-4A	MW-4A_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-6A	MW-6A_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<5.60	<5.60	<3.30	<3.30
MW-6A	093011-MW6A	9/30/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-6A	MW-6A-1/24/2019	1/24/2019	--		--	--	--	--	--	--	--	--
MW-7A	MW-7A_03/28/2000	3/28/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-7A	MW-7A	2/20/2004	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20050131	1/31/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20050404	4/4/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20050712	7/12/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20050927	9/27/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20051227	12/27/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	030206-MW-7A	3/2/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-7A	MW-7A_20060411	4/11/2006	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20060626	6/26/2006	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_08/10/2006	8/10/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-7A	MW-7A_20061003	10/3/2006	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20070112	1/12/2007	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_20070413	4/13/2007	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_092807	9/28/2007	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW7-032708	3/27/2008	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW7-061608	6/16/2008	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW-7A_093008	9/30/2008	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-7A	MW7-123108	12/31/2008	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-7A	MW7A-032509	3/25/2009	--		<0.500	<0.200	0.200	<0.200	--	--	--	--
MW-7A	MW7A-63009	6/30/2009	--		<0.500	<0.200	0.600	<0.200	--	--	--	--
MW-7A	MW7A-92309	9/23/2009	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-7A	MW7A-122309	12/23/2009	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-7A	092711-MW7A	9/27/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-7A	MW-07A-1/25/2019	1/25/2019	--		--	--	--	--	--	--	--	--
MW-8A	MW-8A_03/28/2000	3/28/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-8A	MW-8A_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-8A	030306-MW-8A	3/3/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-8A	MW-8A_08/14/2006	8/14/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-8A	100311-MW8A	10/3/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-8B	MW-8B_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-8B	030606-MW-8B	3/6/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)								
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
				Preliminary Screening Level	0.037	4.61	2	4.93	600	0.28	10	6.34
MW-8B	MW-8B_08/14/2006	8/14/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-8B	100411-MW8B	10/4/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-9A	MW-9A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-9A	030306-MW-9A	3/3/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-9A	MW-9A_08/14/2006	8/14/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-9A	092811-MW-9A	9/28/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-11A	MW-11A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-11A	030306-MW-11A	3/3/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-11A	MW-11A_08/11/2006	8/11/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-11A	100311-MW11A	10/3/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-12A	MW-12A_03/28/2000	3/28/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-12A	MW-12A_03/26/2002	3/26/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-12A	092911-MW12A	9/29/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-12A	MW-12A-1/25/2019	1/25/2019	--		--	--	--	--	--	--	--	--
MW-14A	MW-14A_03/27/2000	3/27/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-14A	MW-14A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-14A	MW-101A	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<5.60	<5.60	<3.30	<3.30
MW-14A	030306-MW-14A	3/3/2006	--		<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<5.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-14A	092911-MW14A	9/29/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-14A	MW-14A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-15A	MW-15A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-15A	100311-MW15A	10/3/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-15A	100311-MW200	10/3/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-15A	MW-15A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-16A	MW-16A_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-16A	030606-MW-102	3/6/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-16A	030606-MW-16A	3/6/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-16A	MW-105	8/14/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-16A	MW-16A_08/14/2006	8/14/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-16A	093011-MW16A	9/30/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-16A	MW-16A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-18A	MW-18A_03/28/2000	3/28/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-18A	MW-18A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-18A	092911-MW18A	9/29/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-18A	MW-18A-1/23/2019	1/23/2019	--		--	--	--	--	--	--	--	--
MW-19B	MW-19B_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-22A	MW-22A_03/28/2002	3/28/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-22A	093011-MW22A	9/30/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-22A	MW-22A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-23A	MW-23A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-23A	092911-MW23A	9/29/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-23A	MW-23A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-24A	MW-24A_03/28/2000	3/28/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-24A	MW-24A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-24A	100411-MW24A	10/4/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-24A	MW-24A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-25A	MW-25A_03/27/2000	3/27/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-25A	MW-25A_03/27/2002	3/27/2002	--		<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-25A	030206-MW-25A	3/2/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-25A	MW-25A_08/10/2006	8/10/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-25A	093011-MW25A	9/30/2011	--		<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-25A	MW-25A-1/28/2019	1/28/2019	--		--	--	--	--	--	--	--	--
MW-26A	MW-26A_03/27/2000	3/27/2000	--		<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_03/29/2002	3/29/2002	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-26A	MW-26A_20050131	1/31/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20050404	4/4/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20050712	7/12/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20050927	9/27/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20051227	12/27/2005	--		<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	ALT-26A	2/27/2006	--		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)							
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
			Preliminary Screening Level	0.037	4.61	2	4.93	600	0.28	10	6.34
MW-26A	022706-MW-26A	2/27/2006	--	--	--	--	--	--	--	--	--
MW-26A	AHT-26A	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26A	MW-26A_20060411	4/11/2006	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20060626	6/26/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_08/07/2006	8/7/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26A	MW-26A_20061003	10/3/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20070112	1/12/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_20070413	4/13/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_092807	9/28/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-00_092807	9/28/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-00_122007	12/20/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_122007	12/20/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	DUP-032708	3/27/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW26-032708	3/27/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	DUP-061608	6/16/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW26-061608	6/16/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	DUP-01_093008	9/30/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	MW-26A_093008	9/30/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26A	DUP-123108	12/31/2008	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	MW26-123108	12/31/2008	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	DUP-032609	3/26/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	MW26A-092609	3/26/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	DUP-63009	6/30/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	MW26A-63009	6/30/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	DUP-92309	9/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	MW26A-92309	9/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	DUP-122309	12/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	MW26A-122309	12/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	101311-MW26A	10/13/2011	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26A	101311-MW600	10/13/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26A	MW-26A-2/1/2019	2/1/2019	--	--	--	--	--	--	--	--	--
MW-26B	MW-26B_03/24/2000	3/24/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26B	MW-26B_03/28/2002	3/28/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-26B	ALT-26B	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26B	022706-MW100	2/27/2006	--	--	--	--	--	--	--	--	--
MW-26B	022706-MW-26B	2/27/2006	--	--	--	--	--	--	--	--	--
MW-26B	AHT-26B	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26B	MW-103	8/7/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26B	MW-26B_08/07/2006	8/7/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26B	101311-MW26B	10/13/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-26C	MW-26C_03/24/2000	3/24/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-26C	MW-26C_03/29/2002	3/29/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.30	<3.30
MW-26C	MW-103C	3/29/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-26C	ALT-DUP	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26C	ALT-26C	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26C	022706-MW-26C	2/27/2006	--	--	--	--	--	--	--	--	--
MW-26C	AHT-26C	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26C	MW-26C_08/07/2006	8/7/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-26C	101311-MW26C	10/13/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)								
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
			Preliminary Screening Level	0.037	4.61	2	4.93	600	0.28	10	6.34	
MW-27A	MW-27A_03/27/2000	3/27/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-27A	MW-27A_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<5.60	<5.60	<3.30	<3.30	
MW-27A	093011-MW27A	9/30/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-27A	MW-27A-1/29/2019	1/29/2019	--	--	--	--	--	--	--	--	--	
MW-27A	MW-100-1/29/2019	1/29/2019	--	--	--	--	--	--	--	--	--	
MW-28A	MW-28A_03/27/2000	3/27/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-28A	MW-28A_03/28/2002	3/28/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00	
MW-28A	030306-MW-28A	3/3/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-28A	MW-104	8/11/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-28A	MW-28A_08/11/2006	8/11/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-28A	100311-MW28A	10/3/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-28A	MW-28A-1/29/2019	1/29/2019	--	--	--	--	--	--	--	--	--	
MW-28B	MW-28B_03/24/2000	3/24/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-28B	MW-28B_03/28/2002	3/28/2002	--	<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80	
MW-28B	MW-102B	3/28/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00	
MW-28B	030306-MW-101	3/3/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-28B	030306-MW-28B	3/3/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-28B	MW-28B_08/11/2006	8/11/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-28B	100311-MW28B	10/3/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-28B	MW-28B-1/29/2019	1/29/2019	--	--	--	--	--	--	--	--	--	
MW-29A	MW-29A_03/27/2000	3/27/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00	
MW-29A	MW-29A_20050131	1/31/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20050404	4/4/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20050712	7/12/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20050929	9/29/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20051227	12/27/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	022706-MW-29A	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-29A	MW-29A_20060411	4/11/2006	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20060626	6/26/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_08/08/2006	8/8/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-29A	MW-29A_20061003	10/3/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20070112	1/12/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_20070413	4/13/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_092807	9/28/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_122007	12/20/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW29-032708	3/27/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW29-061608	6/16/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW-29A_093008	9/30/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	
MW-29A	MW29-123108	12/31/2008	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29A	MW29A-032609	3/26/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29A	MW29A-63009	6/30/2009	--	<0.500	<0.200	0.300	<0.200	--	--	--	--	
MW-29A	MW29A-92309	9/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29A	MW29A-122309	12/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29A	101211-MW29A	10/12/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29A	MW-29A-1/31/2019	1/31/2019	--	--	--	--	--	--	--	--	--	
MW-29B	MW-29B_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00	
MW-29B	022806-MW-29B	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-29B	MW-29B_08/10/2006	8/10/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-29B	101211-MW29B	10/12/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29C	MW-29C_04/02/2002	4/2/2002	--	<0.500	<0.200	<0.200	<0.200	<5.60	<5.60	<3.30	<3.30	
MW-29C	022706-MW-29C	2/27/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-29C	MW-29C_08/07/2006	8/7/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00	
MW-29C	101211-MW29C	10/12/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-29C	101211-MW400	10/12/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--	
MW-30A	MW-30A_03/27/2000	3/27/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--	

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)							
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
			Preliminary Screening Level	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
				0.037	4.61	2	4.93	600	0.28	10	6.34
MW-30A	MW-30A_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-30A	MW-30A_20050131	1/31/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20050404	4/4/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20050712	7/12/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20050929	9/29/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20051227	12/27/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	AHT-DUP	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-30A	ALT-MW-30A	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-30A	022806-MW-30A	2/28/2006	--	--	--	--	--	--	--	--	--
MW-30A	AHT-MM-30A	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-30A	MW-30A_20060411	4/11/2006	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20060626	6/26/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_08/10/2006	8/10/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-30A	MW-30A_20061003	10/3/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20070112	1/12/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_20070413	4/13/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_092807	9/28/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_122007	12/20/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW30-032708	3/27/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW30-061608	6/16/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW-30A_093008	9/30/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-30A	MW30-123108	12/31/2008	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-30A	MW30A-032509	3/25/2009	--	<0.500	<0.200	0.200	<0.200	--	--	--	--
MW-30A	MW30A-63009	6/30/2009	--	<0.500	<0.200	0.500	<0.200	--	--	--	--
MW-30A	MW30A-92309	9/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-30A	MW30A-122309	12/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-30A	092911-MW30A	9/29/2011	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-30A	MW-30A-1/24/2019	1/24/2019	--	--	--	--	--	--	--	--	--
MW-31A	MW-31A_03/28/2000	3/28/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-31A	MW-31A_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-31A	MW-31A	5/15/2002	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-31A	093011-MW31A	9/30/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-31A	MW-31A-1/29/2019	1/29/2019	--	--	--	--	--	--	--	--	--
MW-32A	MW-32A_03/28/2000	3/28/2000	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-32A	MW-32A_03/27/2002	3/27/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-32A	092711-MW32A	9/27/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-32A	MW-32A-1/30/2019	1/30/2019	--	--	--	--	--	--	--	--	--
MW-33A	MW-33A_03/27/2002	3/27/2002	--	<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-33A	092911-MW33A	9/29/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-33A	MW-33A-1/30/2019	1/30/2019	--	--	--	--	--	--	--	--	--
MW-34A	MW-34A_03/28/2002	3/28/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-34A	092911-MW34A	9/29/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-34A	MW-34A-1/30/2019	1/30/2019	--	--	--	--	--	--	--	--	--
MW-34A	MW-101-1/30/2019	1/30/2019	--	--	--	--	--	--	--	--	--
MW-35A	MW-35A_03/29/2002	3/29/2002	--	<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-35A	MW-35A_20050131	1/31/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20050404	4/4/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20050712	7/12/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20050927	9/27/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20051227	12/27/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	022806-MW-35A	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-35A	MW-35A_20060411	4/11/2006	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20060626	6/26/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)							
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
			Preliminary Screening Level	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
				0.037	4.61	2	4.93	600	0.28	10	6.34
MW-35A	MW-35A_08/08/2006	8/8/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-35A	MW-35A_20061003	10/3/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20070112	1/12/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_20070413	4/13/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_092807	9/28/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_122007	12/20/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW35-032708	3/27/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW35-061608	6/16/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW-35A_093008	9/30/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-35A	MW35-123108	12/31/2008	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-35A	MW35A-032609	3/26/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-35A	MW35A-63009	6/30/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-35A	MW35A-92309	9/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-35A	MW35A-122309	12/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-35A	101111-MW35A	10/11/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-35A	MW-35A-1/23/2019	1/23/2019	--	--	--	--	--	--	--	--	--
MW-35B	MW-35B_03/29/2002	3/29/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-35B	022806-MW-35B	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-35B	MW-35B_08/08/2006	8/8/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-35B	101111-MW35B	10/11/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-36A	MW-36A_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-36A	MW-36A_20050131	1/31/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20050404	4/4/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20050712	7/12/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20050929	9/29/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20051227	12/27/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	022806-MW-36A	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-36A	MW-36A_20060411	4/11/2006	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20060626	6/26/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_08/10/2006	8/10/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-36A	MW-36A_20061003	10/3/2006	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20070112	1/12/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_20070413	4/13/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_092807	9/28/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_122007	12/20/2007	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW36-032708	3/27/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW36-061608	6/16/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW-36A_093008	9/30/2008	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-36A	MW36-123108	12/31/2008	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-36A	MW36A-032609	3/26/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-36A	MW36A-63009	6/30/2009	--	<0.500	<0.200	0.300	<0.200	--	--	--	--
MW-36A	MW36A-92309	9/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-36A	MW36A-122309	12/23/2009	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-36A	101111-MW36A	10/11/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-36A	MW-36A-1/24/2019	1/24/2019	--	--	--	--	--	--	--	--	--
MW-36B	MW-36B_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<3.00	<3.00
MW-36B	022806-MW-36B	2/28/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-36B	MW-36B_08/08/2006	8/8/2006	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-36B	101111-MW36B	10/11/2011	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-37A	MW-37A_03262002	3/26/2002	--	<0.500	<0.200	<0.200	<0.200	<6.20	<6.20	<3.80	<3.80
MW-37A	MW-37A_20050131	1/31/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20050404	4/4/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20050714	7/14/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20050929	9/29/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20051227	12/27/2005	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)								
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
				Preliminary Screening Level	0.037	4.61	2	4.93	600	0.28	10	6.34
MW-37A	MW-37A_20060411	4/11/2006	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20060626	6/26/2006	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20061003	10/3/2006	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20070112	1/12/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_20070413	4/13/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_092807	9/28/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_122007	12/20/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW37-032708	3/27/2008	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW37-061608	6/16/2008	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW-37A_093008	9/30/2008	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-37A	MW37-123108	12/31/2008	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-37A	MW37A-032609	3/26/2009	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-37A	MW37A-63009	6/30/2009	--	--	<0.500	<0.200	0.600	<0.200	--	--	--	--
MW-37A	MW37A-92309	9/23/2009	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-37A	MW37A_122309	12/23/2009	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-37A	092811-MW37A	9/28/2011	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-37A	MW-37A-1/25/2019	1/25/2019	--	--	--	--	--	--	--	--	--	--
MW-37A	MW-102-1/25/2019	1/25/2019	--	--	--	--	--	--	--	--	--	--
MW-37B	MW-37B_03262002	3/26/2002	--	--	<0.500	<0.200	<0.200	<0.200	<5.10	<5.10	<3.10	<3.10
MW-37B	093011-MW37B	9/30/2011	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-38A	MW38-15	5/2/2002	15'	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-38A	MW38-25	5/2/2002	25'	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-38A	MW-38A	5/15/2002	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-38A	093011-MW38A	9/30/2011	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-38A	093011-MW100	9/30/2011	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-39A	MW-39A_05/15/2002	5/15/2002	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-39A	030206-MW-39A	3/2/2006	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-39A	MW-39A_08/11/2006	8/11/2006	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-39A	100311-MW39A	10/3/2011	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-40A	MW-40	2/17/2004	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-40A	101111-MW40A	10/11/2011	--	--	<0.500	<0.200	<0.200	<0.200	--	--	--	--
MW-40A	MW-40A-1/30/2019	1/30/2019	--	--	--	--	--	--	--	--	--	--
MW-40B	101111-MW40B	10/11/2011	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-40B	101111-MW300	10/11/2011	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-40B	MW-40B-1/31/2019	1/31/2019	--	--	--	--	--	--	--	--	--	--
MW-41A	MW-41	2/17/2004	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20050131	1/31/2005	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20050404	4/4/2005	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20050712	7/12/2005	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20050927	9/27/2005	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20051227	12/27/2005	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	030206-MW-41A	3/2/2006	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-41A	MW-41A_20060411	4/11/2006	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20060626	6/26/2006	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_08/11/2006	8/11/2006	--	--	<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-41A	MW-41A_20061003	10/3/2006	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20070112	1/12/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_20070413	4/13/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_092807	9/28/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW-41A_122007	12/20/2007	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW41-032708	3/27/2008	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--
MW-41A	MW41-061608	6/16/2008	--	--	<5.00	<1.00	<1.00	<1.00	--	--	--	--

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)								
				CAS	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
				CAS	120-82-1	95-50-1	541-73-1	106-46-7	95-95-4	88-06-2	120-83-2	105-67-9
				Preliminary Screening Level	0.037	4.61	2	4.93	600	0.28	10	6.34
MW-41A	MW-41A_093008	9/30/2008	—		<5.00	<1.00	<1.00	<1.00	—	—	—	—
MW-41A	MW41-123108	12/31/2008	—		<0.500	<0.200	<0.200	<0.200	—	—	—	—
MW-41A	MW41A-032509	3/25/2009	—		<0.500	<0.200	<0.200	<0.200	—	—	—	—
MW-41A	MW41A-63009	6/30/2009	—		<0.500	<0.200	0.500	<0.200	—	—	—	—
MW-41A	MW41A-92309	9/23/2009	—		<0.500	<0.200	<0.200	<0.200	—	—	—	—
MW-41A	MW41A-122309	12/23/2009	—		<0.500	<0.200	<0.200	<0.200	—	—	—	—
MW-41A	092911-MW41A	9/29/2011	—		<0.500	<0.200	<0.200	<0.200	—	—	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—		—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-42A	093011-MW42A	9/30/2011	—		<0.500	<0.200	<0.200	<0.200	—	—	—	—
MW-42A	MW-42A-1/31/2019	1/31/2019	—		—	—	—	—	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—		—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-44A	MW-44A-1/22/2019	1/22/2019	—		—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—		—	—	—	—	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—		—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-47A	101311-MW700	10/13/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—		—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-48A	101111-MW48A	10/11/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—		—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-49A	101211-MW49A	10/12/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-49A	101211-MW500	10/12/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
MW-49B	101211-MW49B	10/12/2011	—		<0.500	<0.200	<0.200	<0.200	<5.00	<5.00	<5.00	<1.00
N2	N2-RGW_4202004	4/20/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
N5	N5-RGW_3232004	3/23/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
N6	N6-RGW_3232004	3/23/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
P1	P1-RGW_4152004	4/15/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
P3	P3-RGW_4122004	4/12/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
R1	R1-RGW_422004	4/2/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
R3	R3-RGW_422004	4/2/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
R5	R5-RGW_462004	4/6/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
R7	R7-RGW_452004	4/5/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
SWS-5	SWS-5-RGW_482004	4/8/2004	—		<0.285	<0.274	<0.234	<0.249	—	—	—	—
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'		<1.00	<1.00	<1.00	<1.00	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semivolatile Organic Compounds (micrograms per liter)									
					3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
					91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
			Preliminary Screening Level		0.0033	—	7	—	36	2295.92	—	—	—	—
A1	A1-RGW_4192004	4/19/2004	—	—	—	—	—	—	—	—	—	—	—	—
B1	B1-RGW_3252004	3/25/2004	—	—	—	—	—	—	—	—	—	—	—	—
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	—	—	—	—	—	—	—	—	—	—	—
F1	F1-RGW_3192004	3/19/2004	—	—	—	—	—	—	—	—	—	—	—	—
F3	F3-RGW_3172004	3/17/2004	—	—	—	—	—	—	—	—	—	—	—	—
F5	F5-RGW_472004	4/7/2004	—	—	—	—	—	—	—	—	—	—	—	—
FTF-1	FTF-1-RGW_472004	4/7/2004	—	—	—	—	—	—	—	—	—	—	—	—
G6	G6-RGW_3182004	3/18/2004	—	—	—	—	—	—	—	—	—	—	—	—
H3	H3-RGW RE1_3172004	3/17/2004	—	—	—	—	—	—	—	—	—	—	—	—
J2	J2-RGW_4192004	4/19/2004	—	—	—	—	—	—	—	—	—	—	—	—
J4	J4-RGW_3182004	3/18/2004	—	—	—	—	—	—	—	—	—	—	—	—
K5	K5-RGW_412004	4/1/2004	—	—	—	—	—	—	—	—	—	—	—	—
L1	L1-RGW_4202004	4/20/2004	—	—	—	—	—	—	—	—	—	—	—	—
L3	L3-RGW_3192004	3/19/2004	—	—	—	—	—	—	—	—	—	—	—	—
L6	L6-RGW_412004	4/1/2004	—	—	—	—	—	—	—	—	—	—	—	—
M7	M7-RGW_452004	4/5/2004	—	—	—	—	—	—	—	—	—	—	—	—
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<1.20	<6.20	<6.20
MW-1A	030606-MW-1A	3/6/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<1.20	<6.20	<6.20
MW-6A	MW-6A_03/28/2002	3/28/2002	—	<5.60	<6.70	<17.0	<1.10	<2.20	<3.30	<1.10	<1.10	<1.10	<5.60	<5.60
MW-6A	093011-MW6A	9/30/2011	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	MW-06A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-7A	MW-7A	2/20/2004	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	030206-MW-7A	3/2/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-7A	MW-7A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-7A	MW-7A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW7A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	092711-MW7A	9/27/2011	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<1.20	<6.20	<6.20
MW-8A	030306-MW-8A	3/3/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	—	—	—	—
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<1.20	<6.20	<6.20
MW-8B	030606-MW-8B	3/6/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00	<5.00	<5.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semivolatile Organic Compounds (micrograms per liter)									
					3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
					91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
			Preliminary Screening Level		0.0033	—	7	—	36	2295.92	—	—	—	—
MW-8B	MW-8B_08/14/2006	8/14/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-8B	100411-MW8B	10/4/2011	—		—	—	—	—	—	—	—	—	—	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-9A	030306-MW-9A	3/3/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-9A	MW-9A_08/14/2006	8/14/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-9A	092811-MW-9A	9/28/2011	—		—	—	—	—	—	—	—	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—		<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-11A	030306-MW-11A	3/3/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-11A	MW-11A_08/11/2006	8/11/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-11A	100311-MW11A	10/3/2011	—		—	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/26/2002	3/26/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-12A	092911-MW12A	9/29/2011	—		—	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A-1/25/2019	1/25/2019	—		—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	2.00	<6.20	<6.20
MW-14A	MW-101A	3/27/2002	—		<5.00	<6.70	<17.0	<1.10	<2.20	<3.30	<1.10	2.40	<5.60	<5.60
MW-14A	030306-MW-14A	3/3/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-14A	092911-MW14A	9/29/2011	—		—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-15A	100311-MW15A	10/3/2011	—		—	—	—	—	—	—	—	—	—	—
MW-15A	100311-MW200	10/3/2011	—		—	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-16A	030606-MW-102	3/6/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-16A	030606-MW-16A	3/6/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-16A	MW-105	8/14/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-16A	093011-MW16A	9/30/2011	—		—	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-18A	092911-MW18A	9/29/2011	—		—	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A-1/23/2019	1/23/2019	—		—	—	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-22A	MW-22A_03/28/2002	3/28/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-22A	093011-MW22A	9/30/2011	—		—	—	—	—	—	—	—	—	—	—
MW-22A	MW-22A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—		<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-23A	092911-MW23A	9/29/2011	—		—	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—		<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-24A	100411-MW24A	10/4/2011	—		—	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—		<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-25A	030206-MW-25A	3/2/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-25A	MW-25A_08/10/2006	8/10/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-25A	093011-MW25A	9/30/2011	—		—	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A-1/28/2019	1/28/2019	—		—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—		<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-26A	MW-26A_20050131	1/31/2005	—		—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050404	4/4/2005	—		—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050712	7/12/2005	—		—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050927	9/27/2005	—		—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20051227	12/27/2005	—		—	—	—	—	—	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—		<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
CAS				91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
Preliminary Screening Level				0.0033	—	7	—	36	2295.92	—	—	—	—
MW-26A	022706-MW-26A	2/27/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26A	AHT-26A	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26A	MW-26A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26A	MW-26A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-00_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-00_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-01_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-092609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-26A	101311-MW26A	10/13/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26A	101311-MW600	10/13/2011	—	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-26B	ALT-26B	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26B	022706-MW100	2/27/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26B	022706-MW-26B	2/27/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26B	MW-103	8/7/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26B	101311-MW26B	10/13/2011	—	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<5.60	<6.70	<17.0	<1.10	<2.20	<3.30	<1.10	<1.10	<5.60	<5.60
MW-26C	MW-103C	3/29/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-26C	ALT-DUP	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26C	ALT-26C	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26C	022706-MW-26C	2/27/2006	—	—	—	—	—	—	—	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-26C	101311-MW26C	10/13/2011	—	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				CAS	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline
				91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
			Preliminary Screening Level	0.0033	—	7	—	36	2295.92	—	—	—	—
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03/26/2002	3/26/2002	—	<5.60	<6.70	<17.0	<1.10	<2.20	<3.30	<1.10	<1.10	<5.60	<5.60
MW-27A	093011-MW27A	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-28A	030306-MW-28A	3/3/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-28A	MW-104	8/11/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-28A	100311-MW28A	10/3/2011	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-28B	MW-102B	3/28/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-28B	030306-MW-101	3/3/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-28B	030306-MW-28B	3/3/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-28B	100311-MW28B	10/3/2011	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/26/2002	3/26/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-29A	MW-29A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	022706-MW-29A	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-29A	MW-29A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-29A	MW-29A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	101211-MW29A	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03/26/2002	3/26/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-29B	022806-MW-29B	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-29B	101211-MW29B	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<5.60	<6.70	<17.0	<1.10	<2.20	<3.30	<1.10	<1.10	<5.60	<5.60
MW-29C	022706-MW-29C	2/27/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-29C	101211-MW29C	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-29C	101211-MW400	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				CAS	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline
			Preliminary Screening Level	0.0033	—	7	—	36	2295.92	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-30A	MW-30A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-30A	AHT-DUP	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-30A	ALT-MW-30A	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-30A	022806-MW-30A	2/28/2006	—	—	—	—	—	—	—	—	—	—	—
MW-30A	AHT-MM-30A	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-30A	MW-30A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-30A	MW-30A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW30A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-30A	092911-MW30A	9/29/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-32A	092711-MW32A	9/27/2011	—	—	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-33A	092911-MW33A	9/29/2011	—	—	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-34A	092911-MW34A	9/29/2011	—	—	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-35A	MW-35A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-35A	022806-MW-35A	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-35A	MW-35A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				CAS	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline
				91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
			Preliminary Screening Level	0.0033	—	7	—	36	2295.92	—	—	—	—
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-35A	MW-35A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW35A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-35A	101111-MW35A	10/11/2011	—	—	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-35B	022806-MW-35B	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-35B	101111-MW35B	10/11/2011	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_03262002	3/26/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-36A	MW-36A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-36A	022806-MW-36A	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-36A	MW-36A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-36A	MW-36A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW36A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-36A	101111-MW36A	10/11/2011	—	—	—	—	—	—	—	—	—	—	—
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	—	<5.00	<6.00	<15.0	<1.00	<2.00	<3.00	<1.00	<1.00	<5.00	<5.00
MW-36B	022806-MW-36B	2/28/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-36B	101111-MW36B	10/11/2011	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_03262002	3/26/2002	—	<6.20	<7.50	<19.0	<1.20	<2.50	<3.80	<1.20	<1.20	<6.20	<6.20
MW-37A	MW-37A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050714	7/14/2005	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
CAS				91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
Preliminary Screening Level				0.0033	—	7	—	36	2295.92	—	—	—	—
MW-37A	MW-37A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-37A	092811-MW37A	9/28/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	—	<5.10	<6.10	<15.0	<1.00	<2.00	<3.10	<1.00	<1.00	<5.10	<5.10
MW-37B	093011-MW37B	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-38A	MW38-15	5/2/2002	15'	—	—	—	—	—	—	—	—	—	—
MW-38A	MW38-25	5/2/2002	25'	—	—	—	—	—	—	—	—	—	—
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	—	—	—	—	—
MW-38A	093011-MW38A	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-38A	093011-MW100	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	—	—	—	—	—
MW-39A	030206-MW-39A	3/2/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-39A	100311-MW39A	10/3/2011	—	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40	2/17/2004	—	—	—	—	—	—	—	—	—	—	—
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-40B	101111-MW300	10/11/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-41A	MW-41A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-41A	MW-41A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Methylphenol (p-Cresol)	4-Nitroaniline	4-Nitrophenol
CAS				91-94-1	99-09-2	534-52-1	101-55-3	59-50-7	106-47-8	7005-72-3	106-44-5	100-01-6	100-02-7
Preliminary Screening Level				0.0033	—	7	—	36	2295.92	—	—	—	—
MW-41A	MW-41A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-41A	092911-MW41A	9/29/2011	—	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-42A	093011-MW42A	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-42A	MW-42A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	—	5.00R	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-47A	101311-MW700	10/13/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	7.60	<5.00	<5.00
MW-48A	101111-MW48A	10/11/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-49A	101211-MW49A	10/12/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-49A	101211-MW500	10/12/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
MW-49B	101211-MW49B	10/12/2011	—	<5.00	<5.00	<10.0	<1.00	<5.00	<5.00	<1.00	<1.00	<5.00	<5.00
N2	N2-RGW_4202004	4/20/2004	—	—	—	—	—	—	—	—	—	—	—
N5	N5-RGW_3232004	3/23/2004	—	—	—	—	—	—	—	—	—	—	—
N6	N6-RGW_3232004	3/23/2004	—	—	—	—	—	—	—	—	—	—	—
P1	P1-RGW_4152004	4/15/2004	—	—	—	—	—	—	—	—	—	—	—
P3	P3-RGW_4122004	4/12/2004	—	—	—	—	—	—	—	—	—	—	—
R1	R1-RGW_422004	4/2/2004	—	—	—	—	—	—	—	—	—	—	—
R3	R3-RGW_422004	4/2/2004	—	—	—	—	—	—	—	—	—	—	—
R5	R5-RGW_462004	4/6/2004	—	—	—	—	—	—	—	—	—	—	—
R7	R7-RGW_452004	4/5/2004	—	—	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-RGW_482004	4/8/2004	—	—	—	—	—	—	—	—	—	—	—
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)									
				CAS	Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
					65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8	84-74-2
	Preliminary Screening Level			589.33	—	900	—	0.06	0.05	0.013	—	8	
A1	A1-RGW_4192004	4/19/2004	—	—	—	—	—	—	—	—	—	—	
B1	B1-RGW_3252004	3/25/2004	—	—	—	—	—	—	—	—	—	—	
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	—	—	—	—	—	—	—	—	—	
F1	F1-RGW_3192004	3/19/2004	—	—	—	—	—	—	—	—	—	—	
F3	F3-RGW_3172004	3/17/2004	—	—	—	—	—	—	—	—	—	—	
F5	F5-RGW_472004	4/7/2004	—	—	—	—	—	—	—	—	—	—	
FTF-1	FTF-1-RGW_472004	4/7/2004	—	—	—	—	—	—	—	—	—	—	
G6	G6-RGW_3182004	3/18/2004	—	—	—	—	—	—	—	—	—	—	
H3	H3-RGW RE1_3172004	3/17/2004	—	—	—	—	—	—	—	—	—	—	
J2	J2-RGW_4192004	4/19/2004	—	—	—	—	—	—	—	—	—	—	
J4	J4-RGW_3182004	3/18/2004	—	—	—	—	—	—	—	—	—	—	
K5	K5-RGW_412004	4/1/2004	—	—	—	—	—	—	—	—	—	—	
L1	L1-RGW_4202004	4/20/2004	—	—	—	—	—	—	—	—	—	—	
L3	L3-RGW_3192004	3/19/2004	—	—	—	—	—	—	—	—	—	—	
L6	L6-RGW_412004	4/1/2004	—	—	—	—	—	—	—	—	—	—	
M7	M7-RGW_452004	4/5/2004	—	—	—	—	—	—	—	—	—	—	
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-1A	030606-MW-1A	3/6/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.80	<1.00	<1.00	<1.00	
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-6A	MW-6A_03/28/2002	3/28/2002	—	<56.0	<5.60	<1.10	<1.10	<2.20	4.60	<1.10	<1.10	<1.10	
MW-6A	093011-MW6A	9/30/2011	—	—	—	—	—	—	—	—	—	—	
MW-6A	MW-06A-1/24/2019	1/24/2019	—	—	—	—	—	—	3.60	—	—	—	
MW-7A	MW-7A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00	
MW-7A	MW-7A	2/20/2004	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	
MW-7A	030206-MW-7A	3/2/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-7A	MW-7A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	2.30	<1.00	<1.00	<1.00	
MW-7A	MW-7A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW7A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-7A	092711-MW7A	9/27/2011	—	—	—	—	—	—	—	—	—	—	
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	0.200	—	—	—	
MW-8A	MW-8A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-8A	030306-MW-8A	3/3/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	—	—	
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-8B	030606-MW-8B	3/6/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	8.80	<1.00	<1.00	<1.00	

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semi-volatile Organic Compounds (micrograms per liter)								
					Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
			Preliminary Screening Level		589.33	—	900	—	0.06	0.05	0.013	—	8
MW-8B	MW-8B_08/14/2006	8/14/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	4.30	<1.00	<1.00	<1.00
MW-8B	100411-MW8B	10/4/2011	—		—	—	—	—	—	—	—	—	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-9A	030306-MW-9A	3/3/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	1.80	<1.00	<1.00	<1.00
MW-9A	MW-9A_08/14/2006	8/14/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-9A	092811-MW-9A	9/28/2011	—		—	—	—	—	—	—	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—		<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-11A	030306-MW-11A	3/3/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	11.0	<1.00	<1.00	<1.00
MW-11A	MW-11A_08/11/2006	8/11/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	4.30	<1.00	<1.00	1.30
MW-11A	100311-MW11A	10/3/2011	—		—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/26/2002	3/26/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-12A	092911-MW12A	9/29/2011	—		—	—	—	—	—	—	—	—	—
MW-12A	MW-12A-1/25/2019	1/25/2019	—		—	—	—	—	—	0.300	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-14A	MW-101A	3/27/2002	—		<56.0	<5.60	<1.10	<1.10	<2.20	<4.40	<1.10	<1.10	<1.10
MW-14A	030306-MW-14A	3/3/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.00
MW-14A	092911-MW14A	9/29/2011	—		—	—	—	—	—	—	—	—	—
MW-14A	MW-14A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-15A	100311-MW15A	10/3/2011	—		—	—	—	—	—	—	—	—	—
MW-15A	100311-MW200	10/3/2011	—		—	—	—	—	—	—	—	—	—
MW-15A	MW-15A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-16A	030606-MW-102	3/6/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-16A	030606-MW-16A	3/6/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	1.20	<1.00	<1.00	<1.00
MW-16A	MW-105	8/14/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	1.80	<1.00	<1.00	<1.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	2.50	<1.00	<1.00	<1.00
MW-16A	093011-MW16A	9/30/2011	—		—	—	—	—	—	—	—	—	—
MW-16A	MW-16A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-18A	092911-MW18A	9/29/2011	—		—	—	—	—	—	—	—	—	—
MW-18A	MW-18A-1/23/2019	1/23/2019	—		—	—	—	—	—	0.300	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-22A	MW-22A_03/28/2002	3/28/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-22A	093011-MW22A	9/30/2011	—		—	—	—	—	—	—	—	—	—
MW-22A	MW-22A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—		<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-23A	092911-MW23A	9/29/2011	—		—	—	—	—	—	—	—	—	—
MW-23A	MW-23A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	—		—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—		<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	2.00	<1.00
MW-24A	100411-MW24A	10/4/2011	—		—	—	—	—	—	—	—	—	—
MW-24A	MW-24A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—		<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-25A	030206-MW-25A	3/2/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-25A	MW-25A_08/10/2006	8/10/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	2.00	<1.00	<1.00	<1.00
MW-25A	093011-MW25A	9/30/2011	—		—	—	—	—	—	—	—	—	—
MW-25A	MW-25A-1/28/2019	1/28/2019	—		—	—	—	—	—	<0.200	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—		<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050131	1/31/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050404	4/4/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050712	7/12/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050927	9/27/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20051227	12/27/2005	—		—	—	—	—	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—		<10.0	<5.00	<1.00	<1.00	<1.00	9.00	<1.00	<1.00	<1.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)								
				Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
CAS				65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8	84-74-2
Preliminary Screening Level				589.33	—	900	—	0.06	0.05	0.013	—	8
MW-26A	022706-MW-26A	2/27/2006	—	—	—	—	—	—	—	—	—	—
MW-26A	AHT-26A	2/27/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	5.20	<1.00	<1.00	1.20
MW-26A	MW-26A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	2.20	<1.00	<1.00	<1.00
MW-26A	MW-26A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-00_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-00_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-01_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-092609	3/26/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	DUP-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	MW26A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-26A	101311-MW26A	10/13/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	101311-MW600	10/13/2011	—	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	<0.200	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-26B	ALT-26B	2/27/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26B	022706-MW100	2/27/2006	—	—	—	—	—	—	—	—	—	—
MW-26B	022706-MW-26B	2/27/2006	—	—	—	—	—	—	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	5.50	<1.00	<1.00	1.20
MW-26B	MW-103	8/7/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26B	101311-MW26B	10/13/2011	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<56.0	<5.60	<1.10	<1.10	<2.20	<4.40	<1.10	<1.10	<1.10
MW-26C	MW-103C	3/29/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-26C	ALT-DUP	2/27/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	4.60	1.00	<1.00	<1.00
MW-26C	ALT-26C	2/27/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.20	1.60	<1.00	<1.00
MW-26C	022706-MW-26C	2/27/2006	—	—	—	—	—	—	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	16.0	1.70	<1.00	1.30
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	3.90	3.40	<1.00	<1.00
MW-26C	101311-MW26C	10/13/2011	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semi-volatile Organic Compounds (micrograms per liter)								
					Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
					65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8	84-74-2
				Preliminary Screening Level	589.33	—	900	—	0.06	0.05	0.013	—	8
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03/26/2002	3/26/2002	—	—	<56.0	<5.60	<1.10	<1.10	<2.20	<4.40	<1.10	<1.10	<1.10
MW-27A	093011-MW27A	9/30/2011	—	—	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	<0.200	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	<0.200	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-28A	030306-MW-28A	3/3/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	6.80	<1.00	<1.00	<1.00
MW-28A	MW-104	8/11/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-28A	MW-28A_08/11/2006	8/11/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-28A	100311-MW28A	10/3/2011	—	—	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	<0.200	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20
MW-28B	MW-102B	3/28/2002	—	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-28B	030306-MW-101	3/3/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	4.80	<1.00	<1.00	<1.00
MW-28B	030306-MW-28B	3/3/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-28B	MW-28B_08/11/2006	8/11/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	50.0	<1.00	<1.00	<1.00
MW-28B	100311-MW28B	10/3/2011	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	<0.200	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/26/2002	3/26/2002	—	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	—
MW-29A	022706-MW-29A	2/27/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	11.0	<1.00	<1.00	<1.00
MW-29A	MW-29A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW29A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	—
MW-29A	101211-MW29A	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	0.600	—	—	—
MW-29B	MW-29B_03/26/2002	3/26/2002	—	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00
MW-29B	022806-MW-29B	2/28/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.40
MW-29B	MW-29B_08/10/2006	8/10/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29B	101211-MW29B	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	—	<56.0	<5.60	<1.10	<1.10	<2.20	<4.40	<1.10	<1.10	<1.10
MW-29C	022706-MW-29C	2/27/2006	—	—	<10.0	<5.00	<1.00	<1.00	<1.00	0.700J	1.40	<1.00	<1.00
MW-29C	MW-29C_08/07/2006	8/7/2006	—	—	<10.0	5.70	<1.00	<1.00	<1.00	2.00	2.60	<1.00	<1.00
MW-29C	101211-MW29C	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-29C	101211-MW400	10/12/2011	—	—	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)									
				CAS	Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
			Preliminary Screening Level	589-33	—	900	—	0.06	0.05	0.013	—	8	
MW-30A	MW-30A_03262002	3/26/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-30A	MW-30A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	
MW-30A	AHT-DUP	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.30	<1.00	<1.00	1.30	
MW-30A	ALT-MW-30A	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.70	<1.00	<1.00	1.40	
MW-30A	022806-MW-30A	2/28/2006	—	—	—	—	—	—	—	—	—	—	
MW-30A	AHT-MM-30A	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.70	<1.00	<1.00	1.20	
MW-30A	MW-30A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	41.0	<1.00	<1.00	<1.00	
MW-30A	MW-30A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW-30A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-30A	MW30A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-30A	092911-MW30A	9/29/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-31A	MW-31A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	
MW-31A	MW-31A_03262002	3/26/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	—	—	—	—	
MW-31A	093011-MW31A	9/30/2011	—	—	—	—	—	—	—	—	—	—	
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-32A	MW-32A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	—	—	
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00	
MW-32A	092711-MW32A	9/27/2011	—	—	—	—	—	—	—	—	—	—	
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-33A	092911-MW33A	9/29/2011	—	—	—	—	—	—	—	—	—	—	
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	0.200	—	—	—	
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00	
MW-34A	092911-MW34A	9/29/2011	—	—	—	—	—	—	—	—	—	—	
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-35A	MW-35A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	
MW-35A	022806-MW-35A	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.00	<1.00	<1.00	1.10	
MW-35A	MW-35A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)									
				CAS	Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
					65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8	84-74-2
			Preliminary Screening Level	589.33	—	900	—	0.06	0.05	0.013	—	8	
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-35A	MW-35A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW35A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-35A	101111-MW35A	10/11/2011	—	—	—	—	—	—	—	—	—	—	
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00	
MW-35B	022806-MW-35B	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.30	
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	2.80	<1.00	<1.00	<1.00	
MW-35B	101111-MW35B	10/11/2011	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_03262002	3/26/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00	
MW-36A	MW-36A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	
MW-36A	022806-MW-36A	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.00	
MW-36A	MW-36A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
MW-36A	MW-36A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW36A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—	
MW-36A	101111-MW36A	10/11/2011	—	—	—	—	—	—	—	—	—	—	
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	<0.200	—	—	—	
MW-36B	MW-36B_03262002	3/26/2002	—	<50.0	<5.00	<1.00	<1.00	<2.00	<4.00	<1.00	<1.00	<1.00	
MW-36B	022806-MW-36B	2/28/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.40	
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	11.0	<1.00	<1.00	<1.00	
MW-36B	101111-MW36B	10/11/2011	—	—	—	—	—	—	—	—	—	—	
MW-37A	MW-37A_03262002	3/26/2002	—	<62.0	<6.20	<1.20	<1.20	<2.50	<5.00	<1.20	<1.20	<1.20	
MW-37A	MW-37A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—	
MW-37A	MW-37A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—	
MW-37A	MW-37A_20050714	7/14/2005	—	—	—	—	—	—	—	—	—	—	
MW-37A	MW-37A_20050929	9/29/2005	—	—	—	—	—	—	—	—	—	—	
MW-37A	MW-37A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—	

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	CAS	Semivolatile Organic Compounds (micrograms per liter)							
					Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
			Preliminary Screening Level	589-33	—	900	—	0.06	0.05	0.013	—	8
MW-37A	MW-37A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW-37A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-032609	3/26/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	MW37A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-37A	092811-MW37A	9/28/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	3.40	<1.00	<1.00	<1.00
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	0.200	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	0.400	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	—	<51.0	<5.10	<1.00	<1.00	<2.00	<4.10	<1.00	<1.00	<1.00
MW-37B	093011-MW37B	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-38A	MW38-15	5/2/2002	15'	—	—	—	—	—	—	—	—	—
MW-38A	MW38-25	5/2/2002	25'	—	—	—	—	—	—	—	—	—
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	—	—	—	—
MW-38A	093011-MW38A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-38A	093011-MW100	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	—	—	—	—
MW-39A	030206-MW-39A	3/2/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	9.90	<1.00	<1.00	<1.00
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	2.80	<1.00	<1.00	<1.00
MW-39A	100311-MW39A	10/3/2011	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40	2/17/2004	—	—	—	—	—	—	—	—	—	—
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-40B	101111-MW40B	10/11/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-40B	101111-MW300	10/11/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-41A	MW-41	2/17/2004	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050131	1/31/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050404	4/4/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050712	7/12/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050927	9/27/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20051227	12/27/2005	—	—	—	—	—	—	—	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20060411	4/11/2006	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20060626	6/26/2006	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.10	<1.00	<1.00	<1.00
MW-41A	MW-41A_20061003	10/3/2006	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20070112	1/12/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20070413	4/13/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_092807	9/28/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A_122007	12/20/2007	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-032708	3/27/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-061608	6/16/2008	—	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)								
				Benzoic acid	Benzyl alcohol	Bis(2-chloro-1-methylethyl) ether	Bis(2-chloroethoxy)methane	Bis(2-chloroethylether)	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Dibutyl phthalate
CAS				65-85-0	100-51-6	108-60-1	111-91-1	111-44-4	117-81-7	85-68-7	86-74-8	84-74-2
Preliminary Screening Level				589.33	—	900	—	0.06	0.05	0.013	—	8
MW-41A	MW-41A_093008	9/30/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41-123108	12/31/2008	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-032509	3/25/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-63009	6/30/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-92309	9/23/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	MW41A-122309	12/23/2009	—	—	—	—	—	—	—	—	—	—
MW-41A	092911-MW41A	9/29/2011	—	—	—	—	—	—	—	—	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.50	<1.00	<1.00	<1.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-42A	093011-MW42A	9/30/2011	—	—	—	—	—	—	—	—	—	—
MW-42A	MW-42A-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-44A	101311-MW44A	10/13/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	0.700	—	—	—
MW-47A	101311-MW47A	10/13/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	1.00	<1.00	<1.00	<1.00
MW-47A	101311-MW700	10/13/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	4.90	<1.00	<1.00	<1.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-47B	101311-MW47B	10/13/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-48A	101111-MW48A	10/11/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	<0.200	—	—	—
MW-48B	101111-MW48B	10/11/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-49A	101211-MW49A	10/12/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-49A	101211-MW500	10/12/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-49B	101211-MW49B	10/12/2011	—	<10.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
N2	N2-RGW_4202004	4/20/2004	—	—	—	—	—	—	—	—	—	—
N5	N5-RGW_3232004	3/23/2004	—	—	—	—	—	—	—	—	—	—
N6	N6-RGW_3232004	3/23/2004	—	—	—	—	—	—	—	—	—	—
P1	P1-RGW_4152004	4/15/2004	—	—	—	—	—	—	—	—	—	—
P3	P3-RGW_4122004	4/12/2004	—	—	—	—	—	—	—	—	—	—
R1	R1-RGW_422004	4/2/2004	—	—	—	—	—	—	—	—	—	—
R3	R3-RGW_422004	4/2/2004	—	—	—	—	—	—	—	—	—	—
R5	R5-RGW_462004	4/6/2004	—	—	—	—	—	—	—	—	—	—
R7	R7-RGW_452004	4/5/2004	—	—	—	—	—	—	—	—	—	—
SWS-5	SWS-5-RGW_482004	4/8/2004	—	—	—	—	—	—	—	—	—	—
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	—	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)							
				CAS	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
			Preliminary Screening Level	92.55	600	0.0039	—	0.000005	0.01	1	0.02
A1	A1-RGW_4192004	4/19/2004	—	—	—	—	—	—	<0.360	—	—
B1	B1-RGW_3252004	3/25/2004	—	—	—	—	—	—	<0.360	—	—
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	—	—	—	—	—	<0.360	—	—
F1	F1-RGW_3192004	3/19/2004	—	—	—	—	—	—	<0.360	—	—
F3	F3-RGW_3172004	3/17/2004	—	—	—	—	—	—	<0.360	—	—
F5	F5-RGW_472004	4/7/2004	—	—	—	—	—	—	<0.360	—	—
FTF-1	FTF-1-RGW_472004	4/7/2004	—	—	—	—	—	—	<0.360	—	—
G6	G6-RGW_3182004	3/18/2004	—	—	—	—	—	—	<0.360	—	—
H3	H3-RGW RE1_3172004	3/17/2004	—	—	—	—	—	—	<7.20	—	—
J2	J2-RGW_4192004	4/19/2004	—	—	—	—	—	—	<0.360	—	—
J4	J4-RGW_3182004	3/18/2004	—	—	—	—	—	—	<0.360	—	—
K5	K5-RGW_412004	4/1/2004	—	—	—	—	—	—	<0.360	—	—
L1	L1-RGW_4202004	4/20/2004	—	—	—	—	—	—	<0.360	—	—
L3	L3-RGW_3192004	3/19/2004	—	—	—	—	—	—	<0.360	—	—
L6	L6-RGW_412004	4/1/2004	—	—	—	—	—	—	<0.360	—	—
M7	M7-RGW_452004	4/5/2004	—	—	—	—	—	—	<0.360	—	—
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	<5000	<1.20	<0.500	<6.20	<2.50
MW-1A	030606-MW-1A	3/6/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	<5000	<1.20	<0.500	<6.20	<2.50
MW-6A	MW-6A_03/28/2002	3/28/2002	—	<1.10	<1.10	<2.20	<5000	<1.10	<0.500	<5.60	<2.20
MW-6A	093011-MW6A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-6A	MW-06A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-7A	MW-7A	2/20/2004	—	—	—	—	—	—	<1.00	—	—
MW-7A	MW-7A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-7A	MW-7A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-7A	MW-7A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—
MW-7A	MW-7A_20050927	9/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-7A	MW-7A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-7A	030206-MW-7A	3/2/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-7A	MW-7A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—
MW-7A	MW-7A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-7A	MW-7A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW-7A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW-7A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW-7A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW7-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW7-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW-7A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-7A	MW7-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-7A	MW7A-032509	3/25/2009	—	—	—	—	—	—	<0.500	—	—
MW-7A	MW7A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-7A	MW7A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-7A	MW7A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-7A	092711-MW7A	9/27/2011	—	—	—	—	—	—	<0.500	—	—
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-8A	030306-MW-8A	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	<0.500	—	—
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-8B	030606-MW-8B	3/6/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)							
				CAS	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
		Preliminary Screening Level		92.55	600	0.0039	—	0.000005	0.01	1	0.02
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-8B	100411-MW8B	10/4/2011	—	—	—	—	—	—	<0.500	—	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	10000	<1.20	<0.500	<6.20	<2.50
MW-9A	030306-MW-9A	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-9A	MW-9A_08/14/2006	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-9A	092811-MW-9A	9/28/2011	—	—	—	—	—	—	<0.500	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-11A	030306-MW-11A	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-11A	100311-MW11A	10/3/2011	—	—	—	—	—	—	<0.500	—	—
MW-12A	MW-12A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-12A	MW-12A_03/26/2002	3/26/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-12A	092911-MW12A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-14A	MW-101A	3/27/2002	—	<1.10	<1.10	<2.20	—	<1.10	<0.500	<5.60	<2.20
MW-14A	030306-MW-14A	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<1.00	<5.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-14A	092911-MW14A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-15A	100311-MW15A	10/3/2011	—	—	—	—	—	—	<0.500	—	—
MW-15A	100311-MW200	10/3/2011	—	—	—	—	—	—	<0.500	—	—
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-16A	030606-MW-102	3/6/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-16A	030606-MW-16A	3/6/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-16A	MW-105	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-16A	093011-MW16A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-18A	092911-MW18A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-22A	MW-22A_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-22A	093011-MW22A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-23A	092911-MW23A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-24A	100411-MW24A	10/4/2011	—	—	—	—	—	—	<0.500	—	—
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-25A	030206-MW-25A	3/2/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-25A	093011-MW25A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-26A	MW-26A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-26A	MW-26A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-26A	MW-26A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—
MW-26A	MW-26A_20050927	9/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-26A	MW-26A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-26A	ALT-26A	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)							
				Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane
CAS				84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
Preliminary Screening Level				92.55	600	0.0039	—	0.00005	0.01	1	0.02
MW-26A	022706-MW-26A	2/27/2006	—	—	—	—	—	<0.00500	—	—	—
MW-26A	AHT-26A	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26A	MW-26A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—
MW-26A	MW-26A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-26A	MW-26A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-00_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-00_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—
MW-26A	DUP-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW26-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-26A	DUP-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW26-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-26A	DUP-01_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-26A	MW-26A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-26A	DUP-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-26A	MW26-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-26A	DUP-032609	3/26/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	MW26A-092609	3/26/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	DUP-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	MW26A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	DUP-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	MW26A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	DUP-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	MW26A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-26A	101311-MW26A	10/13/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26A	101311-MW600	10/13/2011	—	—	—	—	—	—	<0.500	—	—
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	—	—	—	—	—	—	<5.00	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-26B	ALT-26B	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26B	022706-MW100	2/27/2006	—	—	—	—	—	<0.00500	<0.00500	—	—
MW-26B	022706-MW-26B	2/27/2006	—	—	—	—	—	<0.00500	<0.00500	—	—
MW-26B	AHT-26B	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26B	MW-103	8/7/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-26B	101311-MW26B	10/13/2011	—	—	—	—	—	—	<0.500	—	—
MW-26C	MW-26C_03/24/2000	3/24/2000	—	—	—	—	—	—	<5.00	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<1.10	<1.10	<2.20	—	<1.10	<0.500	<5.00	<2.20
MW-26C	MW-103C	3/29/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-26C	ALT-DUP	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26C	ALT-26C	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26C	022706-MW-26C	2/27/2006	—	—	—	—	—	<0.00500	<0.00500	—	—
MW-26C	AHT-26C	2/27/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-26C	101311-MW26C	10/13/2011	—	—	—	—	—	—	<0.500	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)							
				CAS	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
			Preliminary Screening Level	84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
				92.55	600	0.0039	—	0.000005	0.01	1	0.02
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—
MW-27A	MW-27A_03262002	3/26/2002	—	<1.10	<1.10	<2.20	—	<1.10	<0.500	<5.60	<2.20
MW-27A	093011-MW27A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-28A	030306-MW-28A	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-28A	MW-104	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-28A	100311-MW28A	10/3/2011	—	—	—	—	—	—	<0.500	—	—
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	—	—	—	—	—	—	<5.00	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-28B	MW-102B	3/28/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-28B	030306-MW-101	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-28B	030306-MW-28B	3/3/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-28B	100311-MW28B	10/3/2011	—	—	—	—	—	—	<0.500	—	—
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_03262002	3/26/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-29A	MW-29A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-29A	MW-29A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-29A	MW-29A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—
MW-29A	MW-29A_20050929	9/29/2005	—	—	—	—	—	—	<1.00	—	—
MW-29A	MW-29A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-29A	022706-MW-29A	2/27/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-29A	MW-29A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—
MW-29A	MW-29A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-29A	MW-29A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW29-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW29-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW-29A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-29A	MW29-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-29A	MW29A-032609	3/26/2009	—	—	—	—	—	—	<0.500	—	—
MW-29A	MW29A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-29A	MW29A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-29A	MW29A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-29A	101211-MW29A	10/12/2011	—	—	—	—	—	—	<0.500	—	—
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-29B	022806-MW-29B	2/28/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-29B	101211-MW29B	10/12/2011	—	—	—	—	—	—	<0.500	—	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<1.10	<1.10	<2.20	—	<1.10	<0.500	<5.60	<2.20
MW-29C	022706-MW-29C	2/27/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-29C	MW-29C_08/07/2006	8/7/2006	—	1.70	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-29C	101211-MW29C	10/12/2011	—	—	—	—	—	—	<0.500	—	—
MW-29C	101211-MW400	10/12/2011	—	—	—	—	—	—	<0.500	—	—
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	<5.00	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)							
				Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane
CAS				84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
Preliminary Screening Level				92.55	600	0.0039	—	0.000005	0.01	1	0.02
MW-30A	MW-30A_03262002	3/26/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-30A	MW-30A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-30A	MW-30A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-30A	MW-30A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—
MW-30A	MW-30A_20050929	9/29/2005	—	—	—	—	—	—	<1.00	—	—
MW-30A	MW-30A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-30A	AHT-DUP	2/28/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-30A	ALT-MW-30A	2/28/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-30A	022806-MW-30A	2/28/2006	—	—	—	—	—	<0.00500	<0.00500	—	—
MW-30A	AHT-MM-30A	2/28/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-30A	MW-30A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—
MW-30A	MW-30A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-30A	MW-30A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW-30A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW-30A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW-30A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW-30A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW30-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW30-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW-30A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-30A	MW30-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-30A	MW30A-032509	3/25/2009	—	—	—	—	—	—	<0.500	—	—
MW-30A	MW30A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-30A	MW30A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-30A	MW30A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-30A	092911-MW30A	9/29/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	<0.500	—	—
MW-31A	093011-MW31A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/28/2000	3/28/2000	—	—	—	—	—	—	<5.00	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-32A	092711-MW32A	9/27/2011	—	—	—	—	—	—	<0.500	—	—
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-33A	092911-MW33A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-34A	092911-MW34A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-35A	MW-35A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-35A	MW-35A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-35A	MW-35A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—
MW-35A	MW-35A_20050927	9/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-35A	MW-35A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-35A	022806-MW-35A	2/28/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-35A	MW-35A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—
MW-35A	MW-35A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)							
				CAS	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
			Preliminary Screening Level	92.55	600	0.0039	—	0.00005	0.01	1	0.02
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-35A	MW-35A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW-35A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW-35A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW-35A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW-35A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW35-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW35-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW-35A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-35A	MW35-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-35A	MW35A-032609	3/26/2009	—	—	—	—	—	—	<0.500	—	—
MW-35A	MW35A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-35A	MW35A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-35A	MW35A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-35A	101111-MW35A	10/11/2011	—	—	—	—	—	—	<0.500	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-35B	022806-MW-35B	2/28/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-35B	101111-MW35B	10/11/2011	—	—	—	—	—	—	<0.500	—	—
MW-36A	MW-36A_03262002	3/26/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-36A	MW-36A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-36A	MW-36A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-36A	MW-36A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—
MW-36A	MW-36A_20050929	9/29/2005	—	—	—	—	—	—	<1.00	—	—
MW-36A	MW-36A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—
MW-36A	022806-MW-36A	2/28/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-36A	MW-36A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—
MW-36A	MW-36A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-36A	MW-36A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW-36A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW-36A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW-36A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW-36A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW36-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW36-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW-36A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-36A	MW36-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-36A	MW36A-032609	3/26/2009	—	—	—	—	—	—	<0.500	—	—
MW-36A	MW36A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-36A	MW36A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-36A	MW36A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-36A	101111-MW36A	10/11/2011	—	—	—	—	—	—	<0.500	—	—
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.00	<2.00
MW-36B	022806-MW-36B	2/28/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<1.00	<1.00	<1.00	—	<0.00500	<0.00500	<5.00	<1.00
MW-36B	101111-MW36B	10/11/2011	—	—	—	—	—	—	<0.500	—	—
MW-37A	MW-37A_03262002	3/26/2002	—	<1.20	<1.20	<2.50	—	<1.20	<0.500	<6.20	<2.50
MW-37A	MW-37A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—
MW-37A	MW-37A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—
MW-37A	MW-37A_20050714	7/14/2005	—	—	—	—	—	—	<1.00	—	—
MW-37A	MW-37A_20050929	9/29/2005	—	—	—	—	—	—	<1.00	—	—
MW-37A	MW-37A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)								
				CAS	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane
					84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
			Preliminary Screening Level	92.55	600	0.0039	—	0.000005	0.01	1	0.02	
MW-37A	MW-37A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—	
MW-37A	MW-37A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW-37A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW-37A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW-37A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW-37A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW-37A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW37-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW37-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW-37A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—	
MW-37A	MW37-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—	
MW-37A	MW37A-032609	3/26/2009	—	—	—	—	—	—	<0.500	—	—	
MW-37A	MW37A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—	
MW-37A	MW37A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—	
MW-37A	MW37A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—	
MW-37A	092811-MW37A	9/28/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—	
MW-37B	MW-37B_03262002	3/26/2002	—	<1.00	<1.00	<2.00	—	<1.00	<0.500	<5.10	<2.00	
MW-37B	093011-MW37B	9/30/2011	—	—	—	—	—	—	<0.500	—	—	
MW-38A	MW38-15	5/2/2002	15'	—	—	—	—	—	<0.500	—	—	
MW-38A	MW38-25	5/2/2002	25'	—	—	—	—	—	<0.500	—	—	
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	<0.500	—	—	
MW-38A	093011-MW38A	9/30/2011	—	—	—	—	—	—	<0.500	—	—	
MW-38A	093011-MW100	9/30/2011	—	—	—	—	—	—	<0.500	—	—	
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	<0.500	—	—	
MW-39A	030206-MW-39A	3/2/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-39A	100311-MW39A	10/3/2011	—	—	—	—	—	—	<0.500	—	—	
MW-40A	MW-40	2/17/2004	—	—	—	—	—	—	<1.00	—	—	
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	<0.500	—	—	
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—	
MW-40B	101111-MW40B	10/11/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-40B	101111-MW300	10/11/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—	
MW-41A	MW-41	2/17/2004	—	—	—	—	—	—	<1.00	—	—	
MW-41A	MW-41A_20050131	1/31/2005	—	—	—	—	—	—	<1.00	—	—	
MW-41A	MW-41A_20050404	4/4/2005	—	—	—	—	—	—	<1.00	—	—	
MW-41A	MW-41A_20050712	7/12/2005	—	—	—	—	—	—	<1.00	—	—	
MW-41A	MW-41A_20050927	9/27/2005	—	—	—	—	—	—	<1.00	—	—	
MW-41A	MW-41A_20051227	12/27/2005	—	—	—	—	—	—	<1.00	—	—	
MW-41A	030206-MW-41A	3/2/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-41A	MW-41A_20060411	4/11/2006	—	—	—	—	—	—	<1.00	—	—	
MW-41A	MW-41A_20060626	6/26/2006	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00	
MW-41A	MW-41A_20061003	10/3/2006	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW-41A_20070112	1/12/2007	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW-41A_20070413	4/13/2007	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW-41A_092807	9/28/2007	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW-41A_122007	12/20/2007	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW41-032708	3/27/2008	—	—	—	—	—	—	<5.00	—	—	
MW-41A	MW41-061608	6/16/2008	—	—	—	—	—	—	<5.00	—	—	

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)							
				Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Ethylene Glycol	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane
CAS				84-66-2	131-11-3	117-84-0	107-21-1	118-74-1	87-68-3	77-47-4	67-72-1
Preliminary Screening Level				92.55	600	0.0039	—	0.000005	0.01	1	0.02
MW-41A	MW-41A_093008	9/30/2008	—	—	—	—	—	—	<5.00	—	—
MW-41A	MW41-123108	12/31/2008	—	—	—	—	—	—	<0.500	—	—
MW-41A	MW41A-032509	3/25/2009	—	—	—	—	—	—	<0.500	—	—
MW-41A	MW41A-63009	6/30/2009	—	—	—	—	—	—	<0.500	—	—
MW-41A	MW41A-92309	9/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-41A	MW41A-122309	12/23/2009	—	—	—	—	—	—	<0.500	—	—
MW-41A	092911-MW41A	9/29/2011	—	—	—	—	—	—	<0.500	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-42A	093011-MW42A	9/30/2011	—	—	—	—	—	—	<0.500	—	—
MW-42A	MW-42A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-47A	101311-MW700	10/13/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-48A	101111-MW48A	10/11/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-49A	101211-MW49A	10/12/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-49A	101211-MW500	10/12/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
MW-49B	101211-MW49B	10/12/2011	—	<1.00	<1.00	<1.00	—	<1.00	<0.500	<5.00	<1.00
N2	N2-RGW_4202004	4/20/2004	—	—	—	—	—	—	<0.360	—	—
N5	N5-RGW_3232004	3/23/2004	—	—	—	—	—	—	<0.360	—	—
N6	N6-RGW_3232004	3/23/2004	—	—	—	—	—	—	<0.360	—	—
P1	P1-RGW_4152004	4/15/2004	—	—	—	—	—	—	<0.360	—	—
P3	P3-RGW_4122004	4/12/2004	—	—	—	—	—	—	<0.360	—	—
R1	R1-RGW_422004	4/2/2004	—	—	—	—	—	—	<0.360	—	—
R3	R3-RGW_422004	4/2/2004	—	—	—	—	—	—	<0.360	—	—
R5	R5-RGW_462004	4/6/2004	—	—	—	—	—	—	<0.360	—	—
R7	R7-RGW_452004	4/5/2004	—	—	—	—	—	—	<0.360	—	—
SWS-5	SWS-5-RGW_482004	4/8/2004	—	—	—	—	—	—	<0.360	—	—
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	—	—	—	—	—	<1.00	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)							
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol
					78-59-1	110-54-3	98-95-3	621-64-7	86-30-6	87-86-5	108-95-2
			Preliminary Screening Level	110	—	100	0.058	0.69	0.002	365.17	
A1	A1-RGW_4192004	4/19/2004	—	—	—	—	—	—	—	—	
B1	B1-RGW_3252004	3/25/2004	—	—	—	—	—	—	—	—	
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	—	—	—	—	—	—	—	
F1	F1-RGW_3192004	3/19/2004	—	—	—	—	—	—	—	—	
F3	F3-RGW_3172004	3/17/2004	—	—	—	—	—	—	—	—	
F5	F5-RGW_472004	4/7/2004	—	—	—	—	—	—	—	—	
FTF-1	FTF-1-RGW_472004	4/7/2004	—	—	—	—	—	—	—	—	
G6	G6-RGW_3182004	3/18/2004	—	—	—	—	—	—	—	—	
H3	H3-RGW RE1_3172004	3/17/2004	—	—	—	—	—	—	—	—	
J2	J2-RGW_4192004	4/19/2004	—	—	—	—	—	—	—	—	
J4	J4-RGW_3182004	3/18/2004	—	—	—	—	—	—	—	—	
K5	K5-RGW_412004	4/1/2004	—	—	—	—	—	—	—	—	
L1	L1-RGW_4202004	4/20/2004	—	—	—	—	—	—	—	—	
L3	L3-RGW_3192004	3/19/2004	—	—	—	—	—	—	—	—	
L6	L6-RGW_412004	4/1/2004	—	—	—	—	—	—	—	—	
M7	M7-RGW_452004	4/5/2004	—	—	—	—	—	—	—	—	
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50	
MW-1A	030606-MW-1A	3/6/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50	
MW-6A	MW-6A_03/28/2002	3/28/2002	—	<2.10Y	—	<1.10	<2.20	<1.10	<5.60	<2.20	
MW-6A	093011-MW6A	9/30/2011	—	—	—	—	—	—	—	—	
MW-6A	MW-06A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00	
MW-7A	MW-7A	2/20/2004	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20050131	1/31/2005	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_20050927	9/27/2005	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—	
MW-7A	030206-MW-7A	3/2/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	
MW-7A	MW-7A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	
MW-7A	MW-7A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—	
MW-7A	MW-7A_092807	9/28/2007	—	—	—	—	—	—	—	—	
MW-7A	MW7-032708	3/27/2008	—	—	—	—	—	—	—	—	
MW-7A	MW7-061608	6/16/2008	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_093008	9/30/2008	—	—	—	—	—	—	—	—	
MW-7A	MW7-123108	12/31/2008	—	—	—	—	—	—	—	—	
MW-7A	MW7A-032509	3/25/2009	—	—	—	—	—	—	—	—	
MW-7A	MW7A-63009	6/30/2009	—	—	—	—	—	—	—	—	
MW-7A	MW7A-92309	9/23/2009	—	—	—	—	—	—	—	—	
MW-7A	MW7A-122309	12/23/2009	—	—	—	—	—	—	—	—	
MW-7A	092711-MW7A	9/27/2011	—	—	—	—	—	—	—	—	
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	
MW-8A	MW-8A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—	
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50	
MW-8A	030306-MW-8A	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	
MW-8A	100311-MW8A	10/3/2011	—	—	—	—	—	—	—	—	
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50	
MW-8B	030606-MW-8B	3/6/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00	

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)						
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol
			Preliminary Screening Level	110	—	100	0.058	0.69	0.002	365.17
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-8B	100411-MW8B	10/4/2011	—	—	—	—	—	—	—	—
MW-9A	MW-9A_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-9A	030306-MW-9A	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-9A	MW-9A_08/14/2006	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-9A	092811-MW-9A	9/28/2011	—	—	—	—	—	—	—	—
MW-11A	MW-11A_03/27/2002	3/27/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-11A	030306-MW-11A	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-11A	100311-MW11A	10/3/2011	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03/26/2002	3/26/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-12A	092911-MW12A	9/29/2011	—	—	—	—	—	—	—	—
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-14A	MW-101A	3/27/2002	—	<1.10	—	<1.10	<2.20	<1.10	<5.60	<2.20
MW-14A	030306-MW-14A	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-14A	092911-MW14A	9/29/2011	—	—	—	—	—	—	—	—
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-15A	100311-MW15A	10/3/2011	—	—	—	—	—	—	—	—
MW-15A	100311-MW200	10/3/2011	—	—	—	—	—	—	—	—
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-16A	030606-MW-102	3/6/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-16A	030606-MW-16A	3/6/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-16A	MW-105	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-16A	093011-MW16A	9/30/2011	—	—	—	—	—	—	—	—
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-18A	092911-MW18A	9/29/2011	—	—	—	—	—	—	—	—
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-22A	MW-22A_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-22A	093011-MW22A	9/30/2011	—	—	—	—	—	—	—	—
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-23A	092911-MW23A	9/29/2011	—	—	—	—	—	—	—	—
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-24A	100411-MW24A	10/4/2011	—	—	—	—	—	—	—	—
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-25A	030206-MW-25A	3/2/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-25A	093011-MW25A	9/30/2011	—	—	—	—	—	—	—	—
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-26A	MW-26A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-26A	MW-26A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_20050927	9/27/2005	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)						
				Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol
CAS				78-59-1	110-54-3	98-95-3	621-64-7	86-30-6	87-86-5	108-95-2
Preliminary Screening Level				110	—	100	0.058	0.69	0.002	365.17
MW-26A	022706-MW-26A	2/27/2006	—	—	—	—	—	—	—	—
MW-26A	AHT-26A	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-26A	MW-26A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-26A	MW-00_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-26A	MW-00_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-26A	MW-26A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-26A	DUP-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-26A	MW26-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-26A	DUP-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-26A	MW26-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-26A	DUP-01_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-26A	MW-26A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-26A	DUP-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-26A	MW26-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-26A	DUP-032609	3/26/2009	—	—	—	—	—	—	—	—
MW-26A	MW26A-092609	3/26/2009	—	—	—	—	—	—	—	—
MW-26A	DUP-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-26A	MW26A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-26A	DUP-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-26A	MW26A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-26A	DUP-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-26A	MW26A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-26A	101311-MW26A	10/13/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-26A	101311-MW600	10/13/2011	—	—	—	—	—	—	—	—
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-26B	ALT-26B	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26B	022706-MW100	2/27/2006	—	—	—	—	—	—	—	—
MW-26B	022706-MW-26B	2/27/2006	—	—	—	—	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26B	MW-103	8/7/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26B	101311-MW26B	10/13/2011	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<1.10	—	<1.10	<2.20	<1.10	<5.60	<2.20
MW-26C	MW-103C	3/29/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-26C	ALT-DUP	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26C	ALT-26C	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26C	022706-MW-26C	2/27/2006	—	—	—	—	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-26C	101311-MW26C	10/13/2011	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)						
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol
			Preliminary Screening Level	110	—	100	0.058	0.69	0.002	365.17
MW-27A	MW-27A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03/26/2002	3/26/2002	—	<1.10	—	<1.10	<2.20	<1.10	<5.60	<2.20
MW-27A	093011-MW27A	9/30/2011	—	—	—	—	—	—	—	—
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-28A	030306-MW-28A	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-28A	MW-104	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-28A	100311-MW28A	10/3/2011	—	—	—	—	—	—	—	—
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-28B	MW-102B	3/28/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-28B	030306-MW-101	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-28B	030306-MW-28B	3/3/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-28B	100311-MW28B	10/3/2011	—	—	—	—	—	—	—	—
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/26/2002	3/26/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-29A	MW-29A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-29A	MW-29A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_20050929	9/29/2005	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—
MW-29A	022706-MW-29A	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-29A	MW-29A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-29A	MW-29A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-29A	MW29-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-29A	MW29-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-29A	MW-29A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-29A	MW29-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-29A	MW29A-032609	3/26/2009	—	—	—	—	—	—	—	—
MW-29A	MW29A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-29A	MW29A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-29A	MW29A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-29A	101211-MW29A	10/12/2011	—	—	—	—	—	—	—	—
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03/26/2002	3/26/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-29B	022806-MW-29B	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-29B	101211-MW29B	10/12/2011	—	—	—	—	—	—	—	—
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<1.10	—	<1.10	<2.20	<1.10	<5.60	<2.20
MW-29C	022706-MW-29C	2/27/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-29C	101211-MW29C	10/12/2011	—	—	—	—	—	—	—	—
MW-29C	101211-MW400	10/12/2011	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03/27/2000	3/27/2000	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)						
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol
			Preliminary Screening Level	110	—	100	0.058	0.69	0.002	365.17
MW-30A	MW-30A_03262002	3/26/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-30A	MW-30A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-30A	MW-30A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_20050929	9/29/2005	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—
MW-30A	AHT-DUP	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-30A	ALT-MW-30A	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-30A	022806-MW-30A	2/28/2006	—	—	—	—	—	—	—	—
MW-30A	AHT-MM-30A	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-30A	MW-30A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-30A	MW-30A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-30A	MW30-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-30A	MW30-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-30A	MW-30A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-30A	MW30-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-30A	MW30A-032509	3/25/2009	—	—	—	—	—	—	—	—
MW-30A	MW30A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-30A	MW30A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-30A	MW30A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-30A	092911-MW30A	9/29/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-31A	MW-31A	5/15/2002	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	—	—	—	—	—	—	—	—
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/28/2000	3/28/2000	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-32A	092711-MW32A	9/27/2011	—	—	—	—	—	—	—	—
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-33A	092911-MW33A	9/29/2011	—	—	—	—	—	—	—	—
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-34A	092911-MW34A	9/29/2011	—	—	—	—	—	—	—	—
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-35A	MW-35A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-35A	MW-35A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_20050927	9/27/2005	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—
MW-35A	022806-MW-35A	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)						
				CAS	Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol
			Preliminary Screening Level	110	—	100	0.058	0.69	0.002	365.17
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-35A	MW-35A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-35A	MW-35A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-35A	MW35-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-35A	MW35-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-35A	MW-35A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-35A	MW35-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-35A	MW35A-032609	3/26/2009	—	—	—	—	—	—	—	—
MW-35A	MW35A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-35A	MW35A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-35A	MW35A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-35A	101111-MW35A	10/11/2011	—	—	—	—	—	—	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-35B	022806-MW-35B	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-35B	101111-MW35B	10/11/2011	—	—	—	—	—	—	—	—
MW-36A	MW-36A_03262002	3/26/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-36A	MW-36A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-36A	MW-36A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_20050929	9/29/2005	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—
MW-36A	022806-MW-36A	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-36A	MW-36A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-36A	MW-36A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-36A	MW36-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-36A	MW36-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-36A	MW-36A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-36A	MW36-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-36A	MW36A-032609	3/26/2009	—	—	—	—	—	—	—	—
MW-36A	MW36A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-36A	MW36A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-36A	MW36A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-36A	101111-MW36A	10/11/2011	—	—	—	—	—	—	—	—
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.00	<2.00
MW-36B	022806-MW-36B	2/28/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-36B	101111-MW36B	10/11/2011	—	—	—	—	—	—	—	—
MW-37A	MW-37A_03262002	3/26/2002	—	<1.20	—	<1.20	<2.50	<1.20	<6.20	<2.50
MW-37A	MW-37A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-37A	MW-37A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20050714	7/14/2005	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20050929	9/29/2005	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semivolatile Organic Compounds (micrograms per liter)						
				Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol
CAS				78-59-1	110-54-3	98-95-3	621-64-7	86-30-6	87-86-5	108-95-2
Preliminary Screening Level				110	—	100	0.058	0.69	0.002	365.17
MW-37A	MW-37A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-37A	MW-37A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-37A	MW-37A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-37A	MW37-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-37A	MW37-061608	6/16/2008	—	—	—	—	—	—	—	—
MW-37A	MW-37A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-37A	MW37-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-37A	MW37A-032609	3/26/2009	—	—	—	—	—	—	—	—
MW-37A	MW37A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-37A	MW37A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-37A	MW37A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-37A	092811-MW37A	9/28/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	—	<1.00	—	<1.00	<2.00	<1.00	<5.10	<2.00
MW-37B	093011-MW37B	9/30/2011	—	—	—	—	—	—	—	—
MW-38A	MW38-15	5/2/2002	15'	—	—	—	—	—	—	—
MW-38A	MW38-25	5/2/2002	25'	—	—	—	—	—	—	—
MW-38A	MW-38A	5/15/2002	—	—	—	—	—	—	—	—
MW-38A	093011-MW38A	9/30/2011	—	—	—	—	—	—	—	—
MW-38A	093011-MW100	9/30/2011	—	—	—	—	—	—	—	—
MW-39A	MW-39A_05/15/2002	5/15/2002	—	—	—	—	—	—	—	—
MW-39A	030206-MW-39A	3/2/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-39A	100311-MW39A	10/3/2011	—	—	—	—	—	—	—	—
MW-40A	MW-40	2/17/2004	—	—	—	—	—	—	—	—
MW-40A	101111-MW40A	10/11/2011	—	—	—	—	—	—	—	—
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-40B	101111-MW300	10/11/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050131	1/31/2005	—	—	—	—	—	—	—	—
MW-41A	MW-41A_20050404	4/4/2005	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_20050712	7/12/2005	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_20050927	9/27/2005	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_20051227	12/27/2005	—	—	<2.00	—	—	—	—	—
MW-41A	030206-MW-41A	3/2/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20060411	4/11/2006	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_20060626	6/26/2006	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20061003	10/3/2006	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_20070112	1/12/2007	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_20070413	4/13/2007	—	—	<2.00	—	—	—	—	—
MW-41A	MW-41A_092807	9/28/2007	—	—	—	—	—	—	—	—
MW-41A	MW-41A_122007	12/20/2007	—	—	—	—	—	—	—	—
MW-41A	MW41-032708	3/27/2008	—	—	—	—	—	—	—	—
MW-41A	MW41-061608	6/16/2008	—	—	—	—	—	—	—	—

Table B-12 - Semi-Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Semi-volatile Organic Compounds (micrograms per liter)						
				Isophorone	n-Hexane	Nitrobenzene	n-Nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenol
			CAS	78-59-1	110-54-3	98-95-3	621-64-7	86-30-6	87-86-5	108-95-2
			Preliminary Screening Level	110	—	100	0.058	0.69	0.002	365.17
MW-41A	MW-41A_093008	9/30/2008	—	—	—	—	—	—	—	—
MW-41A	MW41-123108	12/31/2008	—	—	—	—	—	—	—	—
MW-41A	MW41A-032509	3/25/2009	—	—	—	—	—	—	—	—
MW-41A	MW41A-63009	6/30/2009	—	—	—	—	—	—	—	—
MW-41A	MW41A-92309	9/23/2009	—	—	—	—	—	—	—	—
MW-41A	MW41A-122309	12/23/2009	—	—	—	—	—	—	—	—
MW-41A	092911-MW41A	9/29/2011	—	—	—	—	—	—	—	—
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<1.00	—	<1.00	<5.00	<1.00	<5.00	<1.00
MW-42A	093011-MW42A	9/30/2011	—	—	—	—	—	—	—	—
MW-42A	MW-42A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-43A	101211-MW43A	10/12/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-47A	101311-MW700	10/13/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-48A	101111-MW48A	10/11/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-49A	101211-MW49A	10/12/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-49A	101211-MW500	10/12/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
MW-49B	101211-MW49B	10/12/2011	—	<1.00	—	<1.00	<1.00	<1.00	<5.00	<1.00
N2	N2-RGW_4202004	4/20/2004	—	—	—	—	—	—	—	—
N5	N5-RGW_3232004	3/23/2004	—	—	—	—	—	—	—	—
N6	N6-RGW_3232004	3/23/2004	—	—	—	—	—	—	—	—
P1	P1-RGW_4152004	4/15/2004	—	—	—	—	—	—	—	—
P3	P3-RGW_4122004	4/12/2004	—	—	—	—	—	—	—	—
R1	R1-RGW_422004	4/2/2004	—	—	—	—	—	—	—	—
R3	R3-RGW_422004	4/2/2004	—	—	—	—	—	—	—	—
R5	R5-RGW_462004	4/6/2004	—	—	—	—	—	—	—	—
R7	R7-RGW_452004	4/5/2004	—	—	—	—	—	—	—	—
SWS-5	SWS-5-RGW_482004	4/8/2004	—	—	—	—	—	—	—	—
VET-B-RGW	VET-B-RGW	3/24/2004	1.5'	—	—	—	—	—	—	—

Notes:
Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater
< - sample less than the indicated method detection limit
D - sample diluted
Bold indicates analyte detected
J - estimated concentration above the method detection limit but below the method reporting limit
Orange indicates value is above the preliminary screening level
R - sample result rejected due to being non detect and having no surrogate recovery
Blue indicates method reporting limit greater than screening level
Y - estimated concentration

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	BTEX (milligrams per kilogram)					Volatile Organic Compound's (milligrams per kilogram)		
				Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
				CAS	71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6
	Preliminary Screening Level			8.75E-03	0.26	16,000	0.92	16,000	38.46	371.31	1.68E-03
A	A	3/17/2004	2'	<0.00174	<0.00463	—	<0.00174	<0.0116	<0.00579	<0.00290	<0.00579
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	—	0.00930	0.00270	<0.00106	<0.00106	<0.00106
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.00120	—	—	—	—	<0.00120	<0.00120	<0.00120
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00128	<0.00128	—	<0.00128	<0.00256	<0.00128	<0.00128	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00119	0.0110	—	0.0149	0.0828	<0.00119	0.00343	<0.00119
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	—	<0.00106	<0.00213	<0.00106	<0.00106	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00118	<0.00118	—	<0.00118	<0.00237	<0.00118	<0.00118	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00105	<0.00105	—	<0.00105	<0.00209	<0.00105	<0.00105	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00120	<0.00120	0.00210	0.00269	<0.00120	<0.00120	<0.00120
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00120	<0.00120	0.00180	<0.000505	<0.00120	<0.00120	<0.00120
C	C	3/17/2004	2'	<0.00201	<0.00535	—	<0.00201	<0.0134	<0.00669	<0.00335	<0.00669
C0	CO-0.5-2	3/30/2004	0.5'-2'	<0.00128	<0.00128	—	<0.00128	<0.00256	<0.00128	<0.00128	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00120	—	<0.00120	<0.00239	<0.00120	<0.00120	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00110	0.00132	—	0.00122	0.0126	<0.00110	<0.00110	<0.00110
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00227	<0.00114	<0.00114	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00118	<0.00118	—	0.00119	<0.00236	<0.00118	<0.00118	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00108	<0.00108	—	<0.00108	<0.00215	<0.00108	<0.00108	<0.00108
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00113	<0.00113	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108
D	D	3/17/2004	2'	<0.00173	<0.00462	—	<0.00173	<0.0115	<0.00577	<0.00289	<0.00577
D0	DO-0.5-2	3/30/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00228	<0.00114	<0.00114	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00112	<0.00112	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00109	<0.00109	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00114	<0.00114	—	0.00114	<0.00228	<0.00114	<0.00114	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00117	<0.00117	—	<0.00117	<0.00234	<0.00117	<0.00117	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00119	<0.00119	—	<0.00119	<0.00238	<0.00119	<0.00119	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00223	<0.00111	<0.00111	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00112	<0.00112	—	<0.00112	<0.00224	<0.00112	<0.00112	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	<1.80J	22.0J	<1.80J	<1.80J	—	—	—	—
E0	EO-0.5-2	3/31/2004	0.5'-2'	<0.00132	<0.00132	—	<0.00132	<0.00263	<0.00132	<0.00132	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00129	<0.00129	—	<0.00129	<0.00257	<0.00129	<0.00129	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	0.0213	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00116	<0.00116	—	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00120	<0.00120	—	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00113	<0.00113	—	<0.00113	<0.00227	<0.00113	<0.00113	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	0.0192	0.102	—	0.0232	0.463	<0.00111	<0.00111	<0.00111
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.115	2.52	0.360	<0.115	2.57	<0.115	<0.115	<0.115
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530
FO	FO-0.5-2	3/30/2004	0.5'-2'	<0.00132	<0.00132	—	<0.00132	<0.00264	<0.00132	0.0416	<0.00132
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	<0.113	—	<0.113	<0.340	<0.113	<0.113	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00227	<0.00114	<0.00114	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00110	<0.00110	—	<0.00110	<0.00219	<0.00110	<0.00110	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	—	<0.00109	<0.00218	<0.00109	<0.00109	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	BTEX (milligrams per kilogram)					Volatile Organic Compound's (milligrams per kilogram)		
				Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
				CAS	71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6
	Preliminary Screening Level			8.75E-03	0.26	16,000	0.92	16,000	38.46	371.31	1.68E-03
F5	SD-103	4/7/2004	1'-2.5'	<0.00108	<0.00108	—	<0.00108	<0.00217	<0.00108	<0.00108	<0.00108
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00110	<0.00110	—	0.00201	0.00272	<0.00110	<0.00110	<0.00110
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00117	<0.00117	—	0.00120	<0.00233	<0.00117	<0.00117	<0.00117
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00112	—	<0.00112	<0.00224	<0.00112	<0.00112	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00112	—	<0.00112	<0.00223	<0.00112	<0.00112	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	0.250	—	2.20	1.40	<0.117	<0.117	<0.117
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	<0.114	—	<0.114	<0.342	<0.114	<0.114	<0.114
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0115	<0.0115	—	<0.0115	<0.0230	<0.0115	<0.0115	<0.0115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00127	<0.00127	—	<0.00127	<0.00255	<0.00127	<0.00127	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00104	<0.00104	—	<0.00104	<0.00208	<0.00104	<0.00104	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00105	<0.00105	—	<0.00105	<0.00211	<0.00105	<0.00105	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00103	<0.00103	—	<0.00103	<0.00206	<0.00103	<0.00103	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00102	<0.00102	—	<0.00102	<0.00205	<0.00102	<0.00102	<0.00102
G0	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	<2.54	—	<2.54	<7.63	<2.54	<2.54	<2.54
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00227	<0.00114	<0.00114	<0.00114
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00112	<0.00112	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00116	<0.00116	—	<0.00116	<0.00231	<0.00116	<0.00116	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00130	<0.00130	—	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00116	<0.00116	—	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	0.00240	<0.00114	<0.00114	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00107	<0.00107	—	<0.00107	<0.00215	<0.00107	0.0344	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00106	<0.00106	—	<0.00106	<0.00213	<0.00106	<0.00106	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00223	<0.00111	<0.00111	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00105	<0.00105	—	<0.00105	<0.00210	<0.00105	<0.00105	<0.00105
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00108	<0.00108	—	<0.00108	<0.00216	<0.00108	0.00345	<0.00108
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00109	<0.00109	—	<0.00109	<0.00219	<0.00109	<0.00109	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00113	—	<0.00113	<0.00225	<0.00113	<0.00113	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00107	<0.00107	—	<0.00107	<0.00214	<0.00107	<0.00107	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00103	<0.00103	—	<0.00103	<0.00206	<0.00103	<0.00103	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00102	<0.00102	—	<0.00102	<0.00205	<0.00102	<0.00102	<0.00102
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00104	<0.00104	—	<0.00104	<0.00208	<0.00104	<0.00104	<0.00104
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00119	<0.00119	—	<0.00119	<0.00239	<0.00119	<0.00119	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00113	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00108	<0.00108	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00117	<0.00117	—	<0.00117	<0.00233	<0.00117	0.00509	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00103	<0.00103	—	<0.00103	<0.00206	<0.00103	<0.00103	<0.00103
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00106	<0.00106	—	<0.00106	<0.00212	<0.00106	<0.00106	<0.00106
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00102	<0.00102	—	<0.00102	<0.00204	<0.00102	<0.00102	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00110	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00112	<0.00112	—	<0.00112	<0.00223	<0.00112	<0.00112	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00228	<0.00114	0.00278	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	BTEX (milligrams per kilogram)					Volatile Organic Compound's (milligrams per kilogram)		
				Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
				CAS	71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6
	Preliminary Screening Level			8.75E-03	0.26	16,000	0.92	16,000	38.46	371.31	1.68E-03
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00106	<0.00106	—	<0.00106	<0.00211	<0.00106	<0.00106	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00116	<0.00116	—	<0.00116	<0.00231	<0.00116	<0.00116	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00111	<0.00111	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00112	<0.00112	—	<0.00112	0.00453	<0.00112	<0.00112	<0.00112
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00110	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	—	<0.00109	<0.00219	<0.00109	<0.00109	<0.00109
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00104	<0.00104	—	<0.00104	<0.00207	<0.00104	0.00172	<0.00104
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00109	0.00154	—	0.0369	0.0107	<0.00109	0.0168	<0.00109
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00150	<0.00150	0.00320	0.0280	—	<0.00150	<0.00150	<0.00150
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130	<0.00130	<0.00130
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.00119	<0.00119	—	<0.00119	<0.00237	<0.00119	<0.00119	<0.00119
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00120	<0.00120	—	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120
N2	N2-1-2	4/20/2004	1'-2'	<0.00111	<0.00111	—	<0.00111	<0.00223	<0.00111	<0.00111	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00115	<0.00115	—	<0.00115	<0.00231	<0.00115	<0.00115	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00133	<0.00133	—	<0.00133	<0.00265	<0.00133	<0.00133	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00118	<0.00118	—	<0.00118	<0.00237	<0.00118	<0.00118	<0.00118
N6	SD-108	3/23/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00170	—	0.0240	<0.00120
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	<0.00130	<0.00130	<0.00130	0.00260	<0.00185	—	0.00360	<0.00130
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130	<0.00130	<0.00130
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00104	<0.00104	—	<0.00104	<0.00209	<0.00104	<0.00104	<0.00104
P0	PO-0.5-2	3/26/2004	0.5'-2'	<0.00131	<0.00131	—	<0.00131	<0.00262	<0.00131	<0.00131	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00130	<0.00130	—	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00117	<0.00117	—	<0.00117	<0.00233	<0.00117	<0.00117	<0.00117
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00131	<0.00131	—	<0.00131	<0.00262	<0.00131	<0.00131	<0.00131
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00129	<0.00129	—	<0.00129	<0.00258	<0.00129	0.00300	<0.00129
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00124	<0.00124	—	<0.00124	<0.00249	<0.00124	<0.00124	<0.00124
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00113	<0.00113	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00107	<0.00107	—	0.0183	<0.00214	<0.00107	<0.00107	<0.00107
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	—	<0.00115	<0.00231	<0.00115	<0.00115	<0.00115
Q2	SD-109	4/6/2004	1'-2.5'	<0.00131	<0.00131	—	<0.00131	<0.00261	<0.00131	<0.00131	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00143	<0.00143	—	<0.00143	<0.00287	<0.00143	<0.00143	<0.00143
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00139	<0.00139	—	<0.00139	<0.00279	<0.00139	<0.00139	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00119	<0.00119	—	<0.00119	<0.00239	<0.00119	<0.00119	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00114	<0.00114	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00137	<0.00137	—	0.00144	<0.00274	<0.00137	<0.00137	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00131	<0.00131	—	<0.00131	<0.00262	<0.00131	<0.00131	<0.00131
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00154	<0.00154	—	<0.00154	<0.00307	<0.00154	<0.00154	<0.00154
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00140	<0.00140	—	<0.00140	<0.00281	<0.00140	<0.00140	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00116	<0.00116	—	<0.00116	<0.00233	<0.00116	<0.00116	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.00110	<0.00110	—	<0.00110	<0.00221	<0.00110	<0.00110	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00132	<0.00132	—	<0.00132	<0.00263	<0.00132	<0.00132	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00114	<0.00114	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	0.00190	<0.00130	<0.00130	0.00370	<0.000710	<0.00130	<0.00130	<0.00130
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.000560	<0.00110	<0.00110	<0.00110
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.000560	<0.00110	<0.00110	<0.00110
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00141	<0.00141	—	<0.00141	<0.00282	<0.00141	<0.00141	<0.00141

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	BTEX (milligrams per kilogram)					Volatile Organic Compound's (milligrams per kilogram)		
				Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
				CAS	71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6
	Preliminary Screening Level			8.75E-03	0.26	16,000	0.92	16,000	38.46	371.31	1.68E-03
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00116	<0.00116	—	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	—	<0.00109	<0.00219	<0.00109	<0.00109	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00114	<0.00114	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.00113	<0.00113	—	0.00316	0.00628	<0.00113	<0.00113	<0.00113
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00110	0.00163	—	<0.00110	0.00334	<0.00110	<0.00110	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00108	<0.00108	—	0.00115	<0.00216	<0.00108	<0.00108	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00110	—	<0.00110	0.00325	<0.00110	<0.00110	<0.00110
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00114	<0.00114	—	<0.00114	0.00375	<0.00114	<0.00114	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00116	<0.00116	—	<0.00116	<0.00233	<0.00116	<0.00116	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00118	<0.00118	—	<0.00118	0.00361	<0.00118	<0.00118	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	—	<0.00110	<0.00221	<0.00110	<0.00110	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00112	<0.00112	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00119	<0.00119	—	<0.00119	<0.00238	<0.00119	<0.00119	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00113	<0.00113	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00129	<0.00129	—	<0.00129	<0.00258	<0.00129	<0.00129	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00115	<0.00115	—	<0.00115	<0.00229	<0.00115	<0.00115	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00123	<0.00123	—	<0.00123	<0.00245	<0.00123	<0.00123	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00120	<0.00120	—	<0.00120	<0.00241	<0.00120	<0.00120	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00120	<0.00120	0.00140	—	<0.00120	0.00210	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00198	<0.00527	—	<0.00198	<0.0132	<0.00659	<0.00329	<0.00659
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00185	<0.00493	—	<0.00185	<0.0123	<0.00617	<0.00308	<0.00617
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00166	<0.00442	—	<0.00166	<0.0110	<0.00552	<0.00276	<0.00552
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00176	<0.00468	—	<0.00176	<0.0117	<0.00585	<0.00293	<0.00585
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00167	<0.00446	—	<0.00167	<0.0112	<0.00558	<0.00279	<0.00558
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00188	<0.00502	—	<0.00188	<0.0125	<0.00627	<0.00314	<0.00627
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00170	<0.00453	—	<0.00170	<0.0113	<0.00566	<0.00283	<0.00566
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00179	<0.00477	—	<0.00179	<0.0119	<0.00597	<0.00298	<0.00597
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00164	<0.00437	—	<0.00164	<0.0109	<0.00546	<0.00273	<0.00546
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00205	<0.00547	—	<0.00205	<0.0137	<0.00684	<0.00342	<0.00684
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00164	<0.00438	—	<0.00164	<0.0110	<0.00548	<0.00274	<0.00548

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene
				CAS	79-00-5	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4
	Preliminary Screening Level			4.98E-03	175.44	25.13	—	20	0.03	800
A	A	3/17/2004	2'	<0.00145	<0.00232	<0.00348	<0.00579	<0.00579	<0.00579	<0.00579
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00213	<0.00213	<0.00106
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00240	<0.00240	<0.00120
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00128	<0.00128	<0.00128	<0.00128	<0.00256	<0.00256	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00229	<0.00229	<0.00114
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00239	<0.00239	0.00890
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00213	<0.00213	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00237	<0.00237	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00105	<0.00105	<0.00105	<0.00105	<0.00209	<0.00209	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580	<0.00230	<0.00120
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580	<0.00230	<0.00120
C	C	3/17/2004	2'	<0.00167	<0.00268	<0.00402	<0.00669	<0.00669	<0.00669	<0.00669
C0	CO-0.5-2	3/30/2004	0.5'-2'	<0.00128	<0.00128	<0.00128	<0.00128	<0.00256	<0.00256	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00239	<0.00239	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	0.00149
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00227	<0.00227	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00236	<0.00236	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00215	<0.00215	<0.00108
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00226	<0.00226	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108
D	D	3/17/2004	2'	<0.00144	<0.00231	<0.00346	<0.00577	<0.00577	<0.00577	<0.00577
D0	DO-0.5-2	3/30/2004	0.5'-2'	—	<0.00114	<0.00114	<0.00114	<0.00228	—	<0.00114
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00225	<0.00225	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00217	<0.00217	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00234	<0.00234	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00238	<0.00238	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00223	<0.00223	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00224	<0.00224	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—
E0	EO-0.5-2	3/31/2004	0.5'-2'	<0.00132	<0.00132	<0.00132	<0.00132	<0.00263	<0.00263	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00129	<0.00129	<0.00129	<0.00129	<0.00257	<0.00257	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00232	<0.00232	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00240	<0.00240	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00227	<0.00227	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00222	<0.00222	0.292
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115	10.3D
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000560	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000560	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000560	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550
F0	FO-0.5-2	3/30/2004	0.5'-2'	<0.00132	0.0105	<0.00132	<0.00132	<0.00264	<0.00264	<0.00132
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	<0.113	<0.113	<0.113	<0.113	<0.113	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00227	<0.00227	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00219	<0.00219	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00218	<0.00218	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene
				CAS	79-00-5	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4
	Preliminary Screening Level			4.98E-03	175.44	25.13	—	20	0.03	800
F5	SD-103	4/7/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00217	<0.00217	<0.00108
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00222	<0.00222	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	0.00174
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00224	<0.00224	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00223	<0.00223	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	<0.117	<0.117	<0.117	<0.117	<0.117	0.130
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	0.0262	<0.0115	<0.0115	<0.0115	<0.0230	<0.0230	<0.0115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00127	<0.00127	<0.00127	<0.00127	<0.00255	<0.00255	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00104	<0.00104	<0.00104	<0.00104	<0.00208	<0.00208	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00105	<0.00105	<0.00105	<0.00105	<0.00211	<0.00211	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00103	<0.00103	<0.00103	<0.00103	<0.00206	<0.00206	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00102	<0.00102	<0.00102	<0.00102	<0.00205	<0.00205	<0.00102
GO	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00227	<0.00227	<0.00114
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00225	<0.00225	<0.00112
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00231	<0.00231	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00260	<0.00260	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00229	<0.00229	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00232	<0.00232	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00229	<0.00229	<0.00114
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00107	<0.00107	<0.00107	<0.00107	<0.00215	<0.00215	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00213	<0.00213	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00217	<0.00217	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00223	<0.00223	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00221	<0.00221	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00105	<0.00105	<0.00105	<0.00105	<0.00210	<0.00210	<0.00105
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00219	<0.00219	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00225	<0.00225	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00107	<0.00107	<0.00107	<0.00107	<0.00214	<0.00214	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00103	<0.00103	<0.00103	<0.00103	<0.00206	<0.00206	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00102	<0.00102	<0.00102	<0.00102	<0.00205	<0.00205	<0.00102
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00104	<0.00104	<0.00104	<0.00104	<0.00208	<0.00208	<0.00104
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00239	<0.00239	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00226	<0.00226	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00103	<0.00103	<0.00103	<0.00103	<0.00206	<0.00206	<0.00103
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00212	<0.00212	<0.00106
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00221	<0.00221	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00102	<0.00102	<0.00102	<0.00102	<0.00204	<0.00204	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00223	<0.00223	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene
				CAS	79-00-5	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4
	Preliminary Screening Level			4.98E-03	175.44	25.13	—	20	0.03	800
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00211	<0.00211	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00231	<0.00231	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00222	<0.00222	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00225	<0.00225	0.00119
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00219	<0.00219	0.00615
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00104	<0.00104	<0.00104	<0.00104	<0.00207	<0.00207	<0.00104
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00109	0.0103	<0.00109	<0.00109	<0.00217	<0.00217	0.00161
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00150	<0.00150	<0.00150	<0.00150	<0.00740	<0.00300	<0.00150
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00670	<0.00270	<0.00130
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00237	<0.00237	<0.00119
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00240	<0.00240	<0.00120
N2	N2-1-2	4/20/2004	1'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00223	<0.00223	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00231	<0.00231	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00133	<0.00133	<0.00133	<0.00133	<0.00265	<0.00265	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00237	<0.00237	<0.00118
N6	N6-0.5-2	3/23/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00221	<0.00221	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00229	<0.00229	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	<0.00120	<0.00120	<0.00120	—	—	—	—
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	<0.00130	<0.00130	<0.00130	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00670	<0.00270	<0.00130
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00104	<0.00104	<0.00104	<0.00104	<0.00209	<0.00209	<0.00104
P0	PO-0.5-2	3/26/2004	0.5'-2'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00262	<0.00262	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00260	<0.00260	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00262	<0.00262	<0.00131
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00129	<0.00129	<0.00129	<0.00129	<0.00258	<0.00258	<0.00129
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00124	<0.00124	<0.00124	<0.00124	<0.00249	<0.00249	<0.00124
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00226	<0.00226	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00107	<0.00107	<0.00107	<0.00107	<0.00214	<0.00214	<0.00107
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00231	<0.00231	0.00174
Q2	SD-109	4/6/2004	1'-2.5'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00261	<0.00261	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00143	<0.00143	<0.00143	<0.00143	<0.00287	<0.00287	<0.00143
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00139	<0.00139	<0.00139	<0.00139	<0.00279	<0.00279	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00239	<0.00239	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00221	<0.00221	0.0113
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00137	<0.00137	<0.00137	<0.00137	<0.00274	<0.00274	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00262	<0.00262	<0.00131
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00222	<0.00222	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00154	<0.00154	<0.00154	<0.00154	<0.00307	<0.00307	<0.00154
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00281	<0.00281	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00233	<0.00233	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00221	<0.00221	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00217	<0.00217	<0.00109
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00132	<0.00132	<0.00132	<0.00132	<0.00263	<0.00263	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00670	<0.00270	<0.00130
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00530	<0.00210	<0.00110
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00530	<0.00210	<0.00110
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00141	<0.00141	<0.00141	<0.00141	<0.00282	<0.00282	<0.00141

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene
CAS				79-00-5	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6
Preliminary Screening Level				4.98E-03	175.44	25.13	—	20	0.03	800
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00232	<0.00232	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00219	<0.00219	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	<0.00110
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000560	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00225	<0.00225	0.00154
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00219	<0.00219	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	0.00112
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00228	<0.00228	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00233	<0.00233	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00237	<0.00237	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00221	<0.00221	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00225	<0.00225	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00222	<0.00222	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00238	<0.00238	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00226	<0.00226	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00129	<0.00129	<0.00129	<0.00129	<0.00258	<0.00258	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00229	<0.00229	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00123	<0.00123	<0.00123	<0.00123	<0.00245	<0.00245	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00241	<0.00241	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00600	<0.00240	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00165	<0.00264	<0.00395	<0.00659	<0.00659	<0.00659	<0.00659
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00154	<0.00247	<0.00370	<0.00617	<0.00617	<0.00617	<0.00617
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00138	<0.00221	<0.00331	<0.00552	<0.00552	<0.00552	<0.00552
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00146	<0.00234	<0.00351	<0.00585	<0.00585	<0.00585	<0.00585
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00140	<0.00223	<0.00335	<0.00558	<0.00558	<0.00558	<0.00558
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00157	<0.00251	<0.00376	<0.00627	<0.00627	<0.00627	<0.00627
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00142	<0.00227	<0.00340	<0.00566	<0.00566	<0.00566	<0.00566
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00149	<0.00239	<0.00358	<0.00597	<0.00597	<0.00597	<0.00597
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00137	<0.00219	<0.00328	<0.00546	<0.00546	<0.00546	<0.00546
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00171	<0.00274	<0.00410	<0.00684	<0.00684	<0.00684	<0.00684
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00137	<0.00219	<0.00329	<0.00548	<0.00548	<0.00548	<0.00548

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	2,2-Dichloropropane	2-Chloroethyl vinyl ether
				CAS	96-12-8	107-06-2	78-87-5	108-67-8	142-28-9	594-20-7
Preliminary Screening Level				1.25	0.35	0.02	800	—	—	—
A	A	3/17/2004	2'	<0.0116	<0.00145	<0.00579	<0.00579	<0.00579	<0.0116	—
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.0106	<0.00106	<0.00106	<0.00106	<0.00106	<0.0106	—
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.0120	—	<0.00120	—	—	<0.0120	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.0128	<0.00128	<0.00128	<0.00128	<0.00128	<0.0128	—
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.0119	<0.00119	<0.00119	0.00247	<0.00119	<0.0119	—
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.0106	<0.00106	<0.00106	<0.00106	<0.00106	<0.0106	—
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.0118	<0.00118	<0.00118	<0.00118	<0.00118	<0.0118	—
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.0105	<0.00105	<0.00105	<0.00105	<0.00105	<0.0105	—
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00580	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00580	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580
C	C	3/17/2004	2'	<0.0134	<0.00167	<0.00669	<0.00669	<0.00669	<0.0134	—
C0	CO-0.5-2	3/30/2004	0.5'-2'	<0.0128	<0.00128	<0.00128	<0.00128	<0.00128	<0.0128	—
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.0120	<0.00120	<0.00120	<0.00120	<0.00120	<0.0120	—
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.0118	<0.00118	<0.00118	<0.00118	<0.00118	<0.0118	—
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
D	D	3/17/2004	2'	<0.0115	<0.00144	<0.00577	<0.00577	<0.00577	<0.0115	—
D0	DO-0.5-2	3/30/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.0117	<0.00117	<0.00117	<0.00117	<0.00117	<0.0117	—
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.0119	<0.00119	<0.00119	<0.00119	<0.00119	<0.0119	—
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—
E0	EO-0.5-2	3/31/2004	0.5'-2'	<0.0132	<0.00132	<0.00132	<0.00132	<0.00132	<0.0132	—
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.0129	<0.00129	<0.00129	<0.00129	<0.00129	<0.0129	—
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.0120	<0.00120	<0.00120	<0.00120	<0.00120	<0.0120	—
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	0.189	<0.00111	<0.0111	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.574	<0.115	<0.115	3.52	<0.115	<0.115	—
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000660	<0.000560	<0.000470	<0.000540	<0.000590	<0.000530	—
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000660	<0.000560	<0.000470	<0.000540	<0.000590	<0.000530	—
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000660	<0.000560	<0.000470	<0.000540	<0.000590	<0.000530	—
FO	FO-0.5-2	3/30/2004	0.5'-2'	<0.0132	<0.00132	<0.00132	<0.00132	<0.00132	<0.0132	—
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.566	<0.113	<0.113	<0.113	<0.113	<0.113	—
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	
				CAS	96-12-8	107-06-2	78-87-5	108-67-8	142-28-9	594-20-7	110-75-8
Preliminary Screening Level				1.25	0.35	0.02	800	—	—	—	
F5	SD-103	4/7/2004	1'-2.5'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.0117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.0117	—
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.586	<0.117	<0.117	<0.117	<0.117	<0.117	<0.117	—
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.571	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114	—
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.115	<0.0115	<0.0115	<0.0115	<0.0115	<0.0115	<0.115	—
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.0127	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	<0.0127	—
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.0104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.0104	—
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.0105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.0105	—
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.0103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.0103	—
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.0102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.0102	—
G0	GO-0.5-2	3/30/2004	0.5'-2'	<12.7	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54	—
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.0130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.0130	—
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.0107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.0107	—
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.0106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.0106	—
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.0105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.0105	—
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.0107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.0107	—
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.0103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.0103	—
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.0102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.0102	—
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.0104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.0104	—
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.0119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.0119	—
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.0117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.0117	—
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.0103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.0103	—
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.0106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.0106	—
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.0102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.0102	—
L5	L5-1-3	4/1/2004	1'-3'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	2,2-Dichloropropane	2-Chloroethyl vinyl ether
				CAS	96-12-8	107-06-2	78-87-5	108-67-8	142-28-9	594-20-7
Preliminary Screening Level				1.25	0.35	0.02	800	—	—	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.0106	<0.00106	<0.00106	<0.00106	<0.00106	<0.0106	—
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.0109	<0.00109	<0.00109	0.00165	<0.00109	<0.0109	—
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.0104	<0.00104	<0.00104	<0.00104	<0.00104	<0.0104	—
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00740	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00740
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00670J	<0.00130	<0.00130	<0.00130	<0.00130J	<0.00130	<0.00670J
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.0119	<0.00119	<0.00119	<0.00119	<0.00119	<0.0119	—
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.0120	<0.00120	<0.00120	<0.00120	<0.00120	<0.0120	—
N2	N2-1-2	4/20/2004	1'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.0133	<0.00133	<0.00133	<0.00133	<0.00133	<0.0133	—
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.0118	<0.00118	<0.00118	<0.00118	<0.00118	<0.0118	—
N6	N6-0.5-2	3/23/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	—	<0.00120	<0.00120	—	—	—	<0.00590
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	—	<0.00130	<0.00130	—	—	—	<0.00650
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00670	<0.00130J	<0.00130	<0.00130	<0.00130	<0.00130	<0.00670J
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.0104	<0.00104	<0.00104	<0.00104	<0.00104	<0.0104	—
P0	PO-0.5-2	3/26/2004	0.5'-2'	<0.0131	<0.00131	<0.00131	<0.00131	<0.00131	<0.0131	—
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.0130	<0.00130	<0.00130	<0.00130	<0.00130	<0.0130	—
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.0117	<0.00117	<0.00117	<0.00117	<0.00117	<0.0117	—
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.0131	<0.00131	<0.00131	<0.00131	<0.00131	<0.0131	—
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.0129	<0.00129	<0.00129	<0.00129	<0.00129	<0.0129	—
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.0124	<0.00124	<0.00124	<0.00124	<0.00124	<0.0124	—
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.0107	<0.00107	<0.00107	<0.00107	<0.00107	<0.0107	—
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
Q2	SD-109	4/6/2004	1'-2.5'	<0.0131	<0.00131	<0.00131	<0.00131	<0.00131	<0.0131	—
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.0143	<0.00143	<0.00143	<0.00143	<0.00143	<0.0143	—
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.0139	<0.00139	<0.00139	<0.00139	<0.00139	<0.0139	—
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.0119	<0.00119	<0.00119	<0.00119	<0.00119	<0.0119	—
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	0.0120	<0.00111	<0.0111	—
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.0137	<0.00137	<0.00137	<0.00137	<0.00137	<0.0137	—
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.0131	<0.00131	<0.00131	<0.00131	<0.00131	<0.0131	—
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.0154	<0.00154	<0.00154	<0.00154	<0.00154	<0.0154	—
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.0140	<0.00140	<0.00140	<0.00140	<0.00140	<0.0140	—
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.0132	<0.00132	<0.00132	<0.00132	<0.00132	<0.0132	—
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00670	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00670
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00530	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00530
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00530	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00530
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.0141	<0.00141	<0.00141	<0.00141	<0.00141	<0.0141	—

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	2,2-Dichloropropane	2-Chloroethyl vinyl ether
				CAS	96-12-8	107-06-2	78-87-5	108-67-8	142-28-9	594-20-7
Preliminary Screening Level				1.25	0.35	0.02	800	—	—	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.0109	<0.00109	<0.00109	<0.00109	<0.00109	<0.0109	—
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000660	<0.000560	<0.000470	<0.000540	<0.000590	<0.000530	—
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.0108	<0.00108	<0.00108	<0.00108	<0.00108	<0.0108	—
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.0114	<0.00114	<0.00114	<0.00114	<0.00114	<0.0114	—
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.0116	<0.00116	<0.00116	<0.00116	<0.00116	<0.0116	—
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.0118	<0.00118	<0.00118	<0.00118	<0.00118	<0.0118	—
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.0110	<0.00110	<0.00110	<0.00110	<0.00110	<0.0110	—
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.0112	<0.00112	<0.00112	<0.00112	<0.00112	<0.0112	—
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.0111	<0.00111	<0.00111	<0.00111	<0.00111	<0.0111	—
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.0119	<0.00119	<0.00119	<0.00119	<0.00119	<0.0119	—
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.0113	<0.00113	<0.00113	<0.00113	<0.00113	<0.0113	—
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.0129	<0.00129	<0.00129	<0.00129	<0.00129	<0.0129	—
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.0115	<0.00115	<0.00115	<0.00115	<0.00115	<0.0115	—
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.0123	<0.00123	<0.00123	<0.00123	<0.00123	<0.0123	—
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.0120	<0.00120	<0.00120	<0.00120	<0.00120	<0.0120	—
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00600	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00600
WVET-2	WVET-2	4/5/2004	3'-3'	<0.0132	<0.00165	<0.00659	<0.00659	<0.00659	<0.0132	—
WVET-3	WVET-3	4/5/2004	3'-3'	<0.0123	<0.00154	<0.00617	<0.00617	<0.00617	<0.0123	—
WVET-7	WVET-7	5/12/2004	3'-3'	<0.0110	<0.00138	<0.00552	<0.00552	<0.00552	<0.0110	—
WVET-8	WVET-8	5/12/2004	3'-3'	<0.0117	<0.00146	<0.00585	<0.00585	<0.00585	<0.0117	—
WVET-9	WVET-9	5/12/2004	3'-3'	<0.0112	<0.00140	<0.00558	<0.00558	<0.00558	<0.0112	—
WVET-10	WVET-10	5/12/2004	3'-3'	<0.0125	<0.00157	<0.00627	<0.00627	<0.00627	<0.0125	—
WVET-12	WVET-12	5/28/2004	3'-3'	<0.0113	<0.00142	<0.00566	<0.00566	<0.00566	<0.0113	—
WVET-13	WVET-13	5/28/2004	3'-3'	<0.0119	<0.00149	<0.00597	<0.00597	<0.00597	<0.0119	—
WVET-14	WVET-14	5/28/2004	3'-3'	<0.0109	<0.00137	<0.00546	<0.00546	<0.00546	<0.0109	—
WVET-15	WVET-15	5/28/2004	3'-3'	<0.0137	<0.00171	<0.00684	<0.00684	<0.00684	<0.0137	—
WVET-16	WVET-16	5/28/2004	3'-3'	<0.0110	<0.00137	<0.00548	<0.00548	<0.00548	<0.0110	—

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane
				95-49-8	591-78-6	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5
CAS				95-49-8	591-78-6	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5
Preliminary Screening Level				1,600	400	—	—	72,000	40	1.85	640	—
A	A	3/17/2004	2'	<0.00579	<0.0232	<0.00579	<0.00579	<0.0348	—	—	<0.00579	<0.00579
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00532	<0.00106	<0.00106	<0.0213	—	—	<0.00106	<0.00106
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00600	—	<0.00120	<0.0240	—	—	—	<0.00120
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00128	<0.00639	<0.00128	<0.00128	<0.0256	—	—	<0.00128	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0229	—	—	<0.00114	<0.00114
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00115	<0.00575	<0.00115	<0.00115	<0.0230	—	—	<0.00115	<0.00115
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00119	<0.00597	<0.00119	<0.00119	<0.0239	—	—	<0.00119	<0.00119
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00532	<0.00106	<0.00106	<0.0213	—	—	<0.00106	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00118	<0.00592	<0.00118	<0.00118	<0.0237	—	—	<0.00118	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00105	<0.00523	<0.00105	<0.00105	<0.0209	—	—	<0.00105	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00580	<0.00120	<0.00120	<0.00580	<0.0580	<0.00580	<0.00120	<0.00120
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00580	<0.00120	<0.00120	<0.00580	<0.0580	<0.00580	<0.00120	<0.00120
C	C	3/17/2004	2'	<0.00669	<0.0268	<0.00669	<0.00669	0.459	—	—	<0.00669	<0.00669
C0	C0-0.5-2	3/30/2004	0.5'-2'	<0.00128	<0.00639	<0.00128	<0.00128	<0.0256	—	—	<0.00128	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00598	<0.00120	<0.00120	<0.0239	—	—	<0.00120	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00110	<0.00550	<0.00110	<0.00110	<0.0220	—	—	<0.00110	<0.00110
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00114	<0.00568	<0.00114	<0.00114	<0.0227	—	—	<0.00114	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00118	<0.00590	<0.00118	<0.00118	0.101	—	—	<0.00118	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00108	<0.00538	<0.00108	<0.00108	<0.0215	—	—	<0.00108	<0.00108
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00113	<0.00564	<0.00113	<0.00113	0.116	—	—	<0.00113	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00574	<0.00115	<0.00115	0.123	—	—	<0.00115	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00541	<0.00108	<0.00108	<0.0216	—	—	<0.00108	<0.00108
D	D	3/17/2004	2'	<0.00577	<0.0231	<0.00577	<0.00577	0.118	—	—	<0.00577	<0.00577
D0	D0-0.5-2	3/30/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00112	<0.00562	<0.00112	<0.00112	<0.0225	—	—	<0.00112	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00109	<0.00543	<0.00109	<0.00109	<0.0217	—	—	<0.00109	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00117	<0.00584	<0.00117	<0.00117	0.0511	—	—	<0.00117	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00119	<0.00595	<0.00119	<0.00119	<0.0238	—	—	<0.00119	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00111	<0.00557	<0.00111	<0.00111	<0.0223	—	—	<0.00111	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00112	<0.00561	<0.00112	<0.00112	0.0709	—	—	<0.00112	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—	—	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	<0.00132	<0.00658	<0.00132	<0.00132	<0.0263	—	—	<0.00132	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00129	<0.00644	<0.00129	<0.00129	0.0405	—	—	<0.00129	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00115	<0.00574	<0.00115	<0.00115	<0.0230	—	—	<0.00115	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00116	<0.00580	<0.00116	<0.00116	<0.0232	—	—	<0.00116	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00120	<0.00600	<0.00120	<0.00120	<0.0240	—	—	<0.00120	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00113	<0.00566	<0.00113	<0.00113	<0.0227	—	—	<0.00113	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.00111	<0.00556	<0.00111	0.153	0.0724	—	—	<0.00111	<0.00111
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.115	<1.15	<0.115	0.990	<1.15	—	—	<0.115	<0.115
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000500	<0.00235	<0.000600	<0.000620	<0.00203	—	—	<0.000540	<0.000600
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000500	<0.00235	<0.000600	<0.000620	<0.00203	—	—	<0.000540	<0.000600
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000500	<0.00235	<0.000600	<0.000620	0.135	—	—	<0.000540	<0.000600
F0	F0-0.5-2	3/30/2004	0.5'-2'	<0.00132	<0.00661	<0.00132	<0.00132	<0.0264	—	—	<0.00132	<0.00132
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	<1.13	<0.113	<0.113	<0.113	—	—	<0.113	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00114	<0.00568	<0.00114	<0.00114	<0.0227	—	—	<0.00114	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00110	<0.00548	<0.00110	<0.00110	<0.0219	—	—	<0.00110	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00544	<0.00109	<0.00109	<0.0218	—	—	<0.00109	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane
				CAS 95-49-8	591-78-6	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5
Preliminary Screening Level				1,600	400	—	—	72,000	40	1.85	640	—
F5	SD-103	4/7/2004	1'-2.5'	<0.00108	<0.00542	<0.00108	<0.00108	<0.0217	—	—	<0.00108	<0.00108
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00111	<0.00556	<0.00111	<0.00111	<0.0222	—	—	<0.00111	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00110	<0.00550	<0.00110	<0.00110	<0.0220	—	—	<0.00110	<0.00110
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00117	<0.00583	<0.00117	<0.00117	<0.0233	—	—	<0.00117	<0.00117
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00561	<0.00112	<0.00112	<0.0224	—	—	<0.00112	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00558	<0.00112	<0.00112	<0.0223	—	—	<0.00112	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	<1.17	<0.117	<0.117	<1.17	—	—	<0.117	<0.117
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	<1.14	<0.114	<0.114	<1.14	—	—	<0.114	<0.114
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0115	<0.0576	<0.0115	<0.0115	<0.230	—	—	<0.0115	<0.0115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00127	<0.00637	<0.00127	<0.00127	<0.0255	—	—	<0.00127	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00104	<0.00521	<0.00104	<0.00104	<0.0208	—	—	<0.00104	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00105	<0.00527	<0.00105	<0.00105	<0.0211	—	—	<0.00105	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00103	<0.00515	<0.00103	<0.00103	<0.0206	—	—	<0.00103	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00102	<0.00512	<0.00102	<0.00102	<0.0205	—	—	<0.00102	<0.00102
G0	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	<25.4	<2.54	<2.54	<25.4	—	—	<2.54	<2.54
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00114	<0.00568	<0.00114	<0.00114	<0.0227	—	—	<0.00114	<0.00114
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00112	<0.00562	<0.00112	<0.00112	<0.0225	—	—	<0.00112	<0.00112
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00116	<0.00578	<0.00116	<0.00116	<0.0231	—	—	<0.00116	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00130	<0.00651	<0.00130	<0.00130	0.128	—	—	<0.00130	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00572	<0.00114	<0.00114	<0.0229	—	—	<0.00114	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00116	<0.00579	<0.00116	<0.00116	<0.0232	—	—	<0.00116	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00114	<0.00569	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0229	—	—	<0.00114	<0.00114
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00107	<0.00536	<0.00107	<0.00107	<0.0215	—	—	<0.00107	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00106	<0.00532	<0.00106	<0.00106	<0.0213	—	—	<0.00106	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00543	<0.00109	<0.00109	<0.0217	—	—	<0.00109	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00115	<0.00575	<0.00115	<0.00115	<0.0230	—	—	<0.00115	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00115	<0.00576	<0.00115	<0.00115	<0.0230	—	—	<0.00115	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00111	<0.00557	<0.00111	<0.00111	0.0569	—	—	<0.00111	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00111	<0.00554	<0.00111	<0.00111	<0.0221	—	—	<0.00111	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00105	<0.00525	<0.00105	<0.00105	<0.0210	—	—	<0.00105	<0.00105
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00108	<0.00539	<0.00108	<0.00108	<0.0216	—	—	<0.00108	<0.00108
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00109	<0.00546	<0.00109	<0.00109	<0.0219	—	—	<0.00109	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00115	<0.00575	<0.00115	<0.00115	<0.0230	—	—	<0.00115	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00563	<0.00113	<0.00113	<0.0225	—	—	<0.00113	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00107	<0.00535	<0.00107	<0.00107	<0.0214	—	—	<0.00107	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00103	<0.00515	<0.00103	<0.00103	<0.0206	—	—	<0.00103	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00102	<0.00512	<0.00102	<0.00102	<0.0205	—	—	<0.00102	<0.00102
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00104	<0.00521	<0.00104	<0.00104	<0.0208	—	—	<0.00104	<0.00104
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00119	<0.00597	<0.00119	<0.00119	<0.0239	—	—	<0.00119	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00564	<0.00113	<0.00113	<0.0226	—	—	<0.00113	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00108	<0.00539	<0.00108	<0.00108	<0.0216	—	—	<0.00108	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00117	<0.00583	<0.00117	<0.00117	<0.0233	—	—	<0.00117	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00103	<0.00515	<0.00103	<0.00103	<0.0206	—	—	<0.00103	<0.00103
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00106	<0.00530	<0.00106	<0.00106	<0.0212	—	—	<0.00106	<0.00106
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00111	<0.00553	<0.00111	<0.00111	<0.0221	—	—	<0.00111	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00102	<0.00510	<0.00102	<0.00102	<0.0204	—	—	<0.00102	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	<0.00115	<0.00576	<0.00115	<0.00115	0.0264	—	—	<0.00115	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00549	<0.00110	<0.00110	<0.0220	—	—	<0.00110	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00112	<0.00559	<0.00112	<0.00112	<0.0223	—	—	<0.00112	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00114	<0.00570	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane
				CAS	95-49-8	591-78-6	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1
Preliminary Screening Level				1,600	400	—	—	72,000	40	1.85	640	—
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00106	<0.00528	<0.00106	<0.00106	<0.0211	—	—	<0.00106	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00116	<0.00578	<0.00116	<0.00116	<0.0231	—	—	<0.00116	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00111	<0.00555	<0.00111	<0.00111	<0.0222	—	—	<0.00111	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00540	<0.00108	<0.00108	<0.0216	—	—	<0.00108	<0.00108
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00112	<0.00562	<0.00112	<0.00112	0.120	—	—	<0.00112	<0.00112
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00551	<0.00110	<0.00110	0.0231	—	—	<0.00110	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00546	<0.00109	<0.00109	<0.0219	—	—	<0.00109	<0.00109
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00104	<0.00518	<0.00104	<0.00104	<0.0207	—	—	<0.00104	<0.00104
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00109	<0.00543	<0.00109	<0.00109	<0.0217	—	—	<0.00109	<0.00109
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00150	<0.00740	<0.00150	<0.00150	0.0400	<0.0740	<0.00740	<0.00150	<0.00150
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00130	<0.00670	<0.00130	<0.00130	0.110	<0.0670	<0.00670	<0.00130	<0.00130
N0	N0-0.5-2	3/26/2004	0.5'-2'	<0.00119	<0.00593	<0.00119	<0.00119	<0.0237	—	—	<0.00119	<0.00119
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00120	<0.00599	<0.00120	<0.00120	<0.0240	—	—	<0.00120	<0.00120
N2	N2-1-2	4/20/2004	1'-2'	<0.00111	<0.00557	<0.00111	<0.00111	<0.0223	—	—	<0.00111	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00115	<0.00577	<0.00115	<0.00115	<0.0231	—	—	<0.00115	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00133	<0.00663	<0.00133	<0.00133	<0.0265	—	—	<0.00133	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00118	<0.00592	<0.00118	<0.00118	<0.0237	—	—	<0.00118	<0.00118
N6	N6-0.5-2	3/23/2004	0.5'-2'	<0.00111	<0.00554	<0.00111	<0.00111	0.0463	—	—	<0.00111	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0229	—	—	<0.00114	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	—	<0.00590	—	—	<0.00590	—	—	—	—
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	—	<0.00650	—	—	0.00720	—	—	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00130	<0.00670	<0.00130	<0.00130	0.0180	<0.0670	<0.00670	<0.00130	<0.00130
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00104	<0.00521	<0.00104	<0.00104	<0.0209	—	—	<0.00104	<0.00104
P0	P0-0.5-2	3/26/2004	0.5'-2'	<0.00131	<0.00655	<0.00131	<0.00131	<0.0262	—	—	<0.00131	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00130	<0.00651	<0.00130	<0.00130	<0.0260	—	—	<0.00130	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00117	<0.00583	<0.00117	<0.00117	<0.0233	—	—	<0.00117	<0.00117
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00131	<0.00655	<0.00131	<0.00131	<0.0262	—	—	<0.00131	<0.00131
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00129	<0.00646	<0.00129	<0.00129	<0.0258	—	—	<0.00129	<0.00129
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00124	<0.00622	<0.00124	<0.00124	<0.0249	—	—	<0.00124	<0.00124
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00113	<0.00564	<0.00113	<0.00113	<0.0226	—	—	<0.00113	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00115	<0.00575	<0.00115	<0.00115	<0.0230	—	—	<0.00115	<0.00115
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00107	<0.00536	<0.00107	<0.00107	<0.0214	—	—	<0.00107	<0.00107
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00577	<0.00115	<0.00115	0.105	—	—	<0.00115	<0.00115
Q2	SD-109	4/6/2004	1'-2.5'	<0.00131	<0.00654	<0.00131	<0.00131	<0.0261	—	—	<0.00131	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00143	<0.00717	<0.00143	<0.00143	<0.0287	—	—	<0.00143	<0.00143
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00139	<0.00696	<0.00139	<0.00139	<0.0279	—	—	<0.00139	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00119	<0.00597	<0.00119	<0.00119	<0.0239	—	—	<0.00119	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00554	<0.00111	<0.00111	0.0465	—	—	<0.00111	<0.00111
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00137	<0.00684	<0.00137	<0.00137	<0.0274	—	—	<0.00137	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00131	<0.00655	<0.00131	<0.00131	<0.0262	—	—	<0.00131	<0.00131
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00111	<0.00554	<0.00111	<0.00111	<0.0222	—	—	<0.00111	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00154	<0.00768	<0.00154	<0.00154	<0.0307	—	—	<0.00154	<0.00154
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00140	<0.00702	<0.00140	<0.00140	0.302	—	—	<0.00140	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00116	<0.00582	<0.00116	<0.00116	0.137	—	—	<0.00116	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.00110	<0.00552	<0.00110	<0.00110	<0.0221	—	—	<0.00110	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00543	<0.00109	<0.00109	<0.0217	—	—	<0.00109	<0.00109
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00132	<0.00658	<0.00132	<0.00132	<0.0263	—	—	<0.00132	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00114	<0.00571	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00130	<0.00670	<0.00130	<0.00130	<0.00670	<0.0670	<0.00670	<0.00130	<0.00130
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00530	<0.00110	<0.00110	<0.00530	<0.0530	<0.00530	<0.00110	<0.00110
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00530	<0.00110	<0.00110	<0.00530	<0.0530	<0.00530	<0.00110	<0.00110
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00141	<0.00704	<0.00141	<0.00141	0.250	—	—	<0.00141	<0.00141

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane
				95-49-8	591-78-6	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5
CAS				95-49-8	591-78-6	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5
Preliminary Screening Level				1,600	400	—	—	72,000	40	1.85	640	—
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00116	<0.00580	<0.00116	<0.00116	0.176	—	—	<0.00116	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00547	<0.00109	<0.00109	<0.0219	—	—	<0.00109	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00551	<0.00110	<0.00110	<0.0220	—	—	<0.00110	<0.00110
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000500	<0.00235	<0.000600	<0.000620	0.0808	—	—	<0.000540	<0.000600
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00114	<0.00569	<0.00114	<0.00114	<0.0228	—	—	<0.00114	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.00113	<0.00563	<0.00113	<0.00113	0.157	—	—	<0.00113	<0.00113
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00548	<0.00110	<0.00110	<0.0219	—	—	<0.00110	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00108	<0.00539	<0.00108	<0.00108	<0.0216	—	—	<0.00108	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00549	<0.00110	<0.00110	<0.0220	—	—	<0.00110	<0.00110
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00114	<0.00570	<0.00114	<0.00114	0.0859	—	—	<0.00114	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00116	<0.00581	<0.00116	<0.00116	0.0987	—	—	<0.00116	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00118	<0.00592	<0.00118	<0.00118	0.0766	—	—	<0.00118	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00551	<0.00110	<0.00110	<0.0221	—	—	<0.00110	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00112	<0.00562	<0.00112	<0.00112	<0.0225	—	—	<0.00112	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00554	<0.00111	<0.00111	<0.0222	—	—	<0.00111	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00119	<0.00594	<0.00119	<0.00119	<0.0238	—	—	<0.00119	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00113	<0.00564	<0.00113	<0.00113	<0.0226	—	—	<0.00113	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00129	<0.00646	<0.00129	<0.00129	<0.0258	—	—	<0.00129	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00115	<0.00573	<0.00115	<0.00115	<0.0229	—	—	<0.00115	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00123	<0.00613	<0.00123	<0.00123	<0.0245	—	—	<0.00123	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00120	<0.00602	<0.00120	<0.00120	<0.0241	—	—	<0.00120	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00600	<0.00120	<0.00120	<0.00600	<0.0600	<0.00600	<0.00120	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00659	<0.0264	<0.00659	<0.00659	<0.0395	—	—	<0.00659	<0.00659
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00617	<0.0247	<0.00617	<0.00617	<0.0370	—	—	<0.00617	<0.00617
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00552	<0.0221	<0.00552	<0.00552	<0.0331	—	—	<0.00552	<0.00552
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00585	<0.0234	<0.00585	<0.00585	<0.0351	—	—	<0.00585	<0.00585
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00558	<0.0223	<0.00558	<0.00558	<0.0335	—	—	<0.00558	<0.00558
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00627	<0.0251	<0.00627	<0.00627	<0.0376	—	—	<0.00627	<0.00627
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00566	<0.0227	<0.00566	<0.00566	<0.0340	—	—	<0.00566	<0.00566
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00597	<0.0239	<0.00597	<0.00597	<0.0358	—	—	<0.00597	<0.00597
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00546	<0.0219	<0.00546	<0.00546	<0.0328	—	—	<0.00546	<0.00546
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00684	<0.0274	<0.00684	<0.00684	<0.0410	—	—	<0.00684	<0.00684
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00548	<0.0219	<0.00548	<0.00548	<0.0329	—	—	<0.00548	<0.00548

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform
				74-96-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3
Preliminary Screening Level				—	0.08	1.20	8,000	2.91E-03	1.72	—	0.81
A	A	3/17/2004	2'	—	<0.00579	<0.0116	<0.00348	<0.00579	<0.00232	<0.00579	<0.00290
A1	A1-0.5-2	4/19/2004	0.5'-2'	—	<0.00106	<0.00213	<0.00106	<0.00106	<0.00106	<0.00426	<0.00213
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	<0.00120	<0.00240	<0.00120	<0.00120	—	<0.00480	<0.00120
B2	B2-0.5-2	4/9/2004	0.5'-2'	—	<0.00128	<0.00256	<0.00128	<0.00128	<0.00128	<0.00512	<0.00256
B3	B3-0.5-2	4/9/2004	0.5'-2'	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114	<0.00457	<0.00229
B4	B4-1-2.5	4/9/2004	1'-2.5'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00460	<0.00230
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	—	<0.00119	<0.00239	<0.00119	<0.00119	<0.00119	<0.00478	<0.00239
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	—	<0.00106	<0.00213	<0.00106	<0.00106	<0.00106	<0.00426	<0.00213
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	—	<0.00118	<0.00237	<0.00118	<0.00118	<0.00118	<0.00473	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	—	<0.00105	<0.00209	<0.00105	<0.00105	<0.00105	<0.00418	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00230	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00230	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
C	C	3/17/2004	2'	—	<0.00669	<0.0134	<0.00402	<0.00669	<0.00268	<0.00669	<0.00335
C0	C0-0.5-2	3/30/2004	0.5'-2'	—	<0.00128	<0.00256	<0.00128	<0.00128	<0.00128	<0.00512	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	—	<0.00120	<0.00239	<0.00120	<0.00120	0.0200	<0.00478	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00440	<0.00110
C3	C3-0.5-2	3/25/2004	0.5'-2'	—	<0.00114	<0.00227	<0.00114	<0.00114	<0.00114	<0.00454	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	—	<0.00118	<0.00236	<0.00118	<0.00118	<0.00118	<0.00472	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	—	<0.00108	<0.00215	<0.00108	<0.00108	<0.00108	<0.00430	<0.00215
C6	C6-0.5-2	4/9/2004	0.5'-2'	—	<0.00113	<0.00226	0.00132	<0.00113	<0.00113	<0.00451	<0.00226
C7	C7-0.5-2	3/31/2004	0.5'-2'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00459	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108	<0.00433	<0.00216
D	D	3/17/2004	2'	—	<0.00577	<0.0115	<0.00346	<0.00577	<0.00231	<0.00577	<0.00289
D0	D0-0.5-2	3/30/2004	0.5'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00457	0.00264
D1	D1-0.5-2	3/25/2004	0.5'-2'	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112	<0.00449	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109	<0.00434	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00457	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	—	<0.00117	<0.00234	<0.00117	<0.00117	0.00217	<0.00467	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	—	<0.00119	<0.00238	<0.00119	<0.00119	<0.00119	<0.00476	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	—	<0.00111	<0.00223	<0.00111	<0.00111	<0.00111	<0.00446	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	—	<0.00112	<0.00224	0.00156	<0.00112	<0.00112	<0.00448	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	—	<0.00132	<0.00263	<0.00132	<0.00132	<0.00132	<0.00526	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	—	<0.00129	<0.00257	<0.00129	<0.00129	<0.00129	<0.00515	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00459	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	—	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116	<0.00464	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	—	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00480	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	—	<0.00113	<0.00227	<0.00113	<0.00113	<0.00113	<0.00453	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	—	<0.00111	<0.00222	0.00307	<0.00111	<0.00111	<0.00445	<0.00111
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	—	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	—	<0.000420	<0.000420	<0.000770	<0.000520	<0.000540	<0.000470	<0.000510
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	—	<0.000420	<0.000420	<0.000770	<0.000520	<0.000540	<0.000470	<0.000510
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	—	<0.000420	<0.000420	<0.000770	<0.000520	<0.000540	<0.000470	<0.000510
FO	FO-0.5-2	3/30/2004	0.5'-2'	—	<0.00132	<0.00264	<0.00132	<0.00132	<0.00132	<0.00528	0.00246
F1	F1-0-0.5	3/19/2004	0'-0.5'	—	<0.113	<0.113	<0.113	<0.113	<0.113	<0.113	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	—	<0.00114	<0.00227	<0.00114	<0.00114	<0.00114	<0.00455	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	—	<0.00110	<0.00219	<0.00110	<0.00110	<0.00110	<0.00439	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	—	<0.00109	<0.00218	<0.00109	<0.00109	<0.00109	<0.00435	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform
				74-96-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3
CAS				74-96-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3
Preliminary Screening Level				—	0.08	1.20	8,000	2.91E-03	1.72	—	0.81
F5	SD-103	4/7/2004	1'-2.5'	—	<0.00108	<0.00217	<0.00108	<0.00108	<0.00108	<0.00433	<0.00108
F6	F6-0.5-2	3/22/2004	0.5'-2'	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111	<0.00444	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00440	<0.00110
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	—	<0.00117	<0.00233	<0.00117	<0.00117	0.00121	<0.00467	<0.00117
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	—	<0.00112	<0.00224	<0.00112	<0.00112	<0.00112	<0.00448	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	—	<0.00112	<0.00223	<0.00112	<0.00112	<0.00112	<0.00446	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	—	<0.117	<0.117	<0.117	<0.117	<0.117	<0.117	<0.117
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	—	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	—	<0.0115	<0.0230	<0.0115	<0.0115	<0.0115	<0.0461	0.0146
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	—	<0.00127	<0.00255	<0.00127	<0.00127	<0.00127	<0.00510	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	—	<0.00104	<0.00208	<0.00104	<0.00104	<0.00104	<0.00417	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	—	<0.00105	<0.00211	<0.00105	<0.00105	<0.00105	<0.00422	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	—	<0.00103	<0.00206	<0.00103	<0.00103	<0.00103	<0.00412	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	—	<0.00102	<0.00205	<0.00102	<0.00102	<0.00102	<0.00410	<0.00102
G0	GO-0.5-2	3/30/2004	0.5'-2'	—	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54
G1	G1-0.5-2	3/16/2004	0.5'-2'	—	<0.00114	<0.00227	<0.00114	<0.00114	<0.00114	<0.00455	<0.00114
G2	G2-0.5-2	3/16/2004	0.5'-2'	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112	<0.00450	<0.00112
G3	G3-0.5-2	3/16/2004	0.5'-2'	—	<0.00116	<0.00231	<0.00116	<0.00116	<0.00116	<0.00462	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	—	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00521	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114	<0.00458	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	—	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116	<0.00463	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00455	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114	<0.00457	<0.00114
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	—	<0.00107	<0.00215	<0.00107	<0.00107	<0.00107	<0.00429	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	—	<0.00106	<0.00213	<0.00106	<0.00106	<0.00106	<0.00426	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109	<0.00435	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00460	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00461	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	—	<0.00111	<0.00223	<0.00111	<0.00111	<0.00111	<0.00445	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111	<0.00443	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	—	<0.00105	<0.00210	<0.00105	<0.00105	<0.00105	<0.00420	<0.00210
J3	J3-0.5-2	3/18/2004	0.5'-2'	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108	<0.00431	0.00169
J4	J4-0.5-2	3/18/2004	0.5'-2'	—	<0.00109	<0.00219	<0.00109	<0.00109	<0.00109	<0.00437	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00460	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	—	<0.00113	<0.00225	<0.00113	<0.00113	<0.00113	<0.00450	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	—	<0.00107	<0.00214	<0.00107	<0.00107	<0.00107	<0.00428	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	—	<0.00103	<0.00206	<0.00103	<0.00103	<0.00103	<0.00412	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	—	<0.00102	<0.00205	<0.00102	<0.00102	<0.00102	<0.00410	<0.00102
K3	K3-0.5-2	3/18/2004	0.5'-2'	—	<0.00104	<0.00208	<0.00104	<0.00104	<0.00104	<0.00417	0.00122
K4	K4-0.5-2	3/18/2004	0.5'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00457	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	—	<0.00119	<0.00239	<0.00119	<0.00119	<0.00119	<0.00478	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113	<0.00451	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108	<0.00431	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	—	<0.00117	<0.00233	<0.00117	<0.00117	<0.00117	<0.00466	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	—	<0.00103	<0.00206	<0.00103	<0.00103	<0.00103	<0.00412	<0.00103
L2	L2-0.5-2	3/19/2004	0.5'-2'	—	<0.00106	<0.00212	<0.00106	<0.00106	<0.00106	<0.00424	<0.00106
L3	L3-0.5-2	3/19/2004	0.5'-2'	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111	<0.00442	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	—	<0.00102	<0.00204	<0.00102	<0.00102	<0.00102	<0.00408	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00461	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00439	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	—	<0.00112	<0.00223	<0.00112	<0.00112	<0.00112	<0.00447	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00456	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform
				74-96-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3
				CAS							
	Preliminary Screening Level			—	0.08	1.20	8,000	2.91E-03	1.72	—	0.81
M1	M1-1-2.5	4/15/2004	1'-2.5'	—	<0.00106	<0.00211	<0.00106	<0.00106	<0.00106	<0.00422	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	—	<0.00116	<0.00231	<0.00116	<0.00116	<0.00116	<0.00462	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111	<0.00444	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108	<0.00432	<0.00216
M5	M5-0.5-2	3/29/2004	0.5'-2'	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112	<0.00449	<0.00112
M6	M6-1-2.5	4/1/2004	1'-2.5'	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00441	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	—	<0.00109	<0.00219	<0.00109	<0.00109	<0.00109	<0.00437	<0.00109
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	—	<0.00104	<0.00207	<0.00104	<0.00104	<0.00104	<0.00414	<0.00207
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109	<0.00435	<0.00217
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00300	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00270	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
N0	NO-0.5-2	3/26/2004	0.5'-2'	—	<0.00119	<0.00237	<0.00119	<0.00119	<0.00119	<0.00474	<0.00119
N1	N1-1-2.5	4/12/2004	1'-2.5'	—	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00479	<0.00240
N2	N2-1-2	4/20/2004	1'-2'	—	<0.00111	<0.00223	<0.00111	<0.00111	<0.00111	<0.00446	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	—	<0.00115	<0.00231	<0.00115	<0.00115	<0.00115	<0.00461	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	—	<0.00133	<0.00265	<0.00133	<0.00133	<0.00133	<0.00531	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	—	<0.00118	<0.00237	<0.00118	<0.00118	<0.00118	<0.00473	<0.00118
N6	N6-0.5-2	3/23/2004	0.5'-2'	—	<0.00111	<0.00221	<0.00111	<0.00111	<0.00111	<0.00443	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	—	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114	<0.00457	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	—	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00240	<0.00120
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	—	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00260	<0.00130
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00270	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	—	<0.00104	<0.00209	<0.00104	<0.00104	<0.00104	<0.00417	<0.00209
P0	PO-0.5-2	3/26/2004	0.5'-2'	—	<0.00131	<0.00262	<0.00131	<0.00131	<0.00131	<0.00524	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	—	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00521	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	—	<0.00117	<0.00233	<0.00117	<0.00117	<0.00117	<0.00467	<0.00233
P3	P3-1-2.5	4/12/2004	1'-2.5'	—	<0.00131	<0.00262	<0.00131	<0.00131	<0.00131	<0.00524	<0.00262
P4	P4-1-2.5	4/12/2004	1'-2.5'	—	<0.00129	<0.00258	<0.00129	<0.00129	<0.00129	<0.00517	<0.00258
P5	P5-1-2.5	4/19/2004	1'-2.5'	—	<0.00124	<0.00249	<0.00124	<0.00124	<0.00124	<0.00498	<0.00249
P6	P6-0.5-2	4/6/2004	0.5'-2'	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113	<0.00451	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	—	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00460	0.00132
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	—	<0.00107	<0.00214	<0.00107	<0.00107	<0.00107	<0.00429	0.00189
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	—	<0.00115	<0.00231	<0.00115	<0.00115	<0.00115	<0.00462	<0.00115
Q2	SD-109	4/6/2004	1'-2.5'	—	<0.00131	<0.00261	<0.00131	<0.00131	<0.00131	<0.00523	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	—	<0.00143	<0.00287	<0.00143	<0.00143	<0.00143	<0.00574	0.00182
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	—	<0.00139	<0.00279	<0.00139	<0.00139	<0.00139	<0.00557	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	—	<0.00119	<0.00239	<0.00119	<0.00119	<0.00119	<0.00478	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00457	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	—	<0.00111	<0.00221	0.00140	<0.00111	<0.00111	<0.00443	0.00147
R1	R1-1-2.5	4/2/2004	1'-2.5'	—	<0.00137	<0.00274	<0.00137	<0.00137	<0.00137	<0.00547	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	—	<0.00131	<0.00262	<0.00131	<0.00131	<0.00131	<0.00524	<0.00262
R3	R3-0.5-2	4/2/2004	0.5'-2'	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111	<0.00443	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	—	<0.00154	<0.00307	<0.00154	<0.00154	<0.00154	<0.00614	<0.00307
R4	R4-1-2.5	4/2/2004	1'-2.5'	—	<0.00140	<0.00281	0.00225	<0.00140	<0.00140	<0.00562	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	—	<0.00116	<0.00233	<0.00116	<0.00116	<0.00116	<0.00466	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	—	<0.00110	<0.00221	<0.00110	<0.00110	<0.00110	<0.00442	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	—	<0.00109	<0.00217	<0.00109	<0.00109	<0.00109	<0.00434	0.00151
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	—	<0.00132	<0.00263	<0.00132	<0.00132	<0.00132	<0.00526	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00457	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00270	<0.00130	<0.00130	<0.00130	<0.00130	0.00330	<0.00130	<0.00130
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00210	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00210	<0.00110	<0.00110	<0.00110	<0.00110	0.00140	<0.00110	<0.00110
S4	S4-1-2.5	4/2/2004	1'-2.5'	—	<0.00141	<0.00282	0.00254	<0.00141	<0.00141	<0.00563	0.00161

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform
				74-96-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3
Preliminary Screening Level				—	0.08	1.20	8,000	2.91E-03	1.72	—	0.81
S5	S5-5-2.0	4/6/2004	0.5'-2'	—	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116	<0.00464	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	—	<0.00109	<0.00219	<0.00109	<0.00109	<0.00109	<0.00438	0.00116
S7	S7-0.5-2	4/5/2004	0.5'-2'	—	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00441	0.00127
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	—	<0.000420	<0.000420	<0.000770	<0.000520	<0.000540	<0.000470	<0.000510
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	—	<0.00114	<0.00228	<0.00114	<0.00114	<0.00114	<0.00455	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	—	<0.00113	<0.00225	<0.00113	<0.00113	<0.00113	<0.00450	<0.00113
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	—	<0.00110	<0.00219	<0.00110	<0.00110	<0.00110	<0.00438	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	—	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108	<0.00431	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	—	<0.00110	<0.00220	0.00827	<0.00110	<0.00110	<0.00439	<0.00110
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	—	<0.00114	<0.00228	0.00709	<0.00114	<0.00114	<0.00456	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	—	<0.00116	<0.00233	0.00629	<0.00116	<0.00116	<0.00465	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	—	<0.00118	<0.00237	<0.00118	<0.00118	<0.00118	<0.00474	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	—	<0.00110	<0.00221	<0.00110	<0.00110	<0.00110	<0.00441	0.00112
T6	T6-2.5-4	4/5/2004	2.5'-4'	—	<0.00112	<0.00225	<0.00112	<0.00112	<0.00112	<0.00449	<0.00225
T7	T7-0.5-2	4/5/2004	0.5'-2'	—	<0.00111	<0.00222	<0.00111	<0.00111	<0.00111	<0.00443	0.00134
T7	T7-2.5-4	4/5/2004	2.5'-4'	—	<0.00119	<0.00238	<0.00119	<0.00119	<0.00119	<0.00475	<0.00238
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	—	<0.00113	<0.00226	<0.00113	<0.00113	<0.00113	<0.00451	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	—	<0.00129	<0.00258	<0.00129	<0.00129	<0.00129	<0.00517	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	—	<0.00115	<0.00229	<0.00115	<0.00115	<0.00115	<0.00458	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	—	<0.00123	<0.00245	<0.00123	<0.00123	<0.00123	<0.00491	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	—	<0.00120	<0.00241	<0.00120	<0.00120	<0.00120	<0.00481	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	—	<0.00659	<0.0132	<0.00395	<0.00659	<0.00264	<0.00659	<0.00329
WVET-3	WVET-3	4/5/2004	3'-3'	—	<0.00617	<0.0123	<0.00370	<0.00617	<0.00247	<0.00617	<0.00308
WVET-7	WVET-7	5/12/2004	3'-3'	—	<0.00552	<0.0110	<0.00331	<0.00552	<0.00221	<0.00552	<0.00276
WVET-8	WVET-8	5/12/2004	3'-3'	—	<0.00585	<0.0117	<0.00351	<0.00585	<0.00234	<0.00585	<0.00293
WVET-9	WVET-9	5/12/2004	3'-3'	—	<0.00558	<0.0112	<0.00335	<0.00558	<0.00223	<0.00558	<0.00279
WVET-10	WVET-10	5/12/2004	3'-3'	—	<0.00627	<0.0125	<0.00376	<0.00627	<0.00251	<0.00627	<0.00314
WVET-12	WVET-12	5/28/2004	3'-3'	—	<0.00566	<0.0113	<0.00340	<0.00566	<0.00227	<0.00566	<0.00283
WVET-13	WVET-13	5/28/2004	3'-3'	—	<0.00597	<0.0119	<0.00358	<0.00597	<0.00239	<0.00597	<0.00298
WVET-14	WVET-14	5/28/2004	3'-3'	—	<0.00546	<0.0109	<0.00328	<0.00546	<0.00219	<0.00546	<0.00273
WVET-15	WVET-15	5/28/2004	3'-3'	—	<0.00684	<0.0137	<0.00410	<0.00684	<0.00274	<0.00684	<0.00342
WVET-16	WVET-16	5/28/2004	3'-3'	—	<0.00548	<0.0110	<0.00329	<0.00548	<0.00219	<0.00548	<0.00274

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)						
				Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)
				CAS	74-87-3	156-59-2	10061-01-5	124-48-1	74-95-3	75-27-4
	Preliminary Screening Level			—	160	0.01	0.01	800	0.01	16,000
A	A	3/17/2004	2'	<0.0116	<0.00348	<0.00579	<0.00579	<0.00579	<0.00579	<0.00579
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00213	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.00240	—	—	—	<0.00120	<0.00120	<0.00120
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00256	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00239	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00213	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00237	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00209	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	—
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	—
C	C	3/17/2004	2'	<0.0134	0.420	<0.00669	<0.00669	<0.00669	<0.00669	<0.00669
C0	CO-0.5-2	3/30/2004	0.5'-2'	<0.00256	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00239	0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00220	0.0149	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00227	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00236	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00215	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00226	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
D	D	3/17/2004	2'	<0.0115	0.0148	<0.00577	<0.00577	<0.00577	<0.00577	<0.00577
D0	DO-0.5-2	3/30/2004	0.5'-2'	<0.00228	0.0201	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00225	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00217	0.00153	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00228	0.0279	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00234	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00238	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00223	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00224	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	<0.00263	0.0117	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00257	0.127	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00230	0.0294	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00232	0.00222	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00227	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.574	<0.115	<0.115	<0.115	<0.115	<0.115	<0.115
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000410	<0.000500	<0.000480	<0.000530	<0.000460	<0.000480	<0.000290
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000410	<0.000500	<0.000480	<0.000530	<0.000460	<0.000480	<0.000290
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000410	<0.000500	<0.000480	<0.000530	<0.000460	<0.000480	<0.000290
F0	FO-0.5-2	3/30/2004	0.5'-2'	<0.00264	0.0491	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.566	0.220	<0.113	<0.113	<0.113	<0.113	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00227	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00219	0.00206	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00218	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	
				CAS	74-87-3	156-59-2	10061-01-5	124-48-1	74-95-3	75-27-4	75-71-8
Preliminary Screening Level				—	160	0.01	0.01	800	0.01	16,000	
F5	SD-103	4/7/2004	1'-2.5'	<0.00217	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00233	0.492	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00224	0.0175	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00223	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.586	5.30	<0.117	<0.117	<0.117	<0.117	<0.117	<0.117
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.571	3.26	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0230	3.73	<0.0115	<0.0115	<0.0115	<0.0115	<0.0115	<0.0115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00255	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00208	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00211	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00206	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00205	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102
G0	GO-0.5-2	3/30/2004	0.5'-2'	<12.7	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00227	0.0252	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00225	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00231	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00232	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00215	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00213	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00217	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00223	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00210	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00216	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00219	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00225	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00214	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00206	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00205	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00208	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00239	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.00226	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00233	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00206	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00212	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00204	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00223	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	
				CAS	74-87-3	156-59-2	10061-01-5	124-48-1	74-95-3	75-27-4	75-71-8
Preliminary Screening Level				—	160	0.01	0.01	800	0.01	16,000	
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00211	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00231	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00222	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00225	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00219	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00207	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00217	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00150	0.00420	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150	—
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00130	0.0170J	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	—
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.00237	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
N2	N2-1-2	4/20/2004	1'-2'	<0.00223	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00231	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00265	<0.00133	<0.00133	<0.00133	<0.00133	<0.00133	<0.00133	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00237	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118
N6	N6-0.5-2	3/23/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00229	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	<0.00240	0.220	<0.00120	<0.00120	—	<0.00120	—	—
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	<0.00260	1.30	<0.00130	<0.00130	—	<0.00130	—	—
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	—
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00209	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104
P0	P0-0.5-2	3/26/2004	0.5'-2'	<0.00262	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00233	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00262	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00258	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00249	<0.00124	<0.00124	<0.00124	<0.00124	<0.00124	<0.00124	<0.00124
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00226	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00214	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00231	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
Q2	SD-109	4/6/2004	1'-2.5'	<0.00261	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00287	<0.00143	<0.00143	<0.00143	<0.00143	<0.00143	<0.00143	<0.00143
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00279	<0.00139	<0.00139	<0.00139	<0.00139	<0.00139	<0.00139	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00239	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00221	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00274	<0.00137	<0.00137	<0.00137	<0.00137	<0.00137	<0.00137	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00262	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00307	<0.00154	<0.00154	<0.00154	<0.00154	<0.00154	<0.00154	<0.00154
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00281	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00233	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.00221	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00217	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00263	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	—
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00282	<0.00141	<0.00141	<0.00141	<0.00141	<0.00141	<0.00141	<0.00141

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	
				CAS	74-87-3	156-59-2	10061-01-5	124-48-1	74-95-3	75-27-4	75-71-8
Preliminary Screening Level				—	160	0.01	0.01	800	0.01	16,000	
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00232	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00219	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000410	<0.000500	<0.000480	<0.000530	<0.000460	<0.000480	<0.000290	<0.000290
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.00225	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00219	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00216	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00228	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00233	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00237	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00221	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00225	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00222	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00238	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00226	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00258	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00229	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00245	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00241	0.00940	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	—
WVET-2	WVET-2	4/5/2004	3'-3'	<0.0132	<0.00395	<0.00659	<0.00659	<0.00659	<0.00659	<0.00659	<0.00659
WVET-3	WVET-3	4/5/2004	3'-3'	<0.0123	<0.00370	<0.00617	<0.00617	<0.00617	<0.00617	<0.00617	<0.00617
WVET-7	WVET-7	5/12/2004	3'-3'	<0.0110	<0.00331	<0.00552	<0.00552	<0.00552	<0.00552	<0.00552	<0.00552
WVET-8	WVET-8	5/12/2004	3'-3'	<0.0117	<0.00351	<0.00585	<0.00585	<0.00585	<0.00585	<0.00585	<0.00585
WVET-9	WVET-9	5/12/2004	3'-3'	<0.0112	<0.00335	<0.00558	<0.00558	<0.00558	<0.00558	<0.00558	<0.00558
WVET-10	WVET-10	5/12/2004	3'-3'	<0.0125	<0.00376	<0.00627	<0.00627	<0.00627	<0.00627	<0.00627	<0.00627
WVET-12	WVET-12	5/28/2004	3'-3'	<0.0113	<0.00340	<0.00566	<0.00566	<0.00566	<0.00566	<0.00566	<0.00566
WVET-13	WVET-13	5/28/2004	3'-3'	<0.0119	<0.00358	<0.00597	<0.00597	<0.00597	<0.00597	<0.00597	<0.00597
WVET-14	WVET-14	5/28/2004	3'-3'	<0.0109	<0.00328	<0.00546	<0.00546	<0.00546	<0.00546	<0.00546	<0.00546
WVET-15	WVET-15	5/28/2004	3'-3'	<0.0137	<0.00410	<0.00684	<0.00684	<0.00684	<0.00684	<0.00684	<0.00684
WVET-16	WVET-16	5/28/2004	3'-3'	<0.0110	<0.00329	<0.00548	<0.00548	<0.00548	<0.00548	<0.00548	<0.00548

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							n-Butylbenzene	n-Propylbenzene
				Ethylene dibromide (EDB)	Isopropylbenzene (Cumene)	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride		
				106-93-4	98-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2		
CAS				106-93-4	98-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
Preliminary Screening Level				0.5	8,000	48,000	—	6,400	555.56	0.43	4,000	8,000
A	A	3/17/2004	2'	<0.00579	<0.00579	<0.0174	—	<0.0232	<0.00116	<0.00406	<0.00579	<0.00579
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00532	—	<0.00532	<0.00106	<0.00372	<0.00213	<0.00106
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	<0.00120	<0.00600	—	—	—	<0.00420	—	—
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00128	<0.00128	<0.00639	—	<0.00639	<0.00128	<0.00448	<0.00256	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00114	<0.00114	<0.00571	—	<0.00571	<0.00114	<0.00400	<0.00229	<0.00114
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00115	<0.00115	<0.00575	—	<0.00575	<0.00115	<0.00402	<0.00230	<0.00115
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00119	<0.00119	<0.00597	—	<0.00597	<0.00119	<0.00418	<0.00239	<0.00119
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00532	—	<0.00532	<0.00106	<0.00372	<0.00213	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00118	<0.00118	<0.00592	—	<0.00592	<0.00118	<0.00414	<0.00237	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00105	<0.00105	<0.00523	—	<0.00523	<0.00105	<0.00366	<0.00209	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00120	<0.00580	<0.00120	<0.00580	—	0.00430	<0.00230	<0.00120
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00120	<0.00580	<0.00120	<0.00580	—	<0.00350	<0.00230	<0.00120
C	C	3/17/2004	2'	<0.00669	<0.00669	0.109	—	<0.0268	<0.00134	<0.00469	<0.00669	<0.00669
C0	C0-0.5-2	3/30/2004	0.5'-2'	<0.00128	<0.00128	<0.00639	—	<0.00639	<0.00128	<0.00448	<0.00256	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00120	<0.00598	—	<0.00598	<0.00120	<0.00419	<0.00239	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00110	<0.00110	<0.00550	—	<0.00550	<0.00110	<0.00385	<0.00220	<0.00110
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00114	<0.00114	<0.00568	—	<0.00568	<0.00114	<0.00397	<0.00227	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00118	<0.00118	<0.00590	—	<0.00590	<0.00118	<0.00413	<0.00236	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00108	<0.00108	<0.00538	—	<0.00538	<0.00108	<0.00376	<0.00215	<0.00108
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00113	<0.00113	0.0179	—	<0.00564	<0.00113	<0.00395	<0.00226	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	0.0230	—	<0.00574	<0.00115	<0.00402	<0.00230	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	<0.00541	—	<0.00541	<0.00108	<0.00379	<0.00216	<0.00108
D	D	3/17/2004	2'	<0.00577	<0.00577	<0.0173	—	<0.0231	<0.00115	<0.00404	<0.00577	<0.00577
D0	D0-0.5-2	3/30/2004	0.5'-2'	<0.00114	<0.00114	<0.00571	—	<0.00571	<0.00114	<0.00400	<0.00228	<0.00114
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00112	<0.00112	<0.00562	—	<0.00562	<0.00112	<0.00393	<0.00225	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00109	<0.00109	<0.00543	—	<0.00543	<0.00109	<0.00380	<0.00217	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00114	<0.00114	<0.00571	—	<0.00571	<0.00114	0.0120	<0.00228	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00117	<0.00117	<0.00584	—	<0.00584	<0.00117	<0.00409	<0.00234	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00119	<0.00119	<0.00595	—	<0.00595	<0.00119	<0.00417	<0.00238	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00111	<0.00111	<0.00557	—	<0.00557	<0.00111	<0.00390	<0.00223	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00112	<0.00112	0.0190	—	<0.00561	<0.00112	<0.00392	<0.00224	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—	—	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	<0.00132	<0.00132	<0.00658	—	<0.00658	<0.00132	<0.00461	<0.00263	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00129	<0.00129	<0.00644	—	<0.00644	<0.00129	<0.00450	<0.00257	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00115	<0.00115	<0.00574	—	<0.00574	<0.00115	<0.00402	<0.00230	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00116	<0.00116	<0.00580	—	<0.00580	<0.00116	<0.00406	<0.00232	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00120	<0.00120	<0.00600	—	<0.00600	<0.00120	0.0117	<0.00240	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00113	<0.00113	<0.00566	—	<0.00566	<0.00113	<0.00396	<0.00227	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.00111	0.0135	0.00841	—	<0.00556	<0.00111	<0.00389	0.0438	0.0363
E7-S2-2	E7-S2-2	3/3/2003	2'	<0.115	0.290	<1.15	—	<1.15	<1.15	<1.15	0.810	0.830
EH4-E-1.5	EH4-E-1.5	8/16/2004	1.5'	<0.000500	<0.000590	<0.00144	—	<0.00269	<0.000710	0.00917	<0.000520	<0.000510
EH4-N-1.5	EH4-N-1.5	8/16/2004	1.5'	<0.000500	<0.000590	<0.00144	—	<0.00269	<0.000710	0.0119	<0.000520	<0.000510
EH4-W-1.5	EH4-W-1.5	8/16/2004	1.5'	<0.000500	<0.000590	<0.00144	—	<0.00269	<0.000710	0.00574	<0.000520	<0.000510
F0	F0-0.5-2	3/30/2004	0.5'-2'	<0.00132	<0.00132	<0.00661	—	<0.00661	<0.00132	0.0863	<0.00264	<0.00132
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	<0.113	<1.13	—	<1.13	<0.566	<1.13	<0.113	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00114	<0.00114	<0.00568	—	<0.00568	<0.00114	<0.00398	<0.00227	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00110	<0.00110	<0.00548	—	<0.00548	<0.00110	<0.00384	<0.00219	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	<0.00544	—	<0.00544	<0.00109	<0.00381	<0.00218	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				Ethylene dibromide (EDB)	Isopropylbenzene (Cumene)	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene
				CAS	106-93-4	98-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8
Preliminary Screening Level				0.5	8,000	48,000	—	6,400	555.56	0.43	4,000	8,000
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00116	<0.00116	0.0388	—	<0.00580	<0.00116	<0.00406	<0.00232	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	0.00761	—	<0.00547	<0.00109	<0.00383	<0.00219	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	<0.00551	—	<0.00551	<0.00110	<0.00385	<0.00220	<0.00110
SFA-E5-2.5	SFA-E5-2.5	8/2/2004	2.5'	<0.000500	<0.000590	0.00974J	—	<0.00269	<0.000710	0.00687	<0.000520	<0.000510
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00114	<0.00114	<0.00569	—	<0.00569	<0.00114	<0.00398	<0.00228	<0.00114
SWS-1	SWS-1-1-1	4/8/2004	1'-2.5'	<0.00113	<0.00113	0.0350	—	<0.00563	<0.00113	<0.00394	<0.00225	<0.00113
SWS-2	SWS-2-0.5-1	4/8/2004	0.5'-2'	<0.00110	0.00163	<0.00548	—	<0.00548	<0.00110	<0.00383	<0.00219	0.00627
SWS-3	SWS-3-1-1	4/8/2004	1'-2.5'	<0.00108	<0.00108	<0.00539	—	<0.00539	<0.00108	<0.00377	<0.00216	<0.00108
SWS-4	SWS-4-0.5-1	4/8/2004	0.5'-2'	<0.00110	<0.00110	<0.00549	—	<0.00549	<0.00110	0.00656	<0.00220	<0.00110
SWS-5	SWS-5-1-1	4/8/2004	1'-2.5'	<0.00114	<0.00114	<0.00570	—	<0.00570	<0.00114	<0.00399	<0.00228	<0.00114
SWS-6	SWS-6-0.5-1	4/8/2004	0.5'-2'	<0.00116	<0.00116	0.0254	—	<0.00581	<0.00116	<0.00407	<0.00233	<0.00116
SWS-7	SWS-7-1-1	4/8/2004	1'-2.5'	<0.00118	<0.00118	<0.00592	—	<0.00592	<0.00118	<0.00415	<0.00237	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	<0.00551	—	<0.00551	<0.00110	<0.00386	<0.00221	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00112	<0.00112	<0.00562	—	<0.00562	<0.00112	<0.00393	<0.00225	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	<0.00554	—	<0.00554	<0.00111	<0.00388	<0.00222	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00119	<0.00119	<0.00594	—	<0.00594	<0.00119	<0.00416	<0.00238	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00113	<0.00113	<0.00564	—	<0.00564	<0.00113	<0.00395	<0.00226	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00129	<0.00129	<0.00646	—	<0.00646	<0.00129	<0.00452	<0.00258	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00115	<0.00115	<0.00573	—	<0.00573	—	<0.00401	<0.00229	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00123	<0.00123	<0.00613	—	<0.00613	—	<0.00429	<0.00245	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00120	<0.00120	<0.00602	—	<0.00602	—	<0.00421	<0.00241	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00120	<0.00600	<0.00120	<0.00600	—	<0.00360	<0.00240	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00659	<0.00659	<0.0198	—	<0.0264	<0.00132	<0.00461	<0.00659	<0.00659
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00617	<0.00617	<0.0185	—	<0.0247	<0.00123	<0.00432	<0.00617	<0.00617
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00552	<0.00552	<0.0166	—	<0.0221	<0.00110	<0.00387	<0.00552	<0.00552
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00585	<0.00585	<0.0176	—	<0.0234	<0.00117	<0.00410	<0.00585	<0.00585
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00558	<0.00558	<0.0167	—	<0.0223	<0.00112	<0.00391	<0.00558	<0.00558
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00627	<0.00627	<0.0188	—	<0.0251	<0.00125	<0.00439	<0.00627	<0.00627
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00566	<0.00566	<0.0170	—	<0.0227	<0.00113	<0.00396	<0.00566	<0.00566
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00597	<0.00597	<0.0179	—	<0.0239	<0.00119	<0.00418	<0.00597	<0.00597
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00546	<0.00546	<0.0164	—	<0.0219	<0.00109	<0.00383	<0.00546	<0.00546
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00684	<0.00684	<0.0205	—	<0.0274	<0.00137	<0.00479	<0.00684	<0.00684
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00548	<0.00548	<0.0164	—	<0.0219	<0.00110	<0.00383	<0.00548	<0.00548

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)
CAS				135-98-8	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
Preliminary Screening Level				8,000	16,000	8,000	0.03	5.18	0.01	—	4.41E-03
A	A	3/17/2004	2'	<0.00579	<0.00116	<0.00579	<0.00232	<0.00290	<0.00145	—	<0.00290
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	—	0.0155
B1	B1-0.5-2	3/25/2004	0.5'-2'	—	—	<0.00120	—	—	—	—	0.0240
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128	—	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	0.0490
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	0.0323
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00119	<0.00119	<0.00119	0.0219	<0.00119	<0.00119	—	<0.00119
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	—	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	—	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00105	<0.00105	<0.00105	0.00241	<0.00105	<0.00105	—	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580	0.0110
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580	0.00200
C	C	3/17/2004	2'	<0.00669	<0.00134	<0.00669	<0.00268	0.00538	<0.00167	—	<0.00335
C0	C0-0.5-2	3/30/2004	0.5'-2'	<0.00128	<0.00128	<0.00128	0.00153	<0.00128	<0.00128	—	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00120	<0.00120	<0.00120	0.00233	<0.00120	<0.00120	—	0.117
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	0.00845
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	0.00793
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	—	0.00602
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	—	0.00941
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	—	<0.00108
D	D	3/17/2004	2'	<0.00577	<0.00115	<0.00577	<0.00231	<0.00289	<0.00144	—	<0.00289
D0	D0-0.5-2	3/30/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	0.0329	0.00195	<0.00114	—	1.62
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	0.0439
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	0.0914
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	0.0237	<0.00114	<0.00114	—	0.0163
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	—	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	—	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	0.00786
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—	—	—	—	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	—	0.0935
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00129	<0.00129	<0.00129	<0.00129	0.00178	<0.00129	—	0.0213
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	0.00382	<0.00115	—	0.0572
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	0.0715
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	—	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	0.0128
E7	E7-0.5-2	3/22/2004	0.5'-2'	0.0328	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	0.500	<0.115	<0.115	<0.115	<0.115	<0.115	—	<0.115
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000520	<0.000550	<0.000550	<0.000560	<0.000500	<0.000440	—	<0.000530
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000520	<0.000550	<0.000550	<0.000560	<0.000500	<0.000440	—	<0.000530
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000520	<0.000550	<0.000550	<0.000560	<0.000500	<0.000440	—	<0.000530
F0	F0-0.5-2	3/30/2004	0.5'-2'	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	—	0.639
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	<0.113	<0.113	<0.113	<0.113	<0.113	—	3.51
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	0.00684
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	0.0853

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)
CAS				135-98-8	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
Preliminary Screening Level				8,000	16,000	8,000	0.03	5.18	0.01	—	4.41E-03
F5	SD-103	4/7/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	—	0.00122
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00117	<0.00117	<0.00117	0.00180	0.0153	<0.00117	—	0.130
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	<0.117	<0.117	<0.117	0.130	<0.117	—	<0.117
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114	—	4.01
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0115	<0.0115	<0.0115	0.0152	0.0369	<0.0115	—	1.56
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	<0.00127	—	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00104	<0.00104	<0.00104	0.00449	<0.00104	<0.00104	—	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00105	<0.00105	<0.00105	0.00463	<0.00105	<0.00105	—	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	—	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	—	<0.00102
G0	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	<2.54	<2.54	10.6	<2.54	<2.54	—	78.2
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	0.0239	0.00197	<0.00114	—	1.20
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	0.00417
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	0.00146	<0.00114	<0.00114	—	0.0316
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00107	<0.00107	<0.00107	0.00484	<0.00107	<0.00107	—	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	—	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	<0.00105	—	<0.00105
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00108	<0.00108	<0.00108	0.0185	<0.00108	<0.00108	—	<0.00108
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	—	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	—	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	—	0.00595
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00104	<0.00104	<0.00104	0.00376	<0.00104	<0.00104	—	0.00110
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	—	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	—	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	—	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	<0.00103	—	0.00685
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	—	0.0157
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	<0.00102	—	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	0.00173	<0.00114	<0.00114	—	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)
				CAS	135-98-8	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6
	Preliminary Screening Level			8,000	16,000	8,000	0.03	5.18	0.01	—	4.41E-03
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	<0.00106	—	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	—	<0.00108
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	<0.00112
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	<0.00109
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00104	<0.00104	<0.00104	0.00278	<0.00104	<0.00104	—	0.00275
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00109	<0.00109	<0.00109	0.0178	<0.00109	<0.00109	—	<0.00109
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00150	<0.00150	<0.00150	0.00410	<0.00150	<0.00150	<0.00740	0.0610
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00130	<0.00130	<0.00130	0.01101	<0.00130	<0.00130	<0.006701	0.1501
N0	NO-0.5-2	3/26/2004	0.5'-2'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	—	0.00307
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	—	0.00135
N2	N2-1-2	4/20/2004	1'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00133	<0.00133	<0.00133	<0.00133	<0.00133	<0.00133	—	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	—	<0.00118
N6	N6-0.5-2	3/23/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	—	<0.00120	—	<0.00120	0.00420	<0.00120	—	0.0360
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	—	<0.00130	—	<0.00130	0.0150	<0.00130	—	0.00490
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00670	0.00720
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	—	<0.00104
P0	PO-0.5-2	3/26/2004	0.5'-2'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	—	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	—	<0.00117
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00131	<0.00131	<0.00131	0.00156	<0.00131	<0.00131	—	<0.00131
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	—	<0.00129
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00124	<0.00124	<0.00124	<0.00124	<0.00124	<0.00124	—	<0.00124
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00107	<0.00107	<0.00107	0.00934	<0.00107	<0.00107	—	<0.00107
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
Q2	SD-109	4/6/2004	1'-2.5'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	—	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00143	<0.00143	<0.00143	<0.00143	<0.00143	<0.00143	—	<0.00143
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00139	<0.00139	<0.00139	<0.00139	<0.00139	<0.00139	—	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	—	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00137	<0.00137	<0.00137	0.00152	<0.00137	<0.00137	—	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131	—	<0.00131
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00154	<0.00154	<0.00154	0.00181	<0.00154	<0.00154	—	<0.00154
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	—	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	<0.00109
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	<0.00132	—	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00130	<0.00130	<0.00130	0.00390	<0.00130	<0.00130	<0.00670	0.00280
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00530	<0.00110
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00530	<0.00110
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00141	<0.00141	<0.00141	<0.00141	<0.00141	<0.00141	—	<0.00141

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)
CAS				135-98-8	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
Preliminary Screening Level				8,000	16,000	8,000	0.03	5.18	0.01	—	4.41E-03
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	—	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000520	<0.000550	<0.000550	<0.000560	<0.000500	<0.000440	—	<0.000530
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	<0.00113
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	—	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	0.00270
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114	—	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	—	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	—	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	—	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	<0.00111	—	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	—	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	0.00828
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129	—	0.00500
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115	—	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	—	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	—	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00120	<0.00120	0.00140	<0.00120	<0.00120	<0.00600	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00659	<0.00132	<0.00659	<0.00264	<0.00329	<0.00165	—	0.00543
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00617	<0.00123	<0.00617	<0.00247	<0.00308	<0.00154	—	<0.00308
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00552	<0.00110	<0.00552	<0.00221	<0.00276	<0.00138	—	0.00752
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00585	<0.00117	<0.00585	<0.00234	<0.00293	<0.00146	—	0.0569
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00558	<0.00112	<0.00558	<0.00223	<0.00279	<0.00140	—	0.00472
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00627	<0.00125	<0.00627	<0.00251	<0.00314	<0.00157	—	0.0223
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00566	<0.00113	<0.00566	<0.00227	<0.00283	<0.00142	—	0.00357
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00597	<0.00119	<0.00597	<0.00239	<0.00298	<0.00149	—	0.0388
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00546	<0.00109	<0.00546	<0.00219	<0.00273	<0.00137	—	0.00590
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00684	<0.00137	<0.00684	<0.00274	<0.00342	<0.00171	—	0.0581
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00548	<0.00110	<0.00548	<0.00219	<0.00274	<0.00137	—	<0.00274

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS				75-69-4	76-13-1	108-05-4	75-01-4
Preliminary Screening Level				24,000	2,400,000	80,000	1.04E-03
A	A	3/17/2004	2'	<0.00579	—	—	<0.00290
A1	A1-0.5-2	4/19/2004	0.5'-2'	<0.00106	—	—	<0.00106
B1	B1-0.5-2	3/25/2004	0.5'-2'	<0.00120	—	—	<0.00120
B2	B2-0.5-2	4/9/2004	0.5'-2'	<0.00128	—	—	<0.00128
B3	B3-0.5-2	4/9/2004	0.5'-2'	<0.00114	—	—	<0.00114
B4	B4-1-2.5	4/9/2004	1'-2.5'	<0.00115	—	—	<0.00115
BPH-1	BPH-1-0.5-2	4/19/2004	0.5'-2'	<0.00119	—	—	<0.00119
BPH-2	BPH-2-0.5-2	4/19/2004	0.5'-2'	<0.00106	—	—	<0.00106
BPH-3	BPH-3-0.5-2	3/26/2004	0.5'-2'	<0.00118	—	—	<0.00118
BPH-4	BPH-4-0.5-2	4/20/2004	0.5'-2'	<0.00105	—	—	<0.00105
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.00120	<0.00120	<0.00580	<0.00120
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.00120	<0.00120	<0.00580	<0.00120
C	C	3/17/2004	2'	<0.00669	—	—	<0.00335
C0	C0-0.5-2	3/30/2004	0.5'-2'	<0.00128	—	—	<0.00128
C1	C1-0.5-2	3/25/2004	0.5'-2'	<0.00120	—	—	<0.00120
C2	C2-0.5-2	3/25/2004	0.5'-2'	<0.00110	—	—	<0.00110
C3	C3-0.5-2	3/25/2004	0.5'-2'	<0.00114	—	—	<0.00114
C4	C4-0.5-2	3/25/2004	0.5'-2'	<0.00118	—	—	<0.00118
C5	C5-1-2.5	4/9/2004	1'-2.5'	<0.00108	—	—	<0.00108
C6	C6-0.5-2	4/9/2004	0.5'-2'	<0.00113	—	—	<0.00113
C7	C7-0.5-2	3/31/2004	0.5'-2'	<0.00115	—	—	<0.00115
CPB-1	CPB-1-1-2.5	4/12/2004	1'-2.5'	<0.00108	—	—	<0.00108
D	D	3/17/2004	2'	<0.00577	—	—	<0.00289
D0	D0-0.5-2	3/30/2004	0.5'-2'	<0.00114	—	—	<0.00114
D1	D1-0.5-2	3/25/2004	0.5'-2'	<0.00112	—	—	<0.00112
D2	D2-1-2.5	3/25/2004	1'-2.5'	<0.00109	—	—	<0.00109
D3	D3-0.5-2	3/24/2004	0.5'-2'	<0.00114	—	—	<0.00114
D4	D4-0.5-2	3/25/2004	0.5'-2'	<0.00117	—	—	<0.00117
D5	D5-1-2.5	4/7/2004	1'-2.5'	<0.00119	—	—	<0.00119
D6	D6-0.5-2	3/31/2004	0.5'-2'	<0.00111	—	—	<0.00111
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.00112	—	—	<0.00112
DG11-12	DG11-12-2	9/13/2011	2'-3'	—	—	—	—
E0	E0-0.5-2	3/31/2004	0.5'-2'	<0.00132	—	—	<0.00132
E1	E1-0.5-2	3/22/2004	0.5'-2'	<0.00129	—	—	<0.00129
E2	E2-0.5-2	3/22/2004	0.5'-2'	<0.00115	—	—	<0.00115
E3	E3-0.5-2	3/22/2004	0.5'-2'	<0.00116	—	—	<0.00116
E5	E5-1.5-3	4/7/2004	1.5'-3'	<0.00120	—	—	<0.00120
E6	E6-0.5-2	3/19/2004	0.5'-2'	<0.00113	—	—	<0.00113
E7	E7-0.5-2	3/22/2004	0.5'-2'	<0.00111	—	—	<0.00111
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.115	—	—	<0.115
EH4-E-1.5	EH4-E-1.5_8162004	8/16/2004	1.5'	<0.000500	—	—	<0.000450
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.000500	—	—	<0.000450
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.000500	—	—	<0.000450
F0	F0-0.5-2	3/30/2004	0.5'-2'	<0.00132	—	—	<0.00132
F1	F1-0-0.5	3/19/2004	0'-0.5'	<0.113	—	—	<0.113
F2	F2-0.5-2	3/17/2004	0.5'-2'	<0.00114	—	—	<0.00114
F3	F3-0.5-2	3/17/2004	0.5'-2'	<0.00110	—	—	<0.00110
F4	F4-0.5-2	3/17/2004	0.5'-2'	<0.00109	—	—	<0.00109

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
				CAS	75-69-4	76-13-1	108-05-4
Preliminary Screening Level				24,000	2,400,000	80,000	1.04E-03
F5	SD-103	4/7/2004	1'-2.5'	<0.00108	—	—	<0.00108
F6	F6-0.5-2	3/22/2004	0.5'-2'	<0.00111	—	—	<0.00111
F7	F7-0.5-2	3/22/2004	0.5'-2'	<0.00110	—	—	<0.00110
FPD-1	FPD-1-0.5-2	3/24/2004	0.5'-2'	<0.00117	—	—	<0.00117
FPD-2	FPD-2-0.5-2	3/24/2004	0.5'-2'	<0.00112	—	—	<0.00112
FPD-3	FPD-3-0.5-2	3/24/2004	0.5'-2'	<0.00112	—	—	<0.00112
FPD-4	FPD-4-0.5-2	3/24/2004	0.5'-2'	<0.117	—	—	<0.117
FPD-5	FPD-5-0.5-2	3/24/2004	0.5'-2'	<0.114	—	—	<0.114
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0115	—	—	<0.0115
FST-1	FST-1-0.5-2	4/6/2004	0.5'-2'	<0.00127	—	—	<0.00127
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.00104	—	—	<0.00104
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.00105	—	—	<0.00105
FWW-1	FWW-1-1-2.5	4/7/2004	1'-2.5'	<0.00103	—	—	<0.00103
FWW-2	FWW-2-1-2.5	4/7/2004	1'-2.5'	<0.00102	—	—	<0.00102
G0	GO-0.5-2	3/30/2004	0.5'-2'	<2.54	—	—	<2.54
G1	G1-0.5-2	3/16/2004	0.5'-2'	<0.00114	—	—	<0.00114
G2	G2-0.5-2	3/16/2004	0.5'-2'	<0.00112	—	—	<0.00112
G3	G3-0.5-2	3/16/2004	0.5'-2'	<0.00116	—	—	<0.00116
G4	G4-0.5-2	3/17/2004	0.5'-2'	<0.00130	—	—	<0.00130
G5	G5-0.5-2	3/18/2004	0.5'-2'	<0.00114	—	—	<0.00114
G6	G6-0.5-2	3/18/2004	0.5'-2'	<0.00116	—	—	<0.00116
G7	G7-0.5-2	3/22/2004	0.5'-2'	<0.00114	—	—	<0.00114
H0	HO-0.5-2	3/31/2004	0.5'-2'	<0.00114	—	—	<0.00114
H1A	H1A-0.5-2	4/20/2004	0.5'-2'	<0.00107	—	—	<0.00107
H2	H2-0.5-2	3/16/2004	0.5'-2'	<0.00106	—	—	<0.00106
H3	H3-0.5-2	3/17/2004	0.5'-2'	<0.00109	—	—	<0.00109
H5	H5-0.5-2	3/18/2004	0.5'-2'	<0.00115	—	—	<0.00115
H6	H6-0.5-2	3/17/2004	0.5'-2'	<0.00115	—	—	<0.00115
H7	H7-0.5-2	3/29/2004	0.5'-2'	<0.00111	—	—	<0.00111
J1	J1-0.5-2	4/20/2004	0.5'-2'	<0.00111	—	—	<0.00111
J2	J2-1-2.5	4/19/2004	1'-2.5'	<0.00105	—	—	<0.00105
J3	J3-0.5-2	3/18/2004	0.5'-2'	<0.00108	—	—	<0.00108
J4	J4-0.5-2	3/18/2004	0.5'-2'	<0.00109	—	—	<0.00109
J5	J5-0.5-2	3/29/2004	0.5'-2'	<0.00115	—	—	<0.00115
J6	J6-0.5-2	3/23/2004	0.5'-2'	<0.00113	—	—	<0.00113
J7	J7-0.5-2	4/1/2004	0.5'-2'	<0.00107	—	—	<0.00107
K1	K1-1-2.5	3/30/2004	1'-2.5'	<0.00103	—	—	<0.00103
K2	K2-1-2.5	3/30/2004	1'-2.5'	<0.00102	—	—	<0.00102
K3	K3-0.5-2	3/18/2004	0.5'-2'	<0.00104	—	—	<0.00104
K4	K4-0.5-2	3/18/2004	0.5'-2'	<0.00114	—	—	<0.00114
K5	K5-1-2.5	4/1/2004	1'-2.5'	<0.00119	—	—	<0.00119
K6	K6-0.5-2	3/23/2004	0.5'-2'	<0.00113	—	—	<0.00113
K7	K7-1-2.5	4/1/2004	1'-2.5'	<0.00108	—	—	<0.00108
L0	LO-0.5-2	3/26/2004	0.5'-2'	<0.00117	—	—	<0.00117
L1	L1-0.5-2	4/20/2004	0.5'-2'	<0.00103	—	—	<0.00103
L2	L2-0.5-2	3/19/2004	0.5'-2'	<0.00106	—	—	<0.00106
L3	L3-0.5-2	3/19/2004	0.5'-2'	<0.00111	—	—	<0.00111
L4	L4-1-2.5	3/18/2004	1'-2.5'	<0.00102	—	—	<0.00102
L5	L5-1-3	4/1/2004	1'-3'	<0.00115	—	—	<0.00115
L6	L6-1-2.5	4/1/2004	1'-2.5'	<0.00110	—	—	<0.00110
L7	L7-1.5-3	4/1/2004	1.5'-3'	<0.00112	—	—	<0.00112
M0	MO-0.5-2	3/26/2004	0.5'-2'	<0.00114	—	—	<0.00114

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS				75-69-4	76-13-1	108-05-4	75-01-4
Preliminary Screening Level				24,000	2,400,000	80,000	1.04E-03
M1	M1-1-2.5	4/15/2004	1'-2.5'	<0.00106	—	—	<0.00106
M2	M2-1-2.5	4/15/2004	1'-2.5'	<0.00116	—	—	<0.00116
M3	M3-1-2.5	4/15/2004	1'-2.5'	<0.00111	—	—	<0.00111
M4	M4-1-2.5	4/12/2004	1'-2.5'	<0.00108	—	—	<0.00108
M5	M5-0.5-2	3/29/2004	0.5'-2'	<0.00112	—	—	<0.00112
M6	M6-1-2.5	4/1/2004	1'-2.5'	<0.00110	—	—	<0.00110
M7	M7-0.5-2	4/5/2004	0.5'-2'	<0.00109	—	—	<0.00109
MBS-1	MBS-1-1-2.5	4/20/2004	1'-2.5'	<0.00104	—	—	<0.00104
MBS-2	MBS-2-1-2.5	4/20/2004	1'-2.5'	<0.00109	—	—	<0.00109
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00150	<0.00300	<0.00740	<0.00150
MW-45A	092111-MW-45A-SB-4	9/21/2011	2'-3'	<0.00130	<0.00270	<0.00670	<0.00130
N0	N0-0.5-2	3/26/2004	0.5'-2'	<0.00119	—	—	<0.00119
N1	N1-1-2.5	4/12/2004	1'-2.5'	<0.00120	—	—	<0.00120
N2	N2-1-2	4/20/2004	1'-2'	<0.00111	—	—	<0.00111
N3	N3-1-2.5	4/15/2004	1'-2.5'	<0.00115	—	—	<0.00115
N4	N4-1-2.5	4/15/2004	1'-2.5'	<0.00133	—	—	<0.00133
N5	N5-1-2.5	3/23/2004	1'-2.5'	<0.00118	—	—	<0.00118
N6	N6-0.5-2	3/23/2004	0.5'-2'	<0.00111	—	—	<0.00111
N7	N7-0.5-2	4/5/2004	0.5'-2'	<0.00114	—	—	<0.00114
MW-28A	MW-28a-6.5	4/17/1997	0'-6'	<0.00240	<0.00240	<0.00590	<0.00240
MW-28A	MW-28a-8.0	4/17/1997	0'-8'	<0.00260	<0.00260	<0.00650	1.10
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00130	<0.00270	<0.00670	<0.00130
OPD-1	OPD-1-1-2.5	4/12/2004	1'-2.5'	<0.00104	—	—	<0.00104
P0	P0-0.5-2	3/26/2004	0.5'-2'	<0.00131	—	—	<0.00131
P1	P1-1-2.5	4/15/2004	1'-2.5'	<0.00130	—	—	<0.00130
P2	P2-1-2.5	4/12/2004	1'-2.5'	<0.00117	—	—	<0.00117
P3	P3-1-2.5	4/12/2004	1'-2.5'	<0.00131	—	—	<0.00131
P4	P4-1-2.5	4/12/2004	1'-2.5'	<0.00129	—	—	<0.00129
P5	P5-1-2.5	4/19/2004	1'-2.5'	<0.00124	—	—	<0.00124
P6	P6-0.5-2	4/6/2004	0.5'-2'	<0.00113	—	—	<0.00113
P7	P7-0.5-2	4/5/2004	0.5'-2'	<0.00115	—	—	<0.00115
PMA-1	PMA-1-1-2.5	4/7/2004	1'-2.5'	<0.00107	—	—	<0.00107
Q1	Q1-0.5-2	3/31/2004	0.5'-2'	<0.00115	—	—	<0.00115
Q2	SD-109	4/6/2004	1'-2.5'	<0.00131	—	—	<0.00131
Q3	Q3-1-2.5	4/2/2004	1'-2.5'	<0.00143	—	—	<0.00143
Q4	Q4-2-3.5	4/2/2004	2'-3.5'	<0.00139	—	—	<0.00139
Q5	Q5-1-2.5	4/15/2004	1'-2.5'	<0.00119	—	—	<0.00119
Q6	Q6-0.5-2	4/6/2004	0.5'-2'	<0.00114	—	—	<0.00114
Q7	Q7-0.5-2	4/5/2004	0.5'-2'	<0.00111	—	—	<0.00111
R1	R1-1-2.5	4/2/2004	1'-2.5'	<0.00137	—	—	<0.00137
R2	R2-1-2.5	4/9/2004	1'-2.5'	<0.00131	—	—	<0.00131
R3	R3-0.5-2	4/2/2004	0.5'-2'	<0.00111	—	—	<0.00111
R3	R3-2.5-4	4/2/2004	2.5'-4'	<0.00154	—	—	<0.00154
R4	R4-1-2.5	4/2/2004	1'-2.5'	<0.00140	—	—	<0.00140
R5	R5-0.5-2	4/6/2004	0.5'-2'	<0.00116	—	—	<0.00116
R6	R6-0.5-2	4/6/2004	0.5'-2'	<0.00110	—	—	<0.00110
R7	R7-0.5-2	4/5/2004	0.5'-2'	<0.00109	—	—	<0.00109
RRS-1	RRS-1-0.5-2	4/15/2004	0.5'-2'	<0.00132	—	—	<0.00132
RRS-5	RRS-5-1-2.5	4/16/2004	1'-2.5'	<0.00114	—	—	<0.00114
S1-3	S1-3_03/17/2000	3/17/2000	3'	<0.00130	<0.00130	<0.00670	<0.00130
S2	S2-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00530	<0.00110
S3	S3-3_03/17/2000	3/17/2000	3'	<0.00110	<0.00110	<0.00530	<0.00110
S4	S4-1-2.5	4/2/2004	1'-2.5'	<0.00141	—	—	<0.00141

Table B-13 - Volatile Organic Compounds in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS				75-69-4	76-13-1	108-05-4	75-01-4
Preliminary Screening Level				24,000	2,400,000	80,000	1.04E-03
S5	S5-5-2.0	4/6/2004	0.5'-2'	<0.00116	—	—	<0.00116
S6	S6-0.5-2	4/5/2004	0.5'-2'	<0.00109	—	—	<0.00109
S7	S7-0.5-2	4/5/2004	0.5'-2'	<0.00110	—	—	<0.00110
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.000500	—	—	<0.000450
SPB-1	SPB-1-1-2	4/19/2004	1'-2'	<0.00114	—	—	<0.00114
SWS-1	SWS-1-1-2.5	4/8/2004	1'-2.5'	<0.00113	—	—	<0.00113
SWS-2	SWS-2-0.5-2	4/8/2004	0.5'-2'	<0.00110	—	—	<0.00110
SWS-3	SWS-3-1-2.5	4/8/2004	1'-2.5'	<0.00108	—	—	<0.00108
SWS-4	SWS-4-0.5-2	4/8/2004	0.5'-2'	<0.00110	—	—	<0.00110
SWS-5	SWS-5-1-2.5	4/8/2004	1'-2.5'	<0.00114	—	—	<0.00114
SWS-6	SWS-6-0.5-2	4/8/2004	0.5'-2'	<0.00116	—	—	<0.00116
SWS-7	SWS-7-1-2.5	4/8/2004	1'-2.5'	<0.00118	—	—	<0.00118
T6	T6-0.5-2	4/5/2004	0.5'-2'	<0.00110	—	—	<0.00110
T6	T6-2.5-4	4/5/2004	2.5'-4'	<0.00112	—	—	<0.00112
T7	T7-0.5-2	4/5/2004	0.5'-2'	<0.00111	—	—	<0.00111
T7	T7-2.5-4	4/5/2004	2.5'-4'	<0.00119	—	—	<0.00119
TSA-2	TSA-2-1-2.5	4/20/2004	1'-2.5'	<0.00113	—	—	<0.00113
TSA-3	TSA-3-0.5-2	3/25/2004	0.5'-2'	<0.00129	—	—	<0.00129
VET-E-1.5	VET-E-1.5	3/24/2004	1.5'	<0.00115	—	—	<0.00115
VET-F-1.5	VET-F-1.5	3/24/2004	1.5'	<0.00123	—	—	<0.00123
VET-G-1.5	VET-G-1.5	3/24/2004	1.5'	<0.00120	—	—	<0.00120
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.00120	<0.00120	<0.00600	<0.00120
WVET-2	WVET-2	4/5/2004	3'-3'	<0.00659	—	—	<0.00329
WVET-3	WVET-3	4/5/2004	3'-3'	<0.00617	—	—	<0.00308
WVET-7	WVET-7	5/12/2004	3'-3'	<0.00552	—	—	<0.00276
WVET-8	WVET-8	5/12/2004	3'-3'	<0.00585	—	—	<0.00293
WVET-9	WVET-9	5/12/2004	3'-3'	<0.00558	—	—	<0.00279
WVET-10	WVET-10	5/12/2004	3'-3'	<0.00627	—	—	<0.00314
WVET-12	WVET-12	5/28/2004	3'-3'	<0.00566	—	—	<0.00283
WVET-13	WVET-13	5/28/2004	3'-3'	<0.00597	—	—	<0.00298
WVET-14	WVET-14	5/28/2004	3'-3'	<0.00546	—	—	<0.00273
WVET-15	WVET-15	5/28/2004	3'-3'	<0.00684	—	—	<0.00342
WVET-16	WVET-16	5/28/2004	3'-3'	<0.00548	—	—	<0.00274

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable unsaturated soil

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	BTEX (milligrams per kilogram)					Volatile Organic Compound's (milligrams per kilogram)			
				Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
CAS				71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
Preliminary Screening Level				5.58E-04	1.52E-02	16,000	5.55E-02	16,000	38.46	21.08	1.10E-04	3.26E-04
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	<0.00120	<0.00120	<0.00120	<0.00120	—	<0.00120	<0.00120	<0.00120	<0.00120
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.00120	<0.00120	<0.00120	<0.00120	—	<0.00120	<0.00120	<0.00120	<0.00120
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130	<0.00130	<0.00130	<0.00130
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130	<0.00130	<0.00130	<0.00130
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	0.00220	<0.00150	<0.00150	<0.00150	—	<0.00150	<0.00150	<0.00150	<0.00150
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130	<0.00130	<0.00130	<0.00130
N1	N1-3-4.5	4/12/2004	3'-4.5'	<0.00144	<0.00144	—	<0.00144	<0.00287	<0.00144	<0.00144	<0.00144	<0.00144
N4	N4-5-7	4/12/2004	5'-7'	<0.00121	<0.00121	—	<0.00121	<0.00242	<0.00121	0.00437	<0.00121	<0.00121
N5	N5-6-7.5	3/23/2004	6'-7.5'	<0.00135	<0.00135	—	<0.00135	<0.00270	<0.00135	<0.00135	<0.00135	<0.00135
NA-1	NA-1-3-5	2/21/2002	3'-5'	<0.0120	<0.0120	<0.0120	<0.0120	<0.00645	<0.0120	<0.0120	<0.0120	<0.0120
NA-1	NA-1-6-7	2/21/2002	6'-7'	<1.60	<1.60	<1.60	<1.60	<0.850	<1.60	<1.60	<1.60	<1.60
NA-2	NA-2-3-5	2/20/2002	3'-5'	<0.00120	<0.00120	<0.00120	0.00210	<0.000635	<0.00120	<0.00120	<0.00120	<0.00120
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.150	<0.150	<0.150	<0.150	0.225	<0.150	<0.150	<0.150	<0.150
NA-3	NA-3-4-5	2/20/2002	4'-5'	<0.00120	<0.00120	<0.00120	0.00940	<0.000615	<0.00120	0.0920	<0.00120	<0.00120
NA-3	NA-3-5-7	2/20/2002	5'-7'	<0.00130	<0.00130	<0.00130	0.00650	<0.000675	<0.00130	0.0270	<0.00130	<0.00130
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	<0.00120	<0.00120	<0.00120	0.0170	<0.000635	<0.00120	<0.00120	<0.00120	<0.00120
NA-4	NA-4-5-6	2/20/2002	5'-6'	<0.00120	<0.00120	<0.00120	0.0160	<0.000615	<0.00120	0.00100J	<0.00120	<0.00120
NA-5	NA-5-3-5	2/20/2002	3'-5'	0.00180J	0.0750	0.0300	0.00410	0.190	<0.00220	<0.00220	<0.00220	<0.00220
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.160	9.50	3.70	0.0790J	36.7	<0.160	<0.160	<0.160	<0.160
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.00120	<0.00120	<0.00120	0.00520	<0.000650	<0.00120	0.0430	<0.00120	<0.00120
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<1.40	18.0	43.0	<1.40	136	<1.40	<1.40	<1.40	<1.40
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.00130	<0.00130	<0.00130	0.0110	<0.000685	<0.00130	0.00330	<0.00130	<0.00130
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	<0.00124	<0.00124	—	<0.00124	<0.00248	<0.00124	<0.00124	<0.00124	<0.00124
P3	P3-5-6.5	4/12/2004	5'-6.5'	<0.00145	<0.00145	—	<0.00145	<0.00289	<0.00145	<0.00145	<0.00145	<0.00145
P4	P4-3-4.5	4/12/2004	3'-4.5'	<0.00140	<0.00140	—	<0.00140	<0.00280	<0.00140	0.0107	<0.00140	<0.00140
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	<0.00135	<0.00135	—	<0.00135	<0.00270	<0.00135	<0.00135	<0.00135	<0.00135
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	<0.00139	<0.00139	—	<0.00139	<0.00277	<0.00139	<0.00139	<0.00139	<0.00139
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	<0.00132	<0.00132	—	<0.00132	<0.00265	<0.00132	<0.00132	<0.00132	<0.00132
R4	R4-3-4.5	4/2/2004	3'-4.5'	<0.00137	<0.00137	—	<0.00137	<0.00273	<0.00137	<0.00137	<0.00137	<0.00137
R6	R6-5-6.5	4/6/2004	5'-6.5'	<0.00137	<0.00137	—	<0.00137	<0.00274	<0.00137	<0.00137	<0.00137	<0.00137
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	<0.00141	<0.00141	—	<0.00141	<0.00281	<0.00141	<0.00141	<0.00141	<0.00141
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	<0.00135	<0.00135	—	<0.00135	<0.00271	<0.00135	<0.00135	<0.00135	<0.00135
S5	S5-5-6.5	4/6/2004	5'-6.5'	<0.00152	<0.00152	—	<0.00152	<0.00304	<0.00152	<0.00152	<0.00152	<0.00152
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530	<0.000560
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	<0.000540	<0.000560	—	0.00138J	<0.00168	<0.000570	<0.000550	<0.000530	<0.000560
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530	<0.000560
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530	<0.000560
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	<0.000540	<0.000560	—	0.00185	<0.00168	<0.000570	<0.000550	<0.000530	<0.000560
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	<0.0130	<0.0280	—	<0.0200	<0.200	<0.0150	<0.0210	<0.0200	<0.0120
SFA-N2-8	SFA-N2-8_4292004	4/29/2004	8'	—	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	<0.000540	<0.000560	—	<0.000540	<0.00168	<0.000570	<0.000550	<0.000530	<0.000560
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	<0.00151	<0.00151	—	<0.00151	<0.00302	<0.00151	<0.00151	<0.00151	<0.00151
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.00300	0.00780	0.00650	<0.00500	0.0195	<0.0100	<0.0100	<0.0100	<0.0100
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-05	SS-DUP2_20071102	11/2/2007	7.5'-8'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	BTEX (milligrams per kilogram)					Volatile Organic Compound's (milligrams per kilogram)			
				Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
CAS				71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
Preliminary Screening Level				5.58E-04	1.52E-02	16,000	5.55E-02	16,000	38.46	21.08	1.10E-04	3.26E-04
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0300	<0.0500	<0.0500	<0.0500	<0.0750	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.00300	0.00580	0.00630	<0.00500	0.0253	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.00300	0.0180	0.0140	<0.00500	0.0400	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.00300	<0.00500	<0.00500	<0.00500	<0.00750	<0.0100	<0.0100	<0.0100	<0.0100
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	<0.00245	—	<0.00245	0.00900	<0.00245	<0.00245	<0.00245	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	<0.00117	—	<0.00117	<0.00234	<0.00117	<0.00117	<0.00117	<0.00117
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	<0.00134	—	<0.00134	<0.00268	<0.00134	<0.00134	<0.00134	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	0.0125	—	<0.00365	0.0255	<0.00365	<0.00365	<0.00365	<0.00365
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	<0.00130	—	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	<0.00121	—	<0.00121	<0.00242	<0.00121	<0.00121	<0.00121	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	<0.00117	—	<0.00117	<0.00234	<0.00117	<0.00117	<0.00117	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	0.00136	—	0.00185	0.0105	<0.00116	<0.00116	<0.00116	<0.00116
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	<0.00118	—	0.00504	0.0102	<0.00118	<0.00118	<0.00118	<0.00118
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	<0.00115	—	0.00193	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	<0.00113	—	<0.00113	<0.00225	<0.00113	<0.00113	<0.00113	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	<0.00612	—	0.00630	0.0434	<0.00612	<0.00612	<0.00612	<0.00612
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	0.00434	0.132	—	0.327	0.923	<0.00235	<0.00235	<0.00235	<0.00235
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	<0.00119	—	<0.00119	<0.00238	<0.00119	<0.00119	<0.00119	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.00169	<0.00450	—	<0.00169	<0.0112	<0.00562	<0.00281	<0.00562	<0.00141
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.000615	<0.00120	0.00400	<0.00120	<0.00120
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.000720	<0.00140	<0.00140	<0.00140	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.000610	<0.00110	0.00150	<0.00110	<0.00110
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.000720	<0.00140	0.00180	<0.00140	<0.00140
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00130	<0.00130	<0.00130	<0.00130	<0.000675	<0.00130	<0.00130	<0.00130	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00130	<0.00130	<0.00130	<0.00130	<0.000700	<0.00130	<0.00130	<0.00130	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00140	<0.00140	<0.00140	<0.00140	—	<0.00140	<0.00140	<0.00140	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00140	<0.00140	<0.00140	<0.00140	—	<0.00140	<0.00140	<0.00140	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00150	<0.00150	<0.00150	<0.00150	—	<0.00150	0.0170	<0.00150	<0.00150
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00174	<0.00463	—	<0.00174	<0.0116	<0.00579	<0.00289	<0.00579	<0.00145
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00163	<0.00434	—	<0.00163	<0.0108	<0.00542	<0.00271	<0.00542	<0.00136
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00160	<0.00426	—	<0.00160	<0.0106	<0.00532	<0.00266	<0.00532	<0.00133
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00166	<0.00444	—	<0.00166	<0.0111	<0.00555	<0.00277	<0.00555	<0.00139
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00176	<0.00469	—	<0.00176	<0.0117	<0.00587	<0.00293	<0.00587	<0.00147

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
CAS				75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
Preliminary Screening Level				175.44	1.36	—	20	0.03	800	1.25	0.02
A1	A1-5.5-7	4/19/2004	5.5'-7'	<0.00107	<0.00107	<0.00107	<0.00215	<0.00215	<0.00107	<0.0107	<0.00107
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	<0.0693	<0.0693	<0.0693	<0.139	<0.139	25.5	<0.693	<0.0693
A1	A1-14.5-16	4/19/2004	14.5'-16'	<0.00125	<0.00125	<0.00125	<0.00250	<0.00250	0.0721	<0.0125	<0.00125
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	<0.00110	<0.00110	<0.00110	<0.00550	<0.00220	<0.00110	<0.00550	<0.00110
B1	B1-6-7.5	3/25/2004	6'-7.5'	<0.00123	<0.00123	<0.00123	<0.00247	<0.00247	<0.00123	<0.0123	<0.00123
B2	B2-10	3/20/1999	10'	<0.00130	<0.00130	<0.00130	<0.00630	<0.00250	<0.00130	<0.00630	<0.00130
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.00131	<0.00131	<0.00131	<0.00262	<0.00262	<0.00131	<0.0131	<0.00131
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00113	<0.00113	<0.00113	<0.00226	<0.00226	<0.00113	<0.0113	<0.00113
B8	B8-15	3/20/1999	14.5'-15'	<0.00140	<0.00140	<0.00140	<0.00690	<0.00280	<0.00140	<0.00690	<0.00140
B10	B10-10-12	3/26/2003	10'-12'	<0.00260	<0.00391	<0.00651	<0.00651	<0.00651	—	<0.0130	<0.00163
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	<0.0121	<0.0121	<0.0121	<0.0242	<0.0242	<0.0121	<0.121	<0.0121
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	0.0161	<0.00690	<0.00690	<0.0138	<0.0138	<0.00690	<0.0690	<0.00690
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	<0.00133	<0.00133	<0.00133	<0.00265	<0.00265	<0.00133	<0.0133	<0.00133
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	<0.00118	<0.00118	<0.00118	<0.00237	<0.00237	0.0459	<0.0118	<0.00118
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108	<0.0108	<0.00108
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	<0.00131	<0.00131	<0.00131	<0.00263	<0.00263	0.00296	<0.0131	<0.00131
BY-3	BY-3-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00620	<0.00250	<0.00120	<0.00620	<0.00120
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.00130	0.00410	<0.00130	<0.00670	<0.00270	<0.00130	<0.00670	<0.00130
BY-4	BY-4-4-6	2/21/2002	4'-6'	<0.00130	<0.00130	<0.00130	<0.00650	<0.00260	0.0240	<0.00650	<0.00130
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	<0.00140	<0.00140	<0.00140	<0.00690	<0.00280	0.00220	<0.00690	<0.00140
BY-5	BY-5-5-7	2/22/2002	5'-7'	<0.00120	0.00260	<0.00120	<0.00590	<0.00240	<0.00120	<0.00590	<0.00120
BY-6	BY-6-3-5	2/22/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00540	<0.00220	<0.00110	<0.00540	<0.00110
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.00290	<0.00290	<0.00290	<0.0140	<0.00570	<0.00290	<0.0140	<0.00290
C1	C1-3-4.5	3/25/2004	3'-4.5'	<0.00120	<0.00120	<0.00120	<0.00241	<0.00241	<0.00120	<0.0120	<0.00120
C6	C6-8.5-10	4/9/2004	8.5'-10'	<0.00116	<0.00116	<0.00116	<0.00232	<0.00232	0.00153	<0.0116	<0.00116
C7	C7-6-7.5	3/31/2004	6'-7.5'	<0.00122	<0.00122	<0.00122	<0.00245	<0.00245	<0.00122	<0.0122	<0.00122
CENTER-3	CENTER-3	4/9/2004	7'	<0.00258	<0.00387	<0.00644	<0.00644	<0.00644	<0.00644	<0.0129	<0.00161
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	<0.00115	<0.00115	<0.00115	<0.00231	<0.00231	<0.00115	<0.0115	<0.00115
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	<0.00119	<0.00119	<0.00119	<0.00237	<0.00237	<0.00119	<0.0119	<0.00119
DO	DO-3-4.5	3/30/2004	3'-4.5'	<0.00129	<0.00129	<0.00129	<0.00257	<0.00257	<0.00129	<0.0129	<0.00129
DO	DO-7.5-9	3/30/2004	7.5'-9'	<0.00120	<0.00120	<0.00120	<0.00240	<0.00240	<0.00120	<0.0120	<0.00120
D1	D1-3-4.5	3/25/2004	3'-4.5'	<0.00122	<0.00122	<0.00122	<0.00244	<0.00244	<0.00122	<0.0122	<0.00122
D2	D2-3.5-5	3/25/2004	3.5'-5'	<0.00108	<0.00108	<0.00108	<0.00217	<0.00217	<0.00108	<0.0108	<0.00108
D3	D3-6-7.5	3/24/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117	<0.0117	<0.00117
D4	D4-6-7.5	3/25/2004	6'-7.5'	<0.00120	<0.00120	<0.00120	<0.00240	<0.00240	<0.00120	<0.0120	<0.00120
D5	D5-6-7.5	4/7/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117	<0.0117	<0.00117
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.00114	<0.00114	<0.00114	<0.00229	<0.00229	0.00355	<0.0114	<0.00114
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	<0.00120	<0.00120	<0.00120	<0.00600	<0.00240	<0.00120	<0.00600	<0.00120
DG11-8	DG11-8-15	9/12/2011	14'-15'	<0.00130	<0.00130	<0.00130	<0.00640	<0.00260	<0.00130	<0.00640	<0.00130
DS-1	DS-1-3-5	2/22/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00570	<0.00230	0.00170	<0.00570	<0.00110
DS-2	DS-2-6-8	2/22/2002	6'-8'	<0.00110	<0.00110	<0.00110	<0.00570	<0.00230	<0.00110	<0.00570	<0.00110
EO	EO-3-4.5	3/31/2004	3'-4.5'	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117	<0.0117	<0.00117
E1	E1-6-7.5	3/22/2004	6'-7.5'	<0.00126	<0.00126	<0.00126	<0.00251	<0.00251	<0.00126	<0.0126	<0.00126
E2	E2-3-4.5	3/22/2004	3'-4.5'	<0.00107	<0.00107	<0.00107	<0.00214	<0.00214	<0.00107	<0.0107	<0.00107
E3	E3-3-4.5	3/22/2004	3'-4.5'	<0.00113	<0.00113	<0.00113	<0.00225	<0.00225	<0.00113	<0.0113	<0.00113
E3	E3-5.5-7	3/22/2004	5.5'-7'	<0.00124	<0.00124	<0.00124	<0.00248	<0.00248	<0.00124	<0.0124	<0.00124
E6	E6-3-4.5	3/19/2004	3'-4.5'	<0.00110	<0.00110	<0.00110	<0.00220	<0.00220	<0.00110	<0.0110	<0.00110
E7	E7-3-4.5	3/22/2004	3'-4.5'	<0.123	<0.123	<0.123	<0.123	<0.123	—	<0.615	<0.123
E7	E7-5.5-7	3/22/2004	5.5'-7'	<0.00143	<0.00143	<0.00143	<0.00287	<0.00287	0.0986	<0.0143	<0.00143
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	<0.102	<0.102	<0.102	<0.102	<0.102	<0.102	<0.510	<0.102
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114	<0.571	<0.114
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	<0.114	<0.114	<0.114	<0.114	<0.114	<0.114	<0.571	<0.114
EAST-1	EAST-1	4/1/2004	5'	<0.00248	<0.00372	<0.00620	<0.00620	<0.00620	<0.00620	<0.0124	<0.00155
EAST-3	EAST-3	4/1/2004	7'	<0.00235	<0.00353	<0.00588	<0.00588	<0.00588	<0.00588	<0.0118	<0.00147
FO	FO-3-4.5	3/30/2004	3'-4.5'	<0.00119	<0.00119	<0.00119	<0.00239	<0.00239	<0.00119	<0.0119	<0.00119

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
CAS				75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
Preliminary Screening Level				175.44	1.36	—	20	0.03	800	1.25	0.02
F1	F1-3-4.5	3/19/2004	3'-4.5'	<0.00135	<0.00135	<0.00135	<0.00269	<0.00269	<0.00135	<0.0135	<0.00135
F1	F1-6-7.5	3/19/2004	6'-7.5'	<0.00132	<0.00132	<0.00132	<0.00264	<0.00264	<0.00132	<0.0132	<0.00132
F4	F4-3-4.5	3/17/2004	3'-4.5'	<0.00128	<0.00128	<0.00128	<0.00256	<0.00256	<0.00128	<0.0128	<0.00128
F5	F5-6-7.5	4/7/2004	6'-7.5'	<0.00129	<0.00129	<0.00129	<0.00257	<0.00257	<0.00129	<0.0129	<0.00129
F6	F6-6-7.5	3/22/2004	6'-7.5'	<0.00125	<0.00125	<0.00125	<0.00251	<0.00251	<0.00125	<0.0125	<0.00125
F7	F7-3-4.5	3/22/2004	3'-4.5'	<0.00127	<0.00127	<0.00127	<0.00253	<0.00253	<0.00127	<0.0127	<0.00127
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	<0.00124	<0.00124	<0.00124	<0.00248	<0.00248	<0.00124	<0.0124	<0.00124
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	<2.53	<2.53	<2.53	<2.53	<2.53	85.0	<12.7	<2.53
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	<0.00127	<0.00127	<0.00127	<0.00255	<0.00255	<0.00127	<0.0127	<0.00127
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	<0.00119	<0.00119	<0.00119	<0.00238	<0.00238	<0.00119	<0.0119	<0.00119
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	<0.479	<0.479	<0.479	<0.479	<0.479	9.24	<2.40	<0.479
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	<0.117	<0.117	<0.117	<0.117	<0.117	4.26	<0.585	<0.117
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	<0.128	<0.128	<0.128	<0.128	<0.128	1.92	<0.639	<0.128
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	<0.132	<0.132	<0.132	<0.132	<0.132	9.36	<0.661	<0.132
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	<0.00133	<0.00133	<0.00133	<0.00266	<0.00266	0.0104	<0.0133	<0.00133
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	<0.00690	<0.00690	<0.00690	<0.0138	<0.0138	0.0281	<0.0690	<0.00690
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	<0.00123	<0.00123	<0.00123	<0.00246	<0.00246	<0.00123	<0.0123	<0.00123
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	<0.00132	<0.00132	<0.00132	<0.00264	<0.00264	<0.00132	<0.0132	<0.00132
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.623	<0.125
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	<0.00123	<0.00123	<0.00123	<0.00247	<0.00247	<0.00123	<0.0123	<0.00123
GO	GO-3-4.5	3/30/2004	3'-4.5'	<0.00125	<0.00125	<0.00125	<0.00249	<0.00249	<0.00125	<0.0125	<0.00125
GO	GO-6-7.5	3/30/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.00234	<0.00234	<0.00117	<0.0117	<0.00117
G1	G1-3-4.5	3/16/2004	3'-4.5'	<0.00136	<0.00136	<0.00136	<0.00271	<0.00271	<0.00136	<0.0136	<0.00136
G1	G1-6-7.5	3/16/2004	6'-7.5'	<0.00125	<0.00125	<0.00125	<0.00250	<0.00250	<0.00125	<0.0125	<0.00125
HO	HO-3-4.5	3/31/2004	3'-4.5'	<0.00132	<0.00132	<0.00132	<0.00265	<0.00265	<0.00132	<0.0132	<0.00132
HO	HO-6-7.5	3/31/2004	6'-7.5'	<0.00337	<0.00337	<0.00337	<0.00675	<0.00675	<0.00337	<0.0337	<0.00337
H4	H4-3-4.5	3/16/2004	3'-4.5'	<0.00112	<0.00112	<0.00112	<0.00225	<0.00225	0.0261	<0.0112	<0.00112
H7	H7-8.5-10	3/29/2004	8.5'-10'	<0.00119	<0.00119	<0.00119	<0.00239	<0.00239	<0.00119	<0.0119	<0.00119
J2	J2-6-7.5	4/19/2004	6'-7.5'	<0.00137	<0.00137	<0.00137	<0.00274	<0.00274	<0.00137	<0.0137	<0.00137
J6	J6-3-4.5	3/23/2004	3'-4.5'	<0.00139	<0.00139	<0.00139	<0.00278	<0.00278	<0.00139	<0.0139	<0.00139
J7	J7-3-4.5	4/1/2004	3'-4.5'	<0.00130	<0.00130	<0.00130	<0.00259	<0.00259	<0.00130	<0.0130	<0.00130
K4	K4-3-4.5	4/7/2004	3'-4.5'	<0.00105	<0.00105	<0.00105	<0.00209	<0.00209	<0.00105	<0.0105	<0.00105
L2	L2-3-4.5	3/19/2004	3'-4.5'	<0.00104	<0.00104	<0.00104	<0.00209	<0.00209	<0.00104	<0.0104	<0.00104
L2	L2-6-7.5	3/19/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.00235	<0.00235	<0.00117	<0.0117	<0.00117
L4	L4-3-4.5	3/18/2004	3'-4.5'	<0.00100	<0.00100	<0.00100	<0.00201	<0.00201	<0.00100	<0.0100	<0.00100
L5	L5-4-5.5	4/1/2004	4'-5.5'	<0.00108	<0.00108	<0.00108	<0.00216	<0.00216	<0.00108	<0.0108	<0.00108
L6	L6-6.5-8	4/1/2004	6.5'-8'	<0.00117	<0.00117	<0.00117	<0.00233	<0.00233	<0.00117	<0.0117	<0.00117
L7	L7-6.5-8	4/1/2004	6.5'-8'	<0.00126	<0.00126	<0.00126	<0.00252	<0.00252	<0.00126	<0.0126	<0.00126
M4	M4-6.5-8	4/12/2004	6.5'-8'	<0.00228	<0.00228	<0.00228	<0.00456	<0.00456	<0.00228	<0.0228	<0.00228
M5	M5-7-8.5	3/29/2004	7'-8.5'	<0.00111	<0.00111	<0.00111	<0.00222	<0.00222	<0.00111	<0.0111	<0.00111
M6	M6-6.5-8	4/1/2004	6.5'-8'	<0.00113	<0.00113	<0.00113	<0.00225	<0.00225	<0.00113	<0.0113	<0.00113
M7	M7-5.5-7	4/5/2004	5.5'-7'	<0.00157	<0.00157	<0.00157	<0.00315	<0.00315	<0.00157	<0.0157	<0.00157
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	0.00691	<0.00125	<0.00125	<0.00250	<0.00250	<0.00125	<0.0125	<0.00125
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	<0.00126	<0.00126	<0.00126	<0.00252	<0.00252	<0.00126	<0.0126	<0.00126
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	<0.00137	<0.00137	<0.00137	<0.00273	<0.00273	2.39	<0.0137	<0.00137
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	<0.127	<0.127	<0.127	<0.127	<0.127	0.200	<0.635	<0.127
MW-38A	MW38-35	5/2/2002	35'	0.00190	<0.00100	<0.00100	<0.00500	<0.00200	<0.00100	<0.00500	<0.00100
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.00130	<0.00130	<0.00130	<0.00640	<0.00260	<0.00130	<0.00640	<0.00130
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.00130	<0.00130	<0.00130	<0.00660	<0.00260	<0.00130	<0.00660	<0.00130
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	<0.00150	0.00200	<0.00150	<0.00750	<0.00300	<0.00150	<0.00750	<0.00150
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.00130	<0.00130	<0.00130	<0.00660	<0.00260	<0.00130	<0.00660	<0.00130
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<2.70	<2.70	<2.70	<13.0	<5.30	100	<13.0	<2.70
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<2.90	<2.90	<2.90	<14.0	<5.80	94.0	<14.0	<2.90
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	<0.00120	<0.00120	<0.00120	<0.00610	<0.00240	<0.00120	<0.00610	<0.00120
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	<0.0900	<0.0900	<0.0900	<0.450	<0.180	<0.0900	<0.450	<0.0900
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	<0.170	<0.170	<0.170	<0.840	<0.340	<0.170	<0.840	<0.170
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<0.00120	<0.00120	<0.00120	<0.00600	<0.00240	<0.00120	<0.00600	<0.00120
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	0.00140	<0.00120	<0.00120	<0.00600	<0.00240	<0.00120	<0.00600	<0.00120
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.00130	<0.00130	<0.00130	<0.00650	<0.00260	<0.00130	<0.00650	<0.00130

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
				CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8
	Preliminary Screening Level			175.44	1.36	—	20	0.03	800	1.25	0.02
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	<0.00120	<0.00120	<0.00120	<0.00620	<0.00250	<0.00120	<0.00620	<0.00120
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.00120	<0.00120	<0.00120	<0.00610	<0.00240	<0.00120	<0.00610	<0.00120
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.00130	<0.00130	<0.00130	<0.00670	<0.00270	<0.00130	<0.00670	<0.00130
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00130	<0.00130	<0.00130	<0.00650	<0.00260	<0.00130	<0.00650	<0.00130
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	<0.00150	<0.00150	<0.00150	<0.00740	<0.00300	<0.00150	<0.00740	<0.00150
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00130	<0.00130	<0.00130	<0.00650	<0.00260	<0.00130	<0.00650	<0.00130
N1	N1-3-4.5	4/12/2004	3'-4.5'	<0.00144	<0.00144	<0.00144	<0.00287	<0.00287	<0.00144	<0.0144	<0.00144
N4	N4-5-7	4/12/2004	5'-7'	<0.00121	<0.00121	<0.00121	<0.00242	<0.00242	<0.00121	<0.0121	<0.00121
N5	N5-6-7.5	3/23/2004	6'-7.5'	<0.00135	<0.00135	<0.00135	<0.00270	<0.00270	<0.00135	<0.0135	<0.00135
NA-1	NA-1-3-5	2/21/2002	3'-5'	<0.0120	<0.0120	<0.0120	<0.0610	<0.0240	<0.0120	<0.0610	<0.0120
NA-1	NA-1-6-7	2/21/2002	6'-7'	<1.60	<1.60	<1.60	<7.90	<3.20	<1.60	<7.90	<1.60
NA-2	NA-2-3-5	2/20/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00600	<0.00240	<0.00120	<0.00600	<0.00120
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.150	<0.150	<0.150	<0.760	<0.300	0.480M	<0.760	<0.150
NA-3	NA-3-4-5	2/20/2002	4'-5'	0.0310	0.00110J	<0.00120	<0.00580	<0.00230	<0.00120	<0.00580	0.00400
NA-3	NA-3-5-7	2/20/2002	5'-7'	0.00560	<0.00130	<0.00130	<0.00640	<0.00260	<0.00130	<0.00640	<0.00130
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	<0.00120	<0.00120	<0.00120	<0.00600	<0.00240	<0.00120	<0.00600	<0.00120
NA-4	NA-4-5-6	2/20/2002	5'-6'	<0.00120	<0.00120	<0.00120	<0.00580	<0.00230	<0.00120	<0.00580	<0.00120
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.00220	<0.00220	<0.00220	<0.0110	<0.00450	0.0260	<0.0110	<0.00220
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.160	<0.160	<0.160	<0.790	<0.320	4.30	<0.790	<0.160
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	0.00380	<0.00120	<0.00120	<0.00610	<0.00250	<0.00120	<0.00610	<0.00120
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<1.40	<1.40	<1.40	<7.20	<2.90	33.0	<7.20	<1.40
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.00130	<0.00130	<0.00130	<0.00650	<0.00260	<0.00130	<0.00650	<0.00130
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	<0.00124	<0.00124	<0.00124	<0.00248	<0.00248	<0.00124	<0.0124	<0.00124
P3	P3-5-6.5	4/12/2004	5'-6.5'	<0.00145	<0.00145	<0.00145	<0.00289	<0.00289	<0.00145	<0.0145	<0.00145
P4	P4-3-4.5	4/12/2004	3'-4.5'	<0.00140	<0.00140	<0.00140	<0.00280	<0.00280	<0.00140	<0.0140	<0.00140
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	<0.00135	<0.00135	<0.00135	<0.00270	<0.00270	<0.00135	<0.0135	<0.00135
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	<0.00139	<0.00139	<0.00139	<0.00277	<0.00277	<0.00139	<0.0139	<0.00139
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	<0.00132	<0.00132	<0.00132	<0.00265	<0.00265	<0.00132	<0.0132	<0.00132
R4	R4-3-4.5	4/2/2004	3'-4.5'	<0.00137	<0.00137	<0.00137	<0.00273	<0.00273	<0.00137	<0.0137	<0.00137
R6	R6-5-6.5	4/6/2004	5'-6.5'	<0.00137	<0.00137	<0.00137	<0.00274	<0.00274	<0.00137	<0.0137	<0.00137
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	<0.00141	<0.00141	<0.00141	<0.00281	<0.00281	<0.00141	<0.0141	<0.00141
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	<0.00135	<0.00135	<0.00135	<0.00271	<0.00271	<0.00135	<0.0135	<0.00135
S5	S5-5-6.5	4/6/2004	5'-6.5'	<0.00152	<0.00152	<0.00152	<0.00304	<0.00304	<0.00152	<0.0152	<0.00152
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	0.00466J	<0.000660	<0.000560
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550	<0.000660	<0.000560
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550	<0.000660	<0.000560
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550	<0.000660	<0.000560
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550	<0.000660	<0.000560
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	<0.0210	<0.0200	<0.0270	<0.0290	<0.0160	<0.0850	<0.0480	<0.0130
SFA-N2-8	SFA-N2-8_4292004	4/29/2004	8'	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	<0.000510	<0.000510	<0.000550	<0.000620	<0.000640	<0.000550	<0.000660	<0.000560
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	<0.00151	<0.00151	<0.00151	<0.00302	<0.00302	<0.00151	<0.0151	<0.00151
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.0500	0.00150	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.0500	0.00130	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0120	<0.0100	<0.00500
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.0500	0.00140	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-05	SS-DUP2_20071102	11/2/2007	7.5'-8'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)							
				1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
CAS				75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
Preliminary Screening Level				175.44	1.36	—	20	0.03	800	1.25	0.02
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0500	0.00100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0500	<0.00100	<0.0500	<0.100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	0.0120	<0.0100	<0.00500
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	0.0280	<0.0100	<0.00500
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	<0.00245	<0.00245	<0.00490	<0.00490	<0.00245	<0.0245	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	<0.00117	<0.00117	<0.00234	<0.00234	<0.00117	<0.0117	<0.00117
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	<0.00134	<0.00134	<0.00268	<0.00268	<0.00134	<0.0134	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	<0.00365	<0.00365	<0.00731	<0.00731	0.0120	<0.0365	<0.00365
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	<0.00130	<0.00130	<0.00260	<0.00260	<0.00130	<0.0130	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	<0.00121	<0.00121	<0.00242	<0.00242	<0.00121	<0.0121	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.00234	<0.00234	<0.00117	<0.0117	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	<0.00116	<0.00116	<0.00231	<0.00231	0.00778	<0.0116	<0.00116
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	<0.00118	<0.00118	<0.00235	<0.00235	0.0117	<0.0118	<0.00118
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	<0.00115	<0.00115	<0.00230	<0.00230	<0.00115	<0.0115	<0.00115
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	<0.00113	<0.00113	<0.00225	<0.00225	<0.00113	<0.0113	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	<0.00612	<0.00612	<0.0122	<0.0122	<0.00612	<0.0612	<0.00612
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	<0.00235	<0.00235	<0.00235	<0.00469	<0.00469	0.221	<0.0235	<0.00235
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	<0.00119	<0.00119	<0.00238	<0.00238	<0.00119	<0.0119	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.00225	<0.00337	<0.00562	<0.00562	<0.00562	<0.00562	<0.0112	<0.00141
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00580	<0.00230	<0.00120	<0.00580	<0.00120
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00690	<0.00280	<0.00140	<0.00690	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00570	<0.00230	<0.00110	<0.00570	<0.00110
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00680	<0.00270	<0.00140	<0.00680	<0.00140
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00130	<0.00130	<0.00130	<0.00630	<0.00250	<0.00130	<0.00630	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00130	<0.00130	<0.00130	<0.00660	<0.00260	<0.00130	<0.00660	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00140	<0.00140	<0.00140	<0.00700	<0.00280	<0.00140	<0.00700	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00140	<0.00140	<0.00140	<0.00690	<0.00280	<0.00140	<0.00690	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	0.00840	<0.00150	<0.00150	<0.00730	<0.00290	<0.00150	<0.00730	<0.00150
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00231	<0.00347	<0.00579	<0.00579	<0.00579	<0.00579	<0.0116	<0.00145
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00217	<0.00325	<0.00542	<0.00542	<0.00542	<0.00542	<0.0108	<0.00136
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00213	<0.00319	<0.00532	<0.00532	<0.00532	<0.00532	<0.0106	<0.00133
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00222	<0.00333	<0.00555	<0.00555	<0.00555	<0.00555	<0.0111	<0.00139
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00235	<0.00352	<0.00587	<0.00587	<0.00587	<0.00587	<0.0117	<0.00147

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone	4-Chlorotoluene	4-Isopropyltoluene
CAS				78-87-5	108-67-8	142-28-9	594-20-7	110-75-8	95-49-8	591-78-6	106-43-4	99-87-6
Preliminary Screening Level				1.03E-03	800	—	—	—	1,600	400	—	—
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0500	<0.0500	<0.0500	—	<0.0500	<0.500	<0.0500	<0.0500
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0500	<0.0500	<0.0500	—	<0.0500	<0.500	<0.0500	<0.0500
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	—	<0.0100	<0.100	<0.0100	<0.0100
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	<0.00245	<0.00245	<0.0245	—	<0.00245	<0.0123	<0.00245	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	<0.00117	<0.00117	<0.0117	—	<0.00117	<0.00584	<0.00117	<0.00117
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	<0.00134	<0.00134	<0.0134	—	<0.00134	<0.00669	<0.00134	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	<0.00365	<0.00365	<0.0365	—	<0.00365	<0.0183	<0.00365	0.0139
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	<0.00130	<0.00130	<0.0130	—	<0.00130	<0.00650	<0.00130	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	<0.00121	<0.00121	<0.0121	—	<0.00121	<0.00605	<0.00121	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.0117	—	<0.00117	<0.00585	<0.00117	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	0.00310	<0.00116	<0.0116	—	<0.00116	<0.00578	<0.00116	0.00231
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	0.00595	<0.00118	<0.0118	—	<0.00118	<0.00588	<0.00118	0.00336
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	<0.00115	<0.00115	<0.0115	—	<0.00115	<0.00574	<0.00115	<0.00115
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	<0.00113	<0.00113	<0.0113	—	<0.00113	<0.00564	<0.00113	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	<0.00612	<0.00612	<0.0612	—	<0.00612	<0.0306	<0.00612	<0.00612
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	<0.00235	0.0636	<0.00235	<0.0235	—	<0.00235	<0.0117	<0.00235	0.0145
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	<0.00119	<0.00119	<0.0119	—	<0.00119	<0.00595	<0.00119	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.00562	<0.00562	<0.00562	<0.0112	—	<0.00562	<0.0225	<0.00562	<0.00562
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00580	<0.00120	<0.00580	<0.00120	<0.00120
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00690	<0.00140	<0.00690	<0.00140	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00570	<0.00110	<0.00570	<0.00110	<0.00110
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00680	<0.00140	<0.00680	<0.00140	<0.00140
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00630	<0.00130	<0.00630	<0.00130	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00660	<0.00130	<0.00660	<0.00130	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00700	<0.00140	<0.00700	<0.00140	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00690	<0.00140	<0.00690	<0.00140	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00150	<0.00150	<0.00150	<0.00150	<0.00730	<0.00150	<0.00730	<0.00150	<0.00150
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00579	<0.00579	<0.00579	<0.0116	—	<0.00579	<0.0231	<0.00579	<0.00579
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00542	<0.00542	<0.00542	<0.0108	—	<0.00542	<0.0217	<0.00542	<0.00542
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00532	<0.00532	<0.00532	<0.0106	—	<0.00532	<0.0213	<0.00532	<0.00532
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00555	<0.00555	<0.00555	<0.0111	—	<0.00555	<0.0222	<0.00555	<0.00555
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00587	<0.00587	<0.00587	<0.0117	—	<0.00587	<0.0235	<0.00587	<0.00587

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								Carbon disulfide	Carbon tetrachloride
				Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform	Bromomethane		
CAS				67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2	74-83-9	75-15-0	56-23-5
Preliminary Screening Level				72.000	40	1.85	640	—	—	4.95E-03	0.08	8,000	1.54E-04
A1	A1-5.5-7	4/19/2004	5.5'-7'	<0.0215	—	—	<0.00107	<0.00107	—	<0.00107	<0.00215	<0.00107	<0.00107
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	<1.39	—	—	<0.0693	<0.0693	—	<0.0693	<0.139	<0.0693	<0.0693
A1	A1-14.5-16	4/19/2004	14.5'-16'	0.0778	—	—	<0.00125	<0.00125	—	<0.00125	<0.00250	0.00482	<0.00125
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	<0.00550	<0.0550	<0.00550	<0.00110	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110
B1	B1-6-7.5	3/25/2004	6'-7.5'	<0.0247	—	—	<0.00123	<0.00123	—	<0.00123	<0.00247	<0.00123	<0.00123
B2	B2-10	3/20/1999	10'	0.0470	<0.0630	<0.00630	<0.00130	<0.00130	<0.00250	<0.00130	<0.00130	<0.00130	<0.00130
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.0262	—	—	<0.00131	<0.00131	—	<0.00131	<0.00262	<0.00131	<0.00131
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.0226	—	—	<0.00113	<0.00113	—	<0.00113	<0.00226	<0.00113	<0.00113
B8	B8-15	3/20/1999	14.5'-15'	0.0200	<0.0690	<0.00690	<0.00140	<0.00140	<0.00280	<0.00140	<0.00140	<0.00140	<0.00140
B10	B10-10-12	3/26/2003	10'-12'	—	—	—	<0.00651	<0.00651	—	<0.00651	<0.0130	—	<0.00651
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	<0.242	—	—	<0.0121	<0.0121	—	<0.0121	<0.0242	<0.0121	<0.0121
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	<0.138	—	—	<0.00690	<0.00690	—	<0.00690	<0.0138	<0.00690	<0.00690
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	<0.0265	—	—	<0.00133	<0.00133	—	<0.00133	<0.00265	<0.00133	<0.00133
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	<0.0237	—	—	<0.00118	<0.00118	—	<0.00118	<0.00237	<0.00118	<0.00118
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	<0.0216	—	—	<0.00108	<0.00108	—	<0.00108	<0.00216	<0.00108	<0.00108
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	<0.0263	—	—	<0.00131	<0.00131	—	<0.00131	<0.00263	<0.00131	<0.00131
BY-3	BY-3-3-5	2/21/2002	3'-5'	0.0450	<0.0620	<0.00620	<0.00120	<0.00120	<0.00250	<0.00120	<0.00120	0.00420	<0.00120
BY-3	BY-3-6-8	2/21/2002	6'-8'	0.250	<0.0670	<0.00670	<0.00130	<0.00130	<0.00270	<0.00130	<0.00130	0.00470	<0.00130
BY-4	BY-4-4-6	2/21/2002	4'-6'	0.0580	<0.0650	<0.00650	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.00380	<0.00130
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	0.0510	<0.0690	<0.00690	<0.00140	<0.00140	<0.00280	<0.00140	<0.00140	0.00320	<0.00140
BY-5	BY-5-5-7	2/22/2002	5'-7'	0.0270	<0.0590	<0.00590	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120
BY-6	BY-6-3-5	2/22/2002	3'-5'	<0.00540	<0.0540	<0.00540	<0.00110	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	0.0560	<0.140	<0.0140	<0.00290	<0.00290	<0.00570	<0.00290	<0.00290	0.00310	<0.00290
C1	C1-3-4.5	3/25/2004	3'-4.5'	<0.0241	—	—	<0.00120	<0.00120	—	<0.00120	<0.00241	<0.00120	<0.00120
C6	C6-8.5-10	4/9/2004	8.5'-10'	0.101	—	—	<0.00116	<0.00116	—	<0.00116	<0.00232	0.00607	<0.00116
C7	C7-6-7.5	3/31/2004	6'-7.5'	0.0634	—	—	<0.00122	<0.00122	—	<0.00122	<0.00245	0.00460	<0.00122
CENTER-3	CENTER-3	4/9/2004	7'	0.0810	—	—	<0.00644	<0.00644	—	<0.00644	<0.0129	<0.00387	<0.00644
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	<0.0231	—	—	<0.00115	<0.00115	—	<0.00115	<0.00231	<0.00115	<0.00115
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	<0.0237	—	—	<0.00119	<0.00119	—	<0.00119	<0.00237	<0.00119	<0.00119
D0	D0-3-4.5	3/30/2004	3'-4.5'	<0.0257	—	—	<0.00129	<0.00129	—	<0.00129	<0.00257	<0.00129	<0.00129
D0	D0-7.5-9	3/30/2004	7.5'-9'	<0.0240	—	—	<0.00120	<0.00120	—	<0.00120	<0.00240	<0.00120	<0.00120
D1	D1-3-4.5	3/25/2004	3'-4.5'	<0.0244	—	—	<0.00122	<0.00122	—	<0.00122	<0.00244	<0.00122	<0.00122
D2	D2-3.5-5	3/25/2004	3.5'-5'	<0.0217	—	—	<0.00108	<0.00108	—	<0.00108	<0.00217	<0.00108	<0.00108
D3	D3-6-7.5	3/24/2004	6'-7.5'	<0.0233	—	—	<0.00117	<0.00117	—	<0.00117	<0.00233	<0.00117	<0.00117
D4	D4-6-7.5	3/25/2004	6'-7.5'	0.0842	—	—	<0.00120	<0.00120	—	<0.00120	<0.00240	<0.00120	<0.00120
D5	D5-6-7.5	4/7/2004	6'-7.5'	<0.0233	—	—	<0.00117	<0.00117	—	<0.00117	<0.00233	<0.00117	<0.00117
D7	D7-5.5-7	3/19/2004	5.5'-7'	0.0498	—	—	<0.00114	<0.00114	—	<0.00114	<0.00229	0.00150	<0.00114
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	0.0120J	<0.0600	<0.00600	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120J
DG11-8	DG11-8-15	9/12/2011	14'-15'	0.0200J	<0.0640	<0.00640	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130J
DS-1	DS-1-3-5	2/22/2002	3'-5'	<0.00570	<0.0570	<0.00570	<0.00110	<0.00110	<0.00230	<0.00110	<0.00110	<0.00110	<0.00110
DS-2	DS-2-6-8	2/22/2002	6'-8'	0.0290	<0.0570	<0.00570	<0.00110	<0.00110	<0.00230	<0.00110	<0.00110	0.00130	<0.00110
EO	EO-3-4.5	3/31/2004	3'-4.5'	<0.0233	—	—	<0.00117	<0.00117	—	<0.00117	<0.00233	<0.00117	<0.00117
E1	E1-6-7.5	3/22/2004	6'-7.5'	<0.0251	—	—	<0.00126	<0.00126	—	<0.00126	<0.00251	<0.00126	<0.00126
E2	E2-3-4.5	3/22/2004	3'-4.5'	<0.0214	—	—	<0.00107	<0.00107	—	<0.00107	<0.00214	<0.00107	<0.00107
E3	E3-3-4.5	3/22/2004	3'-4.5'	<0.0225	—	—	<0.00113	<0.00113	—	<0.00113	<0.00225	<0.00113	<0.00113
E3	E3-5.5-7	3/22/2004	5.5'-7'	<0.0248	—	—	<0.00124	<0.00124	—	<0.00124	<0.00248	<0.00124	<0.00124
E6	E6-3-4.5	3/19/2004	3'-4.5'	<0.0220	—	—	<0.00110	<0.00110	—	<0.00110	<0.00220	<0.00110	<0.00110
E7	E7-3-4.5	3/22/2004	3'-4.5'	<1.23	—	—	<0.123	<0.123	—	<0.123	<0.123	<0.123	<0.123
E7	E7-5.5-7	3/22/2004	5.5'-7'	0.0764	—	—	<0.00143	<0.00143	—	<0.00143	<0.00287	<0.00143	<0.00143
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	<1.02	—	—	<0.102	<0.102	—	<0.102	<0.102	<0.102	<0.102
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	<1.14	—	—	<0.114	<0.114	—	<0.114	<0.114	<0.114	<0.114
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	<1.14	—	—	<0.114	<0.114	—	<0.114	<0.114	<0.114	<0.114
EAST-1	EAST-1	4/1/2004	5'	<0.0372	—	—	<0.00620	<0.00620	—	<0.00620	<0.0124	<0.00372	<0.00620
EAST-3	EAST-3	4/1/2004	7'	0.268	—	—	<0.00588	<0.00588	—	<0.00588	<0.0118	<0.00353	<0.00588
FO	FO-3-4.5	3/30/2004	3'-4.5'	<0.0239	—	—	<0.00119	<0.00119	—	<0.00119	<0.00239	<0.00119	<0.00119

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)									
				Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride
CAS				67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2	74-83-9	75-15-0	56-23-5
Preliminary Screening Level				72.000	40	1.85	640	—	—	4.95E-03	0.08	8.000	1.54E-04
F1	F1-3-4.5	3/19/2004	3'-4.5'	<0.0269	—	—	<0.00135	<0.00135	—	<0.00135	<0.00269	<0.00135	<0.00135
F1	F1-6-7.5	3/19/2004	6'-7.5'	<0.0264	—	—	<0.00132	<0.00132	—	<0.00132	<0.00264	<0.00132	<0.00132
F4	F4-3-4.5	3/17/2004	3'-4.5'	<0.0256	—	—	<0.00128	<0.00128	—	<0.00128	<0.00256	<0.00128	<0.00128
F5	F5-6-7.5	4/7/2004	6'-7.5'	<0.0257	—	—	<0.00129	<0.00129	—	<0.00129	<0.00257	<0.00129	<0.00129
F6	F6-6-7.5	3/22/2004	6'-7.5'	0.111	—	—	<0.00125	<0.00125	—	<0.00125	<0.00251	<0.00125	<0.00125
F7	F7-3-4.5	3/22/2004	3'-4.5'	0.180	—	—	<0.00127	<0.00127	—	<0.00127	<0.00253	0.00142	<0.00127
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	<0.0248	—	—	<0.00124	<0.00124	—	<0.00124	<0.00248	<0.00124	<0.00124
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	<25.3	—	—	<2.53	<2.53	—	<2.53	<2.53	<2.53	<2.53
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	<0.0255	—	—	<0.00127	<0.00127	—	<0.00127	<0.00255	<0.00127	<0.00127
FPD-2	FPD-2-6-7.5	3/24/2004	6'-7.5'	<0.0238	—	—	<0.00119	<0.00119	—	<0.00119	<0.00238	<0.00119	<0.00119
FPD-4	FPD-4-4-5-6	3/24/2004	4.5'-6'	<4.79	—	—	<0.479	<0.479	—	<0.479	<0.479	<0.479	<0.479
FPD-4	FPD-4-6-5-8	3/24/2004	6.5'-8'	<1.17	—	—	<0.117	<0.117	—	<0.117	<0.117	<0.117	<0.117
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	<1.28	—	—	<0.128	<0.128	—	<0.128	<0.128	<0.128	<0.128
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	<1.32	—	—	<0.132	<0.132	—	<0.132	<0.132	<0.132	<0.132
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	<0.0266	—	—	<0.00133	<0.00133	—	<0.00133	<0.00266	0.00172	<0.00133
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	<0.138	—	—	<0.00690	<0.00690	—	<0.00690	<0.0138	<0.00690	<0.00690
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	<0.0246	—	—	<0.00123	<0.00123	—	<0.00123	<0.00246	0.00520	<0.00123
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	<0.0264	—	—	<0.00132	<0.00132	—	<0.00132	<0.00264	0.00344	<0.00132
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	<1.25	—	—	<0.125	<0.125	—	<0.125	<0.125	<0.125	<0.125
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	<0.0247	—	—	<0.00123	<0.00123	—	<0.00123	<0.00247	<0.00123	<0.00123
GO	GO-3-4.5	3/30/2004	3'-4.5'	<0.0249	—	—	<0.00125	<0.00125	—	<0.00125	<0.00249	<0.00125	<0.00125
GO	GO-6-7.5	3/30/2004	6'-7.5'	<0.0234	—	—	<0.00117	<0.00117	—	<0.00117	<0.00234	<0.00117	<0.00117
G1	G1-3-4.5	3/16/2004	3'-4.5'	0.0481	—	—	<0.00136	<0.00136	—	<0.00136	<0.00271	<0.00136	<0.00136
G1	G1-6-7.5	3/16/2004	6'-7.5'	<0.0250	—	—	<0.00125	<0.00125	—	<0.00125	<0.00250	<0.00125	<0.00125
H0	HO-3-4.5	3/31/2004	3'-4.5'	<0.0265	—	—	<0.00132	<0.00132	—	<0.00132	<0.00265	<0.00132	<0.00132
H0	HO-6-7.5	3/31/2004	6'-7.5'	<0.0675	—	—	<0.00337	<0.00337	—	<0.00337	<0.00675	<0.00337	<0.00337
H4	H4-3-4.5	3/16/2004	3'-4.5'	<0.0225	—	—	<0.00112	<0.00112	—	<0.00112	<0.00225	<0.00112	<0.00112
H7	H7-8.5-10	3/29/2004	8.5'-10'	0.144	—	—	<0.00119	<0.00119	—	<0.00119	<0.00239	0.00223	<0.00119
J2	J2-6-7.5	4/19/2004	6'-7.5'	<0.0274	—	—	<0.00137	<0.00137	—	<0.00137	<0.00274	<0.00137	<0.00137
J6	J6-3-4.5	3/23/2004	3'-4.5'	0.104	—	—	<0.00139	<0.00139	—	<0.00139	<0.00278	<0.00139	<0.00139
J7	J7-3-4.5	4/1/2004	3'-4.5'	0.359	—	—	<0.00130	<0.00130	—	<0.00130	<0.00259	0.00276	<0.00130
K4	K4-3-4.5	4/7/2004	3'-4.5'	<0.0209	—	—	<0.00105	<0.00105	—	<0.00105	<0.00209	<0.00105	<0.00105
L2	L2-3-4.5	3/19/2004	3'-4.5'	<0.0209	—	—	<0.00104	<0.00104	—	<0.00104	<0.00209	<0.00104	<0.00104
L2	L2-6-7.5	3/19/2004	6'-7.5'	0.127	—	—	<0.00117	<0.00117	—	<0.00117	<0.00235	0.0146	<0.00117
L4	L4-3-4.5	3/18/2004	3'-4.5'	<0.0201	—	—	<0.00100	<0.00100	—	<0.00100	<0.00201	<0.00100	<0.00100
L5	L5-4-5.5	4/1/2004	4'-5.5'	<0.0216	—	—	<0.00108	<0.00108	—	<0.00108	<0.00216	<0.00108	<0.00108
L6	L6-6-5-8	4/1/2004	6.5'-8'	<0.0233	—	—	<0.00117	<0.00117	—	<0.00117	<0.00233	<0.00117	<0.00117
L7	L7-6-5-8	4/1/2004	6.5'-8'	0.227	—	—	<0.00126	<0.00126	—	<0.00126	<0.00252	0.00135	<0.00126
M4	M4-6-5-8	4/12/2004	6.5'-8'	<0.0456	—	—	<0.00228	<0.00228	—	<0.00228	<0.00456	<0.00228	<0.00228
M5	M5-7-8.5	3/29/2004	7'-8.5'	0.0272	—	—	<0.00111	<0.00111	—	<0.00111	<0.00222	<0.00111	<0.00111
M6	M6-6-5-8	4/1/2004	6.5'-8'	<0.0225	—	—	<0.00113	<0.00113	—	<0.00113	<0.00225	<0.00113	<0.00113
M7	M7-5.5-7	4/5/2004	5.5'-7'	0.0339	—	—	<0.00157	<0.00157	—	<0.00157	<0.00315	<0.00157	<0.00157
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	<0.0250	—	—	<0.00125	<0.00125	—	<0.00125	<0.00250	<0.00125	<0.00125
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	<0.0252	—	—	<0.00126	<0.00126	—	<0.00126	<0.00252	<0.00126	<0.00126
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	41.3	—	—	<0.00137	<0.00137	—	<0.00137	<0.00273	<0.00137	<0.00137
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	59.2	—	—	<0.127	<0.127	—	<0.127	<0.127	<0.127	<0.127
MW-38A	MW38-35	5/2/2002	35'	0.0100	<0.0500	<0.00500	<0.00100	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100	<0.00100
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	0.0250J	<0.0640	<0.00640	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.0150	<0.00130J
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	0.0350J	<0.0660	<0.00660	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.00220	<0.00130J
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	0.0360J	<0.0750	<0.00750	<0.00150	<0.00150	<0.00300	<0.00150	<0.00150	<0.00150	<0.00150J
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	0.0520	<0.0660	<0.00660	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.00180	<0.00130
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<13.0J	<13.0	<13.0	<2.70	<2.70	<5.80	<2.70	<2.70	<2.70	<2.70
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<14.0J	<14.0	<14.0	<2.90	<2.90	<5.80	<2.90	<2.90	<2.90	<2.90
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	0.0250J	<0.0610	<0.00610	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	<0.450	<4.50	<0.450	<0.0900	<0.0900	<0.180	<0.0900	<0.0900	<0.0900	<0.0900
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	<0.840	<8.40	<0.840	<0.170	<0.170	<0.340	<0.170	<0.170	<0.170	<0.170
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<0.00600	<0.0600	<0.00600	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.00600	<0.0600	<0.00600	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	0.0200	<0.00120
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	0.0270J	<0.0650	<0.00650	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.0180J	<0.00130

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)									
				Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride
CAS				67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2	74-83-9	75-15-0	56-23-5
Preliminary Screening Level				72.000	40	1.85	640	—	—	4.95E-03	0.08	8.000	1.54E-04
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	0.290	<0.0620	<0.00620	<0.00120	<0.00120	<0.00250	<0.00120	<0.00120	<0.00120	<0.00120
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	0.0150	<0.0610	<0.00610	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	0.0340	<0.0670	<0.00670	<0.00130	<0.00130	<0.00270	<0.00130	<0.00130	0.00270	<0.00130
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00650	<0.0650	<0.00650	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.00220J	<0.00130
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	0.0770	<0.0740	<0.00740	<0.00150	<0.00150	<0.00300	<0.00150	<0.00150	0.00160	<0.00150
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00650	<0.0650	<0.00650	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	0.00520J	<0.00130
N1	N1-3-4.5	4/12/2004	3'-4.5'	<0.0287	—	—	<0.00144	<0.00144	—	<0.00144	<0.00287	<0.00144	<0.00144
N4	N4-5-7	4/12/2004	5'-7'	<0.0242	—	—	<0.00121	<0.00121	—	<0.00121	<0.00242	<0.00121	<0.00121
N5	N5-6-7.5	3/23/2004	6'-7.5'	0.456	—	—	<0.00135	<0.00135	—	<0.00135	<0.00270	0.00408	<0.00135
NA-1	NA-1-3-5	2/21/2002	3'-5'	0.0610	<0.610	<0.0610	<0.0120	<0.0120	<0.0240	<0.0120	<0.0120	<0.0120	<0.0120
NA-1	NA-1-6-7	2/21/2002	6'-7'	8.10	<79.0	<7.90	<1.60	<1.60	<3.20	<1.60	<1.60	<1.60	<1.60
NA-2	NA-2-3-5	2/20/2002	3'-5'	<0.00600	<0.0600	<0.00600	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.760	<7.60	<0.760	<0.150	<0.150	<0.300	<0.150	<0.150	<0.150	<0.150
NA-3	NA-3-4-5	2/20/2002	4'-5'	0.00720	<0.0580	<0.00580	<0.00120	<0.00120	<0.00230	<0.00120	<0.00120	<0.00120	<0.00120
NA-3	NA-3-5-7	2/20/2002	5'-7'	<0.00640	<0.0640	<0.00640	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	<0.00600	<0.0600	<0.00600	<0.00120	<0.00120	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120
NA-4	NA-4-5-6	2/20/2002	5'-6'	<0.00580	<0.0580	<0.00580	<0.00120	<0.00120	<0.00230	<0.00120	<0.00120	<0.00120	<0.00120
NA-5	NA-5-3-5	2/20/2002	3'-5'	0.0550	<0.110	<0.0110	<0.00220	<0.00220	<0.00450	<0.00220	<0.00220	<0.00220	<0.00220
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.790	<7.90	<0.790	<0.160	<0.160	<0.320	<0.160	<0.160	<0.160	<0.160
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	0.0260	<0.0610	<0.00610	<0.00120	<0.00120	<0.00250	<0.00120	<0.00120	<0.00120	<0.00120
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<7.20	<72.0	<7.20	<1.40	<1.40	<2.90	<1.40	<1.40	<1.40	<1.40
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.00650	<0.0650	<0.00650	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	<0.0248	—	—	<0.00124	<0.00124	—	<0.00124	<0.00248	<0.00124	<0.00124
P3	P3-5-6.5	4/12/2004	5'-6.5'	<0.0289	—	—	<0.00145	<0.00145	—	<0.00145	<0.00289	<0.00145	<0.00145
P4	P4-3-4.5	4/12/2004	3'-4.5'	<0.0280	—	—	<0.00140	<0.00140	—	<0.00140	<0.00280	<0.00140	<0.00140
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	<0.0270	—	—	<0.00135	<0.00135	—	<0.00135	<0.00270	<0.00135	<0.00135
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	<0.0277	—	—	<0.00139	<0.00139	—	<0.00139	<0.00277	<0.00139	<0.00139
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	<0.0265	—	—	<0.00132	<0.00132	—	<0.00132	<0.00265	<0.00132	<0.00132
R4	R4-3-4.5	4/2/2004	3'-4.5'	<0.0273	—	—	<0.00137	<0.00137	—	<0.00137	<0.00273	<0.00137	<0.00137
R6	R6-5-6.5	4/6/2004	5'-6.5'	0.167	—	—	<0.00137	<0.00137	—	<0.00137	<0.00274	<0.00137	<0.00137
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	<0.0281	—	—	<0.00141	<0.00141	—	<0.00141	<0.00281	<0.00141	<0.00141
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	<0.0271	—	—	<0.00135	<0.00135	—	<0.00135	<0.00271	<0.00135	<0.00135
S5	S5-5-6.5	4/6/2004	5'-6.5'	<0.0304	—	—	<0.00152	<0.00152	—	<0.00152	<0.00304	<0.00152	<0.00152
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	<0.00203	—	—	<0.000540	<0.000600	—	<0.000420	<0.000420	<0.000770	<0.000520
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	0.115	—	—	<0.000540	<0.000600	—	<0.000420	<0.000420	<0.000770	<0.000520
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	0.0410	—	—	<0.000540	<0.000600	—	<0.000420	<0.000420	<0.000770	<0.000520
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	<0.00203	—	—	<0.000540	<0.000600	—	<0.000420	<0.000420	<0.000770	<0.000520
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	0.0E	—	—	<0.000540	<0.000600	—	<0.000420	<0.000420	<0.000770	<0.000520
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	0.700J	—	—	<0.0180	<0.0230	—	<0.0120	<0.0290	<0.0130	<0.0160
SFA-N2-8	SFA-N2-8_4292004	4/29/2004	8'	—	—	—	—	—	—	—	—	—	—
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	0.130	—	—	<0.000540	<0.000600	—	<0.000420	<0.000420	<0.000770	<0.000520
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	0.109	—	—	<0.00151	<0.00151	—	<0.00151	<0.00302	<0.00151	<0.00151
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.100	—	<0.100
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.100	—	<0.100
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.100	—	<0.100
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.100	—	<0.100
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-05	SS-DUP2_20071102	11/2/2007	7.5'-8'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.500

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)									
				Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride
CAS				67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2	74-83-9	75-15-0	56-23-5
Preliminary Screening Level				72.000	40	1.85	640	—	—	4.95E-03	0.08	8,000	1.54E-04
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.0500
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.0500	—	—	<0.0500	<0.500	—	<0.0500
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.100	—	—	<0.0100	—	—	<0.0100	<0.0100	—	<0.0100
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	0.273	—	—	<0.00245	<0.00245	—	<0.00245	<0.00490	<0.00245	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	0.129	—	—	<0.00117	<0.00117	—	<0.00117	<0.00234	<0.00117	<0.00117
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.0268	—	—	<0.00134	<0.00134	—	<0.00134	<0.00268	<0.00134	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	0.517	—	—	<0.00365	<0.00365	—	<0.00365	<0.00731	<0.00365	<0.00365
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.0260	—	—	<0.00130	<0.00130	—	<0.00130	<0.00260	<0.00130	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.0242	—	—	<0.00121	<0.00121	—	<0.00121	<0.00242	<0.00121	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	0.0816	—	—	<0.00117	<0.00117	—	<0.00117	<0.00234	<0.00117	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	0.0684	—	—	<0.00116	<0.00116	—	<0.00116	<0.00231	0.0126	<0.00116
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	0.0889	—	—	<0.00118	<0.00118	—	<0.00118	<0.00235	0.0118	<0.00118
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.0230	—	—	<0.00115	<0.00115	—	<0.00115	<0.00230	<0.00115	<0.00115
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.0225	—	—	<0.00113	<0.00113	—	<0.00113	<0.00225	<0.00113	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.122	—	—	<0.00612	<0.00612	—	<0.00612	<0.0122	<0.00612	<0.00612
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	0.0787	—	—	<0.00235	<0.00235	—	<0.00235	<0.00469	<0.00235	<0.00235
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.0238	—	—	<0.00119	<0.00119	—	<0.00119	<0.00238	<0.00119	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.0337	—	—	<0.00562	<0.00562	—	<0.00562	<0.0112	<0.00337	<0.00562
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00580	<0.0580	<0.00580	<0.00120	<0.00120	<0.00230	<0.00120	<0.00120	<0.00120	<0.00120
WP-1	WP-1-5-7	2/21/2002	5'-7'	0.0390	<0.0690	<0.00690	<0.00140	<0.00140	<0.00280	<0.00140	<0.00140	<0.00140	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00570	<0.0570	<0.00570	<0.00110	<0.00110	<0.00230	<0.00110	<0.00110	<0.00110	<0.00110
WP-2	WP-2-5-7	2/21/2002	5'-7'	0.0460	<0.0680	<0.00680	<0.00140	<0.00140	<0.00270	<0.00140	<0.00140	<0.00140	<0.00140
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00630	<0.0630	<0.00630	<0.00130	<0.00130	<0.00250	<0.00130	<0.00130	<0.00130	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00660	<0.0660	<0.00660	<0.00130	<0.00130	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	0.0280	<0.0700	<0.00700	<0.00140	<0.00140	<0.00280	<0.00140	<0.00140	<0.00140	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	0.0660	<0.0690	<0.00690	<0.00140	<0.00140	<0.00280	<0.00140	<0.00140	<0.00140	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00730	<0.0730	<0.00730	<0.00150	<0.00150	<0.00290	<0.00150	<0.00150	<0.00150	<0.00150
WVET-5	WVET-5	4/5/2004	4'-4'	<0.0347	—	—	<0.00579	<0.00579	—	<0.00579	<0.0116	<0.00347	<0.00579
WVET-6	WVET-6	4/5/2004	4'-4'	<0.0325	—	—	<0.00542	<0.00542	—	<0.00542	<0.0108	<0.00325	<0.00542
WVET-11	WVET-11	5/12/2004	4'-4'	<0.0319	—	—	<0.00532	<0.00532	—	<0.00532	<0.0106	<0.00319	<0.00532
WVET-17	WVET-17	5/28/2004	4'-4'	<0.0333	—	—	<0.00555	<0.00555	—	<0.00555	<0.0111	<0.00333	<0.00555
WVET-18	WVET-18	5/28/2004	4'-4'	<0.0352	—	—	<0.00587	<0.00587	—	<0.00587	<0.0117	<0.00352	<0.00587

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorobromomethane
CAS				108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5	124-48-1	74-95-3	75-27-4
Preliminary Screening Level				0.10	—	0.05	—	160	6.27E-04	7.69E-04	800	9.57E-04
A1	A1-5.5-7	4/19/2004	5.5'-7'	<0.00107	<0.00429	<0.00107	<0.00215	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	<0.0693	<0.277	<0.139	<0.139	<0.0693	<0.0693	<0.0693	<0.0693	<0.0693
A1	A1-14.5-16	4/19/2004	14.5'-16'	<0.00125	<0.00501	0.00148	<0.00250	<0.00125	<0.00125	<0.00125	<0.00125	<0.00125
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	0.00100J	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
B1	B1-6-7.5	3/25/2004	6'-7.5'	<0.00123	<0.00494	<0.00247	<0.00247	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123
B2	B2-10	3/20/1999	10'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.00131	<0.00524	<0.00262	<0.00262	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00113	<0.00451	<0.00226	<0.00226	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
B8	B8-15	3/20/1999	14.5'-15'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140
B10	B10-10-12	3/26/2003	10'-12'	<0.00260	<0.00651	<0.00326	<0.0130	<0.00391	<0.00651	<0.00651	<0.00651	<0.00651
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	<0.0121	<0.0485	<0.0242	<0.0242	<0.0121	<0.0121	<0.0121	<0.0121	<0.0121
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	<0.00690	<0.0276	<0.00690	<0.0138	<0.00690	<0.00690	<0.00690	<0.00690	<0.00690
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	<0.00133	<0.00531	<0.00265	<0.00265	<0.00133	<0.00133	<0.00133	<0.00133	<0.00133
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	<0.00118	<0.00474	<0.00118	<0.00237	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	<0.00108	<0.00433	<0.00108	<0.00216	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	<0.00131	<0.00526	<0.00131	<0.00263	<0.00131	<0.00131	<0.00131	<0.00131	<0.00131
BY-3	BY-3-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00120	0.0240	<0.00120	<0.00120	<0.00120	<0.00120
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.00130	<0.00130	<0.00130	<0.00130	0.0890	<0.00130	<0.00130	<0.00130	<0.00130
BY-4	BY-4-4-6	2/21/2002	4'-6'	<0.00130	<0.00130	<0.00130	<0.00130	0.0110	<0.00130	<0.00130	<0.00130	<0.00130
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	<0.00140	<0.00140	<0.00140	<0.00140	0.00160	<0.00140	<0.00140	<0.00140	<0.00140
BY-5	BY-5-5-7	2/22/2002	5'-7'	<0.00120	<0.00120	<0.00120	<0.00120	0.0220	<0.00120	<0.00120	<0.00120	<0.00120
BY-6	BY-6-3-5	2/22/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.00290	<0.00290	<0.00290	<0.00290	<0.00290	<0.00290	<0.00290	<0.00290	<0.00290
C1	C1-3-4.5	3/25/2004	3'-4.5'	<0.00120	<0.00482	<0.00120	<0.00241	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
C6	C6-8.5-10	4/9/2004	8.5'-10'	<0.00116	<0.00465	<0.00116	<0.00232	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
C7	C7-6-7.5	3/31/2004	6'-7.5'	<0.00122	<0.00490	<0.00122	<0.00245	<0.00122	<0.00122	<0.00122	<0.00122	<0.00122
CENTER-3	CENTER-3	4/9/2004	7'	<0.00258	<0.00644	<0.00322	<0.0129	0.0372	<0.00644	<0.00644	<0.00644	<0.00644
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	<0.00115	<0.00461	<0.00115	<0.00231	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	<0.00119	<0.00474	<0.00237	<0.00237	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
D0	D0-3-4.5	3/30/2004	3'-4.5'	<0.00129	<0.00514	<0.00129	<0.00257	<0.00129	<0.00129	<0.00129	<0.00129	<0.00129
D0	D0-7.5-9	3/30/2004	7.5'-9'	<0.00120	<0.00480	<0.00240	<0.00240	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
D1	D1-3-4.5	3/25/2004	3'-4.5'	<0.00122	<0.00487	<0.00122	<0.00244	<0.00122	<0.00122	<0.00122	<0.00122	<0.00122
D2	D2-3.5-5	3/25/2004	3.5'-5'	<0.00108	<0.00434	<0.00108	<0.00217	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108
D3	D3-6-7.5	3/24/2004	6'-7.5'	<0.00117	<0.00466	<0.00117	<0.00233	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
D4	D4-6-7.5	3/25/2004	6'-7.5'	<0.00120	<0.00480	<0.00240	<0.00240	0.00184	<0.00120	<0.00120	<0.00120	<0.00120
D5	D5-6-7.5	4/7/2004	6'-7.5'	<0.00117	<0.00467	<0.00117	<0.00233	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.00114	<0.00458	<0.00114	<0.00229	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
DG11-8	DG11-8-15	9/12/2011	14'-15'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
DS-1	DS-1-3-5	2/22/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
DS-2	DS-2-6-8	2/22/2002	6'-8'	<0.00110	<0.00110	<0.00110	<0.00110	0.00130	<0.00110	<0.00110	<0.00110	<0.00110
EO	EO-3-4.5	3/31/2004	3'-4.5'	<0.00117	<0.00467	<0.00117	<0.00233	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
E1	E1-6-7.5	3/22/2004	6'-7.5'	<0.00126	<0.00503	<0.00251	<0.00251	0.00817	<0.00126	<0.00126	<0.00126	<0.00126
E2	E2-3-4.5	3/22/2004	3'-4.5'	<0.00107	<0.00428	<0.00107	<0.00214	0.00468	<0.00107	<0.00107	<0.00107	<0.00107
E3	E3-3-4.5	3/22/2004	3'-4.5'	<0.00113	<0.00451	<0.00113	<0.00225	0.0206	<0.00113	<0.00113	<0.00113	<0.00113
E3	E3-5.5-7	3/22/2004	5.5'-7'	<0.00124	<0.00497	<0.00124	<0.00248	0.00626	<0.00124	<0.00124	<0.00124	<0.00124
E6	E6-3-4.5	3/19/2004	3'-4.5'	<0.00110	<0.00440	<0.00220	<0.00220	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
E7	E7-3-4.5	3/22/2004	3'-4.5'	<0.123	<0.123	<0.123	<0.615	<0.123	<0.123	<0.123	<0.123	<0.123
E7	E7-5.5-7	3/22/2004	5.5'-7'	<0.00143	<0.00573	<0.00143	<0.00287	<0.00143	<0.00143	<0.00143	<0.00143	<0.00143
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	<0.102	<0.102	<0.102	<0.510	<0.102	<0.102	<0.102	<0.102	<0.102
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	<0.114	<0.114	<0.114	<0.571	<0.114	<0.114	<0.114	<0.114	<0.114
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	<0.114	<0.114	<0.114	<0.571	<0.114	<0.114	<0.114	<0.114	<0.114
EAST-1	EAST-1	4/1/2004	5'	<0.00248	<0.00620	<0.00310	<0.0124	<0.00372	<0.00620	<0.00620	<0.00620	<0.00620
EAST-3	EAST-3	4/1/2004	7'	<0.00235	<0.00588	<0.00294	<0.0118	0.0174	<0.00588	<0.00588	<0.00588	<0.00588
FO	FO-3-4.5	3/30/2004	3'-4.5'	<0.00119	<0.00478	<0.00119	<0.00239	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Dichlorobromomethane
CAS				108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5	124-48-1	74-95-3	75-27-4
Preliminary Screening Level				0.10	—	0.05	—	160	6.27E-04	7.69E-04	800	9.57E-04
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0500	<0.500	<0.0500	<0.0500	<0.00100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0500	<0.500	<0.0500	<0.0500	<0.00100	<0.0500	<0.0500	<0.0500	<0.0500
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	<0.0100	<0.0100
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	<0.00980	<0.00245	<0.00490	<0.00245	<0.00245	<0.00245	<0.00245	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	<0.00467	<0.00234	<0.00234	0.00778	<0.00117	<0.00117	<0.00117	<0.00117
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	<0.00535	<0.00134	<0.00268	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	<0.0146	<0.00365	<0.00731	<0.00365	<0.00365	<0.00365	<0.00365	<0.00365
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	<0.00520	<0.00260	<0.00260	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	<0.00484	<0.00242	<0.00242	<0.00121	<0.00121	<0.00121	<0.00121	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	<0.00468	<0.00117	<0.00234	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	<0.00462	<0.00116	<0.00231	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	<0.00471	<0.00118	<0.00235	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	<0.00459	<0.00115	<0.00230	<0.00115	<0.00115	<0.00115	<0.00115	<0.00115
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	<0.00451	<0.00113	<0.00225	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	<0.0245	<0.0122	<0.0122	<0.00612	<0.00612	<0.00612	<0.00612	<0.00612
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	<0.00235	<0.00939	<0.00235	<0.00469	0.0576	<0.00235	<0.00235	<0.00235	<0.00235
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	<0.00476	<0.00119	<0.00238	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.00225	<0.00562	<0.00281	<0.0112	<0.00337	<0.00562	<0.00562	<0.00562	<0.00562
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120	<0.00120
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00150	<0.00150	<0.00150	<0.00150	0.00160	<0.00150	<0.00150	<0.00150	<0.00150
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00231	<0.00579	<0.00289	<0.0116	<0.00347	<0.00579	<0.00579	<0.00579	<0.00579
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00217	<0.00542	<0.00271	<0.0108	<0.00325	<0.00542	<0.00542	<0.00542	<0.00542
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00213	<0.00532	<0.00266	<0.0106	<0.00319	<0.00532	<0.00532	<0.00532	<0.00532
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00222	<0.00555	<0.00277	<0.0111	<0.00333	<0.00555	<0.00555	<0.00555	<0.00555
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00235	<0.00587	<0.00293	<0.0117	<0.00352	<0.00587	<0.00587	<0.00587	<0.00587

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				Dichlorodifluoro methane (CFC-12)	Ethylene dibromide (EDB)	Isopropylbenzene (Cumene)	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene
CAS				75-71-8	106-93-4	98-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8
Preliminary Screening Level				16,000	0.5	8,000	48,000	—	6,400	555.56	0.03	4,000
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.500	<0.0500	<0.0500	<0.500	—	<0.500	—	<0.500	—
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.500	<0.0500	<0.0500	<0.500	—	<0.500	—	<0.500	—
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	<0.00500	<0.0100	<0.100	—	<0.100	—	<0.0500	—
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	<0.00245	<0.00245	<0.0123	—	<0.0123	<0.00245	<0.00858	<0.00490
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	<0.00117	<0.00117	0.0223	—	<0.00584	<0.00117	0.00547	<0.00234
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	<0.00134	<0.00134	<0.00669	—	<0.00669	<0.00134	<0.00469	<0.00268
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	<0.00365	<0.00365	0.127	—	<0.0183	<0.00365	<0.0128	<0.00731
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	<0.00130	<0.00130	<0.00650	—	<0.00650	<0.00130	0.00547	<0.00260
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	<0.00121	<0.00121	<0.00605	—	<0.00605	<0.00121	0.0116	<0.00242
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	0.0183	—	<0.00585	<0.00117	<0.00410	<0.00234
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	<0.00116	<0.00116	<0.00578	—	<0.00578	<0.00116	<0.00405	<0.00231
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	<0.00118	<0.00118	0.0191	—	<0.00588	<0.00118	<0.00412	<0.00235
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	<0.00115	<0.00115	<0.00574	—	<0.00574	<0.00115	<0.00402	<0.00230
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	<0.00113	<0.00113	<0.00564	—	<0.00564	<0.00113	<0.00395	<0.00225
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	<0.00612	<0.00612	0.0449	—	<0.0306	<0.00612	<0.0214	<0.0122
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	<0.00235	<0.00235	0.0360	<0.0117	—	<0.0117	<0.00235	<0.00822	0.00493
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	<0.00119	<0.00119	<0.00595	—	<0.00595	<0.00119	<0.00416	<0.00238
WEST-3	WEST-3	4/1/2004	5'	<0.00562	<0.00562	<0.00562	<0.0169	—	<0.0225	<0.00112	<0.00394	<0.00562
WP-1	WP-1-3-5	2/21/2002	3'-5'	—	<0.00120	<0.00120	<0.00580	<0.00120	<0.00580	—	<0.00350	<0.00230
WP-1	WP-1-5-7	2/21/2002	5'-7'	—	<0.00140	<0.00140	0.00800	<0.00140	<0.00690	—	<0.00420	<0.00280
WP-2	WP-2-3-5	2/21/2002	3'-5'	—	<0.00110	<0.00110	<0.00570	<0.00110	<0.00570	—	<0.00340	<0.00230
WP-2	WP-2-5-7	2/21/2002	5'-7'	—	<0.00140	<0.00140	0.00870	<0.00140	<0.00680	—	<0.00410	<0.00270
WP-3	WP-3-3-5	2/21/2002	3'-5'	—	<0.00130	<0.00130	<0.00630	<0.00130	<0.00630	—	<0.00380	<0.00250
WP-3	WP-3-5-7	2/21/2002	5'-7'	—	<0.00130	<0.00130	<0.00660	<0.00130	<0.00660	—	<0.00400	<0.00260
WP-4	WP-4-5-6	2/26/2002	5'-6'	—	<0.00140	<0.00140	<0.00700	<0.00140	<0.00700	—	<0.00420	<0.00280
WP-5	WP-5-6-7	2/26/2002	6'-7'	—	<0.00140	<0.00140	0.0130	<0.00140	<0.00690	—	<0.00420	<0.00280
WP-6	WP-6-5-6	2/26/2002	5'-6'	—	<0.00150	<0.00150	<0.00730	<0.00150	<0.00730	—	<0.00440	<0.00290
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00579	<0.00579	<0.00579	<0.0174	—	<0.0231	<0.00116	<0.00405	<0.00579
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00542	<0.00542	<0.00542	<0.0163	—	<0.0217	<0.00108	<0.00380	<0.00542
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00532	<0.00532	<0.00532	<0.0160	—	<0.0213	<0.00106	<0.00373	<0.00532
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00555	<0.00555	<0.00555	<0.0166	—	<0.0222	<0.00111	<0.00388	<0.00555
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00587	<0.00587	<0.00587	<0.0176	—	<0.0235	<0.00117	<0.00411	<0.00587

Table B-14 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)								
				n-Propylbenzene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)
CAS				103-65-1	135-98-8	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
Preliminary Screening Level				8,000	8,000	16,000	8,000	1.60E-03	0.32	6.27E-04	—	2.66E-04
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0500	<0.0500	<0.0500	<0.00100	<0.0500	<0.0500	—	<0.00100
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.0500	<0.0500	<0.0500	<0.0500	<0.00100	<0.0500	<0.0500	—	<0.00100
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	—	0.00180
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	0.00470	<0.0100	<0.0100	—	0.0200
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	0.00300	<0.0100	<0.0100	—	0.00990
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	0.00320	<0.0100	<0.0100	—	0.0140
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0100	<0.0100	—	0.00140
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	0.00590	<0.0100	<0.0100	—	0.0130
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	0.00270	<0.0100	<0.0100	—	0.00690
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	<0.0100	<0.0100	<0.0100	0.00410	<0.0100	<0.0100	—	0.0110
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	<0.00245	<0.00245	<0.00245	<0.00245	<0.00245	<0.00245	—	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	0.00243	<0.00117	—	0.0120
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134	—	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	<0.00365	<0.00365	<0.00365	<0.00365	<0.00365	<0.00365	—	<0.00365
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	—	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	<0.00121	<0.00121	<0.00121	<0.00121	<0.00121	<0.00121	—	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	<0.00117	—	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	<0.00116	—	<0.00116
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	<0.00118	—	<0.00118
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	<0.00115	<0.00115	<0.00115	0.00176	<0.00115	<0.00115	—	0.00507
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	—	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	0.0108	<0.00612	<0.00612	<0.00612	<0.00612	<0.00612	—	0.0216
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	0.0491	0.00716	<0.00235	<0.00235	<0.00235	<0.00235	<0.00235	—	<0.00235
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	<0.00119	—	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.00562	<0.00562	<0.00112	<0.00562	<0.00225	<0.00281	<0.00141	—	<0.00281
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00120	<0.00120	0.00550	<0.00120	<0.00120	<0.00580	0.00320
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00690	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00110	<0.00570	0.00220
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00680	0.00210
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00630	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00130	<0.00660	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00700	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00140	<0.00690	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00150	<0.00150	<0.00150	<0.00150	0.0300	<0.00150	<0.00150	<0.00730	0.0240
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00579	<0.00579	<0.00116	<0.00579	<0.00231	<0.00289	<0.00145	—	0.0185
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00542	<0.00542	<0.00108	<0.00542	<0.00217	<0.00271	<0.00136	—	0.0163
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00532	<0.00532	<0.00106	<0.00532	<0.00213	<0.00266	<0.00133	—	0.0632
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00555	<0.00555	<0.00111	<0.00555	<0.00222	<0.00277	<0.00139	—	0.00651
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00587	<0.00587	<0.00117	<0.00587	<0.00235	<0.00293	<0.00147	—	0.0260

Table B-13 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichloro trifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
				CAS 75-69-4	76-13-1	108-05-4	75-01-4
Preliminary Screening Level				24,000	2,400,000	80,000	5.49E-05
A1	A1-5.5-7	4/19/2004	5.5'-7'	<0.00107	—	—	<0.00107
A1	A1-7.5-8.5	4/19/2004	7.5'-8.5'	<0.0693	—	—	<0.0693
A1	A1-14.5-16	4/19/2004	14.5'-16'	<0.00125	—	—	<0.00125
B1	B1-4.5_03/17/2000	3/17/2000	4.5'	<0.00110	<0.00110	<0.00550	<0.00110
B1	B1-6-7.5	3/25/2004	6'-7.5'	<0.00123	—	—	<0.00123
B2	B2-10	3/20/1999	10'	<0.00130	<0.00130	<0.00630	<0.00130
B3	B3-3-4.5	4/9/2004	3'-4.5'	<0.00131	—	—	<0.00131
B4	B4-3-4.5	4/9/2004	3'-4.5'	<0.00113	—	—	<0.00113
B8	B8-15	3/20/1999	14.5'-15'	<0.00140	<0.00140	<0.00690	<0.00140
B10	B10-10-12	3/26/2003	10'-12'	<0.00651	—	—	<0.00326
BPH-1	BPH-1-3-4.5	4/19/2004	3'-4.5'	<0.0121	—	—	<0.0121
BPH-1	BPH-1-5-6.5	4/19/2004	5'-6.5'	<0.00690	—	—	<0.00690
BPH-2	BPH-2-5.5-7	4/19/2004	5.5'-7'	<0.00133	—	—	<0.00133
BPH-3	BPH-3-4.5-6	3/26/2004	4.5'-6'	<0.00118	—	—	<0.00118
BPH-4	BPH-4-3-4.5	4/20/2004	3'-4.5'	<0.00108	—	—	<0.00108
BPH-4	BPH-4-4.5-6	4/20/2004	4.5'-6'	<0.00131	—	—	<0.00131
BY-3	BY-3-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00620	0.00230
BY-3	BY-3-6-8	2/21/2002	6'-8'	<0.00130	<0.00130	<0.00670	0.0640
BY-4	BY-4-4-6	2/21/2002	4'-6'	<0.00130	<0.00130	<0.00650	0.0150
BY-4	BY-4-6-7.5	2/21/2002	6'-7.5'	<0.00140	<0.00140	<0.00690	<0.00140
BY-5	BY-5-5-7	2/22/2002	5'-7'	<0.00120	<0.00120	<0.00590	0.00420
BY-6	BY-6-3-5	2/22/2002	3'-5'	<0.00110	<0.00110	<0.00540	<0.00110
BY-6	BY-6-7-8.5	2/22/2002	7'-8.5'	<0.00290	<0.00290	<0.0140	<0.00290
C1	C1-3-4.5	3/25/2004	3'-4.5'	<0.00120	—	—	<0.00120
C6	C6-8.5-10	4/9/2004	8.5'-10'	<0.00116	—	—	<0.00116
C7	C7-6-7.5	3/31/2004	6'-7.5'	<0.00122	—	—	<0.00122
CENTER-3	CENTER-3	4/9/2004	7'	<0.00644	—	—	<0.00322
CPB-1	CPB-1-3-4.5	4/12/2004	3'-4.5'	<0.00115	—	—	<0.00115
CPB-1	CPB-1-7.5-9	4/12/2004	7.5'-9'	<0.00119	—	—	<0.00119
D0	D0-3-4.5	3/30/2004	3'-4.5'	<0.00129	—	—	<0.00129
D0	D0-7.5-9	3/30/2004	7.5'-9'	<0.00120	—	—	<0.00120
D1	D1-3-4.5	3/25/2004	3'-4.5'	<0.00122	—	—	<0.00122
D2	D2-3.5-5	3/25/2004	3.5'-5'	<0.00108	—	—	<0.00108
D3	D3-6-7.5	3/24/2004	6'-7.5'	<0.00117	—	—	<0.00117
D4	D4-6-7.5	3/25/2004	6'-7.5'	<0.00120	—	—	<0.00120
D5	D5-6-7.5	4/7/2004	6'-7.5'	<0.00117	—	—	<0.00117
D7	D7-5.5-7	3/19/2004	5.5'-7'	<0.00114	—	—	<0.00114
DG11-8	DG11-8-8	9/12/2011	7.5'-8.5'	<0.00120	<0.00240	<0.00600	<0.00120
DG11-8	DG11-8-15	9/12/2011	14'-15'	<0.00130	<0.00260	<0.00640	<0.00130
DS-1	DS-1-3-5	2/22/2002	3'-5'	<0.00110	<0.00110	<0.00570	<0.00110
DS-2	DS-2-6-8	2/22/2002	6'-8'	<0.00110	<0.00110	<0.00570	0.00280
E0	E0-3-4.5	3/31/2004	3'-4.5'	<0.00117	—	—	<0.00117
E1	E1-6-7.5	3/22/2004	6'-7.5'	<0.00126	—	—	<0.00126
E2	E2-3-4.5	3/22/2004	3'-4.5'	<0.00107	—	—	<0.00107
E3	E3-3-4.5	3/22/2004	3'-4.5'	<0.00113	—	—	<0.00113
E3	E3-5.5-7	3/22/2004	5.5'-7'	<0.00124	—	—	<0.00124
E6	E6-3-4.5	3/19/2004	3'-4.5'	<0.00110	—	—	<0.00110
E7	E7-3-4.5	3/22/2004	3'-4.5'	<0.123	—	—	<0.123
E7	E7-5.5-7	3/22/2004	5.5'-7'	<0.00143	—	—	<0.00143
E7-B1-9	E7-B1-9_20030303	3/3/2003	9'	<0.102	—	—	<0.102
E7-S1-6	E7-S1-6_20030303	3/3/2003	6'	<0.114	—	—	<0.114
E7-S5-7	E7-S5-7_20030303	3/3/2003	7'	<0.114	—	—	<0.114
EAST-1	EAST-1	4/1/2004	5'	<0.00620	—	—	<0.00310
EAST-3	EAST-3	4/1/2004	7'	<0.00588	—	—	<0.00294
FO	FO-3-4.5	3/30/2004	3'-4.5'	<0.00119	—	—	<0.00119

Table B-13 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichloro trifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
				CAS 75-69-4	76-13-1	108-05-4	75-01-4
Preliminary Screening Level				24,000	2,400,000	80,000	5.49E-05
F1	F1-3-4.5	3/19/2004	3'-4.5'	<0.00135	—	—	<0.00135
F1	F1-6-7.5	3/19/2004	6'-7.5'	<0.00132	—	—	<0.00132
F4	F4-3-4.5	3/17/2004	3'-4.5'	<0.00128	—	—	<0.00128
F5	F5-6-7.5	4/7/2004	6'-7.5'	<0.00129	—	—	<0.00129
F6	F6-6-7.5	3/22/2004	6'-7.5'	<0.00125	—	—	<0.00125
F7	F7-3-4.5	3/22/2004	3'-4.5'	<0.00127	—	—	<0.00127
FPD-1	FPD-1-4-5.5	3/24/2004	4.5'-5'	<0.00124	—	—	<0.00124
FPD-1	FPD-1-7-8.5	3/24/2004	7'-8.5'	<2.53	—	—	<2.53
FPD-1	FPD-1-10.5-12	3/24/2004	10.5'-12'	<0.00127	—	—	<0.00127
FPD-2	FPD-2-6.7.5	3/24/2004	6'-7.5'	<0.00119	—	—	<0.00119
FPD-4	FPD-4-4.5-6	3/24/2004	4.5'-6'	<0.479	—	—	<0.479
FPD-4	FPD-4-6.5-8	3/24/2004	6.5'-8'	<0.117	—	—	<0.117
FPD-5	FPD-5-7-8.5	3/24/2004	7'-8.5'	<0.128	—	—	<0.128
FPD-5	FPD-5-9-10.5	3/24/2004	9'-10.5'	<0.132	—	—	<0.132
FPD-5	FPD-5-12.5-14	3/24/2004	12.5'-14'	<0.00133	—	—	<0.00133
FST-1	FST-1-5-6.5	4/6/2004	5'-6.5'	<0.00690	—	—	<0.00690
FTF-1	FTF-1-5.5-7	4/7/2004	5.5'-7'	<0.00123	—	—	<0.00123
FTF-2	FTF-2-5.5-7	4/7/2004	5.5'-7'	<0.00132	—	—	<0.00132
FWW-1	FWW-1-6.5-8	4/7/2004	6.5'-8'	<0.125	—	—	<0.125
FWW-2	FWW-2-5.5-7	4/7/2004	5.5'-7'	<0.00123	—	—	<0.00123
G0	GO-3-4.5	3/30/2004	3'-4.5'	<0.00125	—	—	<0.00125
G0	GO-6-7.5	3/30/2004	6'-7.5'	<0.00117	—	—	<0.00117
G1	G1-3-4.5	3/16/2004	3'-4.5'	<0.00136	—	—	<0.00136
G1	G1-6-7.5	3/16/2004	6'-7.5'	<0.00125	—	—	<0.00125
H0	HO-3-4.5	3/31/2004	3'-4.5'	<0.00132	—	—	<0.00132
H0	HO-6-7.5	3/31/2004	6'-7.5'	<0.00337	—	—	<0.00337
H4	H4-3-4.5	3/16/2004	3'-4.5'	<0.00112	—	—	<0.00112
H7	H7-8.5-10	3/29/2004	8.5'-10'	<0.00119	—	—	<0.00119
J2	J2-6-7.5	4/19/2004	6'-7.5'	<0.00137	—	—	<0.00137
J6	J6-3-4.5	3/23/2004	3'-4.5'	<0.00139	—	—	<0.00139
J7	J7-3-4.5	4/1/2004	3'-4.5'	<0.00130	—	—	<0.00130
K4	K4-3-4.5	4/7/2004	3'-4.5'	<0.00105	—	—	<0.00105
L2	L2-3-4.5	3/19/2004	3'-4.5'	<0.00104	—	—	<0.00104
L2	L2-6-7.5	3/19/2004	6'-7.5'	<0.00117	—	—	<0.00117
L4	L4-3-4.5	3/18/2004	3'-4.5'	<0.00100	—	—	<0.00100
L5	L5-4-5.5	4/1/2004	4'-5.5'	<0.00108	—	—	<0.00108
L6	L6-6.5-8	4/1/2004	6.5'-8'	<0.00117	—	—	<0.00117
L7	L7-6.5-8	4/1/2004	6.5'-8'	<0.00126	—	—	<0.00126
M4	M4-6.5-8	4/12/2004	6.5'-8'	<0.00228	—	—	<0.00228
M5	M5-7-8.5	3/29/2004	7'-8.5'	<0.00111	—	—	<0.00111
M6	M6-6.5-8	4/1/2004	6.5'-8'	<0.00113	—	—	<0.00113
M7	M7-5.5-7	4/5/2004	5.5'-7'	<0.00157	—	—	<0.00157
MBS-1	MBS-1-3.5-5	4/20/2004	3.5'-5'	<0.00125	—	—	<0.00125
MBS-1	MBS-1-5.5-7	4/20/2004	5.5'-7'	<0.00126	—	—	<0.00126
MBS-2	MBS-2-3.5-5	4/20/2004	3.5'-5'	<0.00137	—	—	<0.00137
MBS-2	MBS-2-5.5-7	4/20/2004	5.5'-7'	<0.127	—	—	<0.127
MW-38A	MW38-35	5/2/2002	35'	<0.00100	<0.00100	<0.00500	0.00170
MW-40B	091411-MW-40B-SB-14	9/14/2011	14'-15'	<0.00130	<0.00260	<0.00640	<0.00130
MW-40B	091411-MW-40B-SB-40.5	9/14/2011	40'-40.5'	<0.00130	<0.00260	<0.00660	<0.00130
MW-43	091411-MW-43-SB-6.5	9/14/2011	6.5'-7.5'	<0.00150	<0.00300	<0.00750	0.0720
MW-44A	092811-MW-44A-SB-10	9/28/2011	10'-11'	<0.00130	<0.00260	<0.00660	<0.00130
MW-44B	091911-MW-44B-SB-10	9/19/2011	9'-10'	<2.70	<5.30	<13.0	<2.70
MW-44B	091911-MW-44B-SB-7.5	9/19/2011	7'-8'	<2.90	<5.80	<14.0	<2.90
MW-45A	092111-MW-45A-SB-6	9/21/2011	5'-6'	<0.00120	<0.00240	<0.00610	<0.00120
MW-46A	091511-MW-46A-SB-6.5	9/15/2011	6'-7'	<0.0900	<0.180	<0.450	<0.0900
MW-46A	091511-MW-46A-SB-9	9/15/2011	9'-10'	<0.170	<0.340	<0.840	<0.170
MW-47A	091611-MW-47A-SB-8	9/16/2011	7.5'-8.5'	<0.00120	<0.00240	<0.00600	<0.00120
MW-47A	091611-MW-47A-SB-12	9/16/2011	12'-13'	<0.00120	<0.00240	<0.00600	0.00300
MW-47B	091911-MW-47B-SB-35	9/19/2011	35'-40'	<0.00130	<0.00260	<0.00650	0.00260

Table B-13 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichloro trifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
				CAS 75-69-4	76-13-1	108-05-4	75-01-4
			Preliminary Screening Level	24,000	2,400,000	80,000	5.49E-05
MW-48A	091511-MW-48A-SB-4	9/15/2011	3'-4'	<0.00120	<0.00250	<0.00620	<0.00120
MW-48A	091511-MW-48A-SB-10	9/15/2011	10'-11'	<0.00120	<0.00240	<0.00610	<0.00120
MW-48B	091511-MW-48B-SB-35	9/15/2011	35'-36'	<0.00130	<0.00270	<0.00670	<0.00130
MW-49A	091611-MW-49A-SB-10	9/16/2011	9'-10'	<0.00130	<0.00260	<0.00650	<0.00130
MW-49A	091611-MW-49A-SB-5	9/16/2011	4.5'-5'	<0.00150	<0.00300	<0.00740	<0.00150
MW-49B	091611-MW-49B-SB-40	9/16/2011	40'-41'	<0.00130	<0.00260	<0.00650	<0.00130
N1	N1-3-4.5	4/12/2004	3'-4.5'	<0.00144	—	—	<0.00144
N4	N4-5-7	4/12/2004	5'-7'	<0.00121	—	—	<0.00121
N5	N5-6-7.5	3/23/2004	6'-7.5'	<0.00135	—	—	<0.00135
NA-1	NA-1-3-5	2/21/2002	3'-5'	<0.0120	<0.0120	<0.0610	<0.0120
NA-1	NA-1-6-7	2/21/2002	6'-7'	<1.60	<1.60	<7.90	<1.60
NA-2	NA-2-3-5	2/20/2002	3'-5'	<0.00120	<0.00120	<0.00600	<0.00120
NA-2	NA-2-5-7	2/20/2002	5'-7'	<0.150	<0.150	<0.760	<0.150
NA-3	NA-3-4-5	2/20/2002	4'-5'	<0.00120	<0.00120	<0.00580	<0.00120
NA-3	NA-3-5-7	2/20/2002	5'-7'	<0.00130	<0.00130	<0.00640	<0.00130
NA-4	NA-4-3-5-5	2/20/2002	3.5'-5'	<0.00120	<0.00120	<0.00600	<0.00120
NA-4	NA-4-5-6	2/20/2002	5'-6'	<0.00120	<0.00120	<0.00580	<0.00120
NA-5	NA-5-3-5	2/20/2002	3'-5'	<0.00220	<0.00220	<0.0110	<0.00220
NA-5	NA-5-5-7	2/20/2002	5'-7'	<0.160	<0.160	<0.790	<0.160
NA-6	NA-6-6.5-7.5	2/20/2002	6.5'-7.5'	<0.00120	<0.00120	<0.00610	<0.00120
NA-7	NA-7-5.5-6.5	2/21/2002	5.5'-6.5'	<1.40	<1.40	<7.20	<1.40
NA-8	NA-8-5-7	2/20/2002	5'-7'	<0.00130	<0.00130	<0.00650	<0.00130
OPD-1	OPD-1-6-7.5	4/12/2004	6'-7.5'	<0.00124	—	—	<0.00124
P3	P3-5-6.5	4/12/2004	5'-6.5'	<0.00145	—	—	<0.00145
P4	P4-3-4.5	4/12/2004	3'-4.5'	<0.00140	—	—	<0.00140
PMA-1	PMA-1-5-6.5	4/7/2004	5'-6.5'	<0.00135	—	—	<0.00135
Q2	Q2-5-6.5	4/6/2004	5'-6.5'	<0.00139	—	—	<0.00139
Q3	Q3-5-6.5	4/2/2004	5'-6.5'	<0.00132	—	—	<0.00132
R4	R4-3-4.5	4/2/2004	3'-4.5'	<0.00137	—	—	<0.00137
R6	R6-5-6.5	4/6/2004	5'-6.5'	<0.00137	—	—	<0.00137
RRS-1	RRS-1-5-6.5	4/15/2004	5'-6.5'	<0.00141	—	—	<0.00141
RRS-5	RRS-5-5-6.5	4/16/2004	5'-6.5'	<0.00135	—	—	<0.00135
S5	S5-5-6.5	4/6/2004	5'-6.5'	<0.00152	—	—	<0.00152
SFA-7	SFA-7-4-5_3292004	3/29/2004	4'-5'	<0.000500	—	—	<0.000450
SFA-B2-8	SFA-B2-8_4292004	4/29/2004	7.5'-8'	<0.000500	—	—	<0.000450
SFA-B9-5	SFA-B9-5_712004	7/1/2004	4.5'-5'	<0.000500	—	—	<0.000450
SFA-N11-3.5	SFA-N11-3.5_722004	7/2/2004	3.5'	<0.000500	—	—	<0.000450
SFA-N1-8	SFA-N1-8_4282004	4/28/2004	8'	<0.000500	—	—	<0.000450
SFA-N1-8 RE1	SFA-N1-8 RE1_4282004	4/28/2004	8'	<0.0240	—	—	—
SFA-N2-8	SFA-N2-8_4292004	4/29/2004	8'	—	—	—	<0.0290
SFA-S4-7.5	SFA-S4-7.5_4292004	4/29/2004	7.5'	<0.000500	—	—	<0.000450
SPB-1	SPB-1-6.5-8	4/19/2004	6.5'-8'	<0.00151	—	—	<0.00151
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	<0.500	—	—	<0.00100
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	<0.500	—	—	<0.00100
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	<0.0100	—	—	<0.00100
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	<0.0100	—	—	<0.00100
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	<0.0100	—	—	<0.00100
SS-BOT-08	SS-BOT-08_20071206	12/6/2007	6.5'-7'	<0.0100	—	—	<0.00100
SS-BOT-1	SS-BOT-1_20071101	11/1/2007	5.5'-6'	<0.500	—	—	<0.00100
SS-BOT-2	SS-BOT-2_20071101	11/1/2007	14.5'-15'	<0.500	—	—	<0.00100
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-05	SS-DUP2_20071102	11/2/2007	7.5'-8'	<0.500	—	—	<0.00100
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.00100

Table B-13 - Volatile Organic Compounds in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Volatile Organic Compound's (milligrams per kilogram)			
				Trichlorofluoromethane (CFC-11)	Trichloro trifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
				CAS 75-69-4	76-13-1	108-05-4	75-01-4
Preliminary Screening Level				24,000	2,400,000	80,000	5.49E-05
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	<0.500	—	—	<0.00100
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	<0.0100	—	—	<0.00100
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	<0.0100	—	—	<0.00100
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.00245	—	—	<0.00245
SWS-2	SWS-2-3-5-5	4/8/2004	3.5'-5'	<0.00117	—	—	0.00660
SWS-2	SWS-2-9.5-11	4/8/2004	9.5'-11'	<0.00134	—	—	<0.00134
SWS-3	SWS-3-6-7.5	4/8/2004	6'-7.5'	<0.00365	—	—	<0.00365
SWS-4	SWS-4-13-15	4/8/2004	13'-15'	<0.00130	—	—	<0.00130
SWS-4	SWS-4-5.5-7	4/8/2004	5.5'-7'	<0.00121	—	—	<0.00121
SWS-5	SWS-5-6-7.5	4/8/2004	6'-7.5'	<0.00117	—	—	<0.00117
SWS-6	SWS-6-5-6.5	4/8/2004	5'-6.5'	<0.00116	—	—	<0.00116
SWS-7	SWS-7-6-7.5	4/8/2004	6'-7.5'	<0.00118	—	—	<0.00118
TSA-2	TSA-2-3-4	4/20/2004	3'-4'	<0.00115	—	—	<0.00115
TSA-2	TSA-2-5-6.5	4/20/2004	5'-6.5'	<0.00113	—	—	<0.00113
TSA-2	TSA-2-8-10	4/20/2004	8'-10'	<0.00612	—	—	<0.00612
TSA-2	TSA-2-16-18	4/20/2004	16'-18'	<0.00235	—	—	0.0166
TSA-3	TSA-3-6-7.5	3/25/2004	6'-7.5'	<0.00119	—	—	<0.00119
WEST-3	WEST-3	4/1/2004	5'	<0.00562	—	—	<0.00281
WP-1	WP-1-3-5	2/21/2002	3'-5'	<0.00120	<0.00120	<0.00580	<0.00120
WP-1	WP-1-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00690	<0.00140
WP-2	WP-2-3-5	2/21/2002	3'-5'	<0.00110	<0.00110	<0.00570	<0.00110
WP-2	WP-2-5-7	2/21/2002	5'-7'	<0.00140	<0.00140	<0.00680	<0.00140
WP-3	WP-3-3-5	2/21/2002	3'-5'	<0.00130	<0.00130	<0.00630	<0.00130
WP-3	WP-3-5-7	2/21/2002	5'-7'	<0.00130	<0.00130	<0.00660	<0.00130
WP-4	WP-4-5-6	2/26/2002	5'-6'	<0.00140	<0.00140	<0.00700	<0.00140
WP-5	WP-5-6-7	2/26/2002	6'-7'	<0.00140	<0.00140	<0.00690	<0.00140
WP-6	WP-6-5-6	2/26/2002	5'-6'	<0.00150	<0.00150	<0.00730	<0.00150
WVET-5	WVET-5	4/5/2004	4'-4'	<0.00579	—	—	<0.00289
WVET-6	WVET-6	4/5/2004	4'-4'	<0.00542	—	—	<0.00271
WVET-11	WVET-11	5/12/2004	4'-4'	<0.00532	—	—	<0.00266
WVET-17	WVET-17	5/28/2004	4'-4'	<0.00555	—	—	<0.00277
WVET-18	WVET-18	5/28/2004	4'-4'	<0.00587	—	—	<0.00293

Notes:
 Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable saturated soil.
 < - sample less than the indicated method detection limit
 Bold indicates analyte detected
 Orange indicates value is above the preliminary screening level
 Blue indicates method reporting limit greater than screening level
 D - sample diluted
 J - estimated concentration above the method detection limit but below the method reporting limit
 R - sample result rejected due to being non detect and having no surrogate recovery
 Y - estimated concentration

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
A1	A1-RGW_4192004	4/19/2004	40.4	7120	7080	101000	—	<0.224	<0.266	<0.255	<0.253
B1	BI-RGW_3252004	3/25/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
F1	F1-RGW_3192004	3/19/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
F3	F3-RGW_3172004	3/17/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
F5	F5-RGW_472004	4/7/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
FTF-1	FTF-1-RGW_472004	4/7/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
G6	G6-RGW_3182004	3/18/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
H3	H3-RGW RE1_3172004	3/17/2004	<4.52	<4.82	<4.46	<4.04	—	<4.48	<5.32	<5.10	<5.06
J2	J2-RGW_4192004	4/19/2004	1.86	5.97	6.37	6.46	—	<0.224	<0.266	<0.255	<0.253
J4	J4-RGW_3182004	3/18/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
K5	K5-RGW_412004	4/1/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
L1	L1-RGW_4202004	4/20/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
L3	L3-RGW_3192004	3/19/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
L6	L6-RGW_412004	4/1/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
M7	M7-RGW_452004	4/5/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	0.500	2.40	3.60	0.200	—	<0.200	<0.200	<0.400Y	<0.200
MW-6A	093011-MW6A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-6A(R)	MW-6A(R)	4/29/2004	<0.155	<0.163	—	0.296J	<0.502	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-7A	MW-7A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-7A	2/20/2004	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-7A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-7A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW7-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-7A	MW7A-032509	3/25/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	0.300	<0.200	<0.200
MW-7A	MW7A-63009	6/30/2009	<0.200	<0.200	<0.200	0.300	—	<0.200	<0.200	<0.200	<0.200
MW-7A	MW7A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-7A	092711-MW7A	9/27/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	6.60	<1.00	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	<1.00	—	—	—	6.80	—	4.40	—	<1.00
MW-8A	MW-8A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	4.60	—	<1.00
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	6.60	<0.200	<0.200
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	12.0	<0.200	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	0.200	<0.200	<0.200	<0.200	—	<0.200	4.40	<0.200	<0.200
MW-8A	100311-MW8A	10/3/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-8B	100411-MW8B	10/4/2011	0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	2.00	<0.200	<0.200
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-9A	092811-MW-9A	9/28/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-12A	MW-12A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-12A	092911-MW12A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	120	<1.00	1.00J
MW-14A	MW-14A_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	91.0	—	<1.00
MW-14A	MW-14A_2001_4_11	4/11/2001	<1.00	—	—	—	<2.00	—	100	—	<1.00
MW-14A	MW-14A_03/27/2002	3/27/2002	0.400	<0.200	<0.200	32.0J	—	<0.200	80.0	<0.200	0.600
MW-14A	MW-101A	3/27/2002	0.400	<0.200	<0.200	50.0	—	<0.200	80.0	<0.200	0.500
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	<1.00	<1.00	—	<1.00	62.0	<1.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	60.0	<0.200	0.400
MW-14A	092911-MW14A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	43.0	<0.200	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	2.20	<0.200	<0.200
MW-15A	100311-MW200	10/3/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	0.200	<0.200	<0.200	—	<0.200	30.0	<0.200	<0.200
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	5.50	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	5.60	<0.200	<0.200
MW-16A	MW-105	8/14/2006	0.200	<0.200	<0.200	0.400	—	<0.200	1.20	<0.200	<0.200
MW-16A	MW-16A_08/14/2006	8/14/2006	0.200	<0.200	<0.200	0.500	—	<0.200	0.900	<0.200	<0.200
MW-16A	093011-MW16A	9/30/2011	0.400	<0.200	0.400	0.300	—	<0.200	0.300	<0.200	<0.200
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	1.00	<1.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	1.40	—	—	—	<2.00	—	<1.00	—	<1.00
MW-18A	MW-18A_2001_4_11	4/11/2001	<1.00	—	—	—	<2.00	—	1.40	—	<1.00
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.70	<0.200	<0.200
MW-18A	092911-MW18A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	0.300	<0.200	<0.200
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.20	<0.200	<0.200
MW-22A	093011-MW22A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	29.0	<0.200	<0.200
MW-23A	092911-MW23A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	2.50	<0.200	<0.200
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-24A	MW-24A_2000_11_8	11/8/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-24A	MW-24A_2001_4_11	4/11/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	0.300	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-24A	100411-MW24A	10/4/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-25A	MW-25A_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-25A	MW-25A_2001_4_11	4/11/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-25A	093011-MW25A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_2000_11_6	11/6/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-26A	MW-26A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-26A	MW-26A_03/29/2002	3/29/2002	0.400	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW-26A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26A	ALT-26A	2/27/2006	0.300	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	AHT-26A	2/27/2006	0.400	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW-26A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
CAS			71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
Preliminary Screening Level			1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW-26A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26A	DUP-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	101311-MW26A	10/13/2011	<0.200	0.200J	0.200J	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26A	101311-MW600	10/13/2011	<0.200J	<0.200J	<0.200J	<0.200J	—	<0.200J	<0.200J	<0.200J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	0.200	—	<0.200	<0.200	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
		CAS	71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
		Preliminary Screening Level	1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-27A	MW-27A_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-27A	MW-27A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-27A	MW-27A_03262002	3/26/2002	0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-27A	093011-MW27A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-28A	MW-28A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28A	MW-104	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28A	100311-MW28A	10/3/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	<0.200	<0.200	<0.200	0.500	—	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-29A	MW-29A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-29A	MW-29A_03262002	3/26/2002	0.300	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-29A	022706-MW-29A	2/27/2006	0.400	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	0.300	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW29-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW29-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-29A	MW29-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	101211-MW29A	10/12/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29B	101211-MW29B	10/12/2011	<0.200J	<0.200J	<0.200J	<0.200J	—	<0.200J	<0.200J	<0.200J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-29C	101211-MW400	10/12/2011	<0.200J	<0.200J	<0.200J	<0.200J	—	<0.200J	<0.200J	<0.200J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-30A	MW-30A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW30-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-032509	3/25/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-30A	092911-MW30A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-31A	MW-31A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-31A	MW-31A_03262002	3/26/2002	0.400	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-31A	MW-31A	5/15/2002	0.400	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-32A	MW-32A_2001_4_10	4/10/2001	<1.00	—	—	—	<2.00	—	<1.00	—	<1.00
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-32A	092711-MW32A	9/27/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.20	<0.200	<0.200
MW-33A	092911-MW33A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.40	<0.200	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	13.0	<0.200	<0.200
MW-34A	092911-MW34A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.70	<0.200	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	0.300	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	MW-35A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-35A	022806-MW-35A	2/28/2006	0.300	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	MW-35A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	MW-35A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW35-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35A	101111-MW35A	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-35B	101111-MW35B	10/11/2011	<0.200	0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-36A	MW36-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	101111-MW36A	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	<0.200	0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	MW-37A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20050714	7/14/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
CAS			71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
Preliminary Screening Level			1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW37-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	092811-MW37A	9/28/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-37B	093011-MW37B	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-38A	MW38-25	5/2/2002	0.300	<0.200	0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-38A	093011-MW38A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-38A	093011-MW100	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	0.400	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-39A	100311-MW39A	10/3/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-40A	MW-40	2/17/2004	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-40A	101111-MW40A	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-40B	101111-MW300	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	MW-41A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	MW-41A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW41-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW41-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW41-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-032509	3/25/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	092911-MW41A	9/29/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-42A	MW-42A	4/29/2004	<0.155	<0.163	—	0.291J	<0.502	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	—	<0.200	0.200	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	0.800	<0.200	<0.200
MW-43A	101211-MW43A	10/12/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	BTEX (micrograms per liter)					Volatile Organic Compounds (micrograms per liter)			
			Benzene	Ethylbenzene	o-Xylene	Toluene	Total xylenes	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
	CAS		71-43-2	100-41-4	95-47-6	108-88-3	1330-20-7	630-20-6	71-55-6	79-34-5	79-00-5
	Preliminary Screening Level		1.6	31	431.70	130	331.59	7.36	5460.62	0.3000	0.9
MW-46A	100411-MW46A	10/4/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	0.300	<0.200	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.80	<0.200	0.400
MW-47A	101311-MW700	10/13/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	1.60	<0.200	0.300
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-48A	101111-MW48A	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-49A	101211-MW49A	10/12/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-49A	101211-MW500	10/12/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
MW-49B	101211-MW49B	10/12/2011	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200
N2	N2-RGW_4202004	4/20/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
N5	N5-RGW_3232004	3/23/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	1.95	<0.255	<0.253
N6	N6-RGW_3232004	3/23/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
P1	PI-RGW_4152004	4/15/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
P3	P3-RGW_4122004	4/12/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
R1	R1-RGW_422004	4/2/2004	0.560J	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
R3	R3-RGW_422004	4/2/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
R5	R5-RGW_462004	4/6/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
R7	R7-RGW_452004	4/5/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
SWS-5	SWS-5-RGW_482004	4/8/2004	<0.226	<0.241	<0.223	<0.202	—	<0.224	<0.266	<0.255	<0.253
VET-B-RGW	VET-B-RGW	3/24/2004	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
A1	A1-RGW_4192004	4/19/2004	<0.285	13.2	<0.309	<0.274	<0.294	268	<0.275	<0.324
B1	BI-RGW_3252004	3/25/2004	2.75	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
F1	F1-RGW_3192004	3/19/2004	16.9	1.65	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
F3	F3-RGW_3172004	3/17/2004	0.720J	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
F5	F5-RGW_472004	4/7/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
FTF-1	FTF-1-RGW_472004	4/7/2004	0.540J	0.520J	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
G6	G6-RGW_3182004	3/18/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
H3	H3-RGW RE1_3172004	3/17/2004	8.00J	<5.74	<6.18	<5.48	<5.88	<4.56	<5.50	<6.48
J2	J2-RGW_4192004	4/19/2004	1.20	<0.287	<0.309	<0.274	<0.294	2.00	<0.275	1.57
J4	J4-RGW_3182004	3/18/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
K5	K5-RGW_412004	4/1/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
L1	L1-RGW_4202004	4/20/2004	1.99	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
L3	L3-RGW_3192004	3/19/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
L6	L6-RGW_412004	4/1/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
M7	M7-RGW_452004	4/5/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	32.0	<1.00	<0.200
MW-6A	093011-MW6A	9/30/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	<1.00	<1.00	—	—	—	—	—	<1.00
MW-7A	MW-7A_2001_4_10	4/10/2001	<1.00	<1.00	—	—	—	—	—	<1.00
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-7A	MW-7A	2/20/2004	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-7A	MW-7A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20060626	6/26/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-7A	MW-7A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_20070413	4/13/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-7A	MW7-123108	12/31/2008	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-7A	MW7A-032509	3/25/2009	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-7A	MW7A-63009	6/30/2009	0.800	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-7A	MW7A-92309	9/23/2009	0.800	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-7A	092711-MW7A	9/27/2011	4.20	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	6.50	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	19.0	<1.00	—	—	—	—	—	<1.00
MW-8A	MW-8A_2001_4_10	4/10/2001	5.70	<1.00	—	—	—	—	—	<1.00
MW-8A	MW-8A_03/28/2002	3/28/2002	4.40	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-8A	030306-MW-8A	3/3/2006	8.20	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	7.10	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-8A	100311-MW8A	10/3/2011	3.00	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	1.00	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-8B	030606-MW-8B	3/6/2006	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-8B	100411-MW8B	10/4/2011	0.800	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	0.900	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-9A	030306-MW-9A	3/3/2006	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-9A	092811-MW-9A	9/28/2011	0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-11A	100311-MW11A	10/3/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	18.0	8.80	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	7.00	3.80	—	—	—	—	—	<1.00
MW-12A	MW-12A_2001_4_10	4/10/2001	4.20	2.40	—	—	—	—	—	<1.00
MW-12A	MW-12A_03/26/2002	3/26/2002	3.10	2.00	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-12A	092911-MW12A	9/29/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	31.0	14.0	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-14A	MW-14A_2000_11_7	11/7/2000	19.0	9.60	—	—	—	—	—	<1.00
MW-14A	MW-14A_2001_4_11	4/11/2001	37.0	20.0	—	—	—	—	—	<1.00
MW-14A	MW-14A_03/27/2002	3/27/2002	13.0	12.0	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-14A	MW-101A	3/27/2002	11.0	8.90	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-14A	030306-MW-14A	3/3/2006	6.80	3.20	<1.00	<2.50	<2.50	<1.00	<10.0	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	5.60	2.40	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-14A	092911-MW14A	9/29/2011	1.50	1.00	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	0.510	3.18	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	0.800	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-15A	100311-MW200	10/3/2011	1.80	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	22.6	2.41	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	3.20	<0.200	<0.200	<0.500	<0.500	0.500	<1.00	<0.200
MW-16A	030606-MW-102	3/6/2006	2.70	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene			
			CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6		
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22	
MW-16A	030606-MW-16A	3/6/2006	2.60	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200	
MW-16A	MW-105	8/14/2006	2.60	<0.200	<0.200	<0.500	<0.500	2.70	<2.00	<0.200	
MW-16A	MW-16A_08/14/2006	8/14/2006	2.40	<0.200	<0.200	<0.500	<0.500	2.80	<2.00	<0.200	
MW-16A	093011-MW16A	9/30/2011	0.900	<0.200	<0.200	<0.500	<0.500	1.20	<0.500	<0.200	
MW-16A	MW-16A-1/28/2019	1/28/2019	0.290	0.510	—	—	—	—	—	—	
MW-18A	MW-18A_03/28/2000	3/28/2000	11.0	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00	
MW-18A	MW-18A_2000_11_6	11/6/2000	2.70	<1.00	—	—	—	—	—	<1.00	
MW-18A	MW-18A_2001_4_11	4/11/2001	2.20	<1.00	—	—	—	—	—	<1.00	
MW-18A	MW-18A_03/27/2002	3/27/2002	2.40	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200	
MW-18A	092911-MW18A	9/29/2011	0.800	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200	
MW-18A	MW-18A-1/23/2019	1/23/2019	3.88	0.270	—	—	—	—	—	—	
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200	
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200	
MW-22A	093011-MW22A	9/30/2011	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200	
MW-22A	MW-22A-1/28/2019	1/28/2019	<0.0500	<0.0500	—	—	—	—	—	—	
MW-23A	MW-23A_03/27/2002	3/27/2002	4.20	0.400	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200	
MW-23A	092911-MW23A	9/29/2011	4.60	0.500	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200	
MW-23A	MW-23A-1/28/2019	1/28/2019	<0.0500	0.200J	—	—	—	—	—	—	
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00	
MW-24A	MW-24A_2000_11_8	11/8/2000	<1.00	<1.00	—	—	—	—	—	<1.00	
MW-24A	MW-24A_2001_4_11	4/11/2001	<1.00	<1.00	—	—	—	—	—	<1.00	
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.500	<0.500	0.400	<1.00	<0.200	
MW-24A	100411-MW24A	10/4/2011	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200	
MW-24A	MW-24A-1/28/2019	1/28/2019	<0.0500	<0.0500	—	—	—	—	—	—	
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00	
MW-25A	MW-25A_2000_11_7	11/7/2000	<1.00	<1.00	—	—	—	—	—	<1.00	
MW-25A	MW-25A_2001_4_11	4/11/2001	<1.00	<1.00	—	—	—	—	—	<1.00	
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200	
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200	
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200	
MW-25A	093011-MW25A	9/30/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200	
MW-25A	MW-25A-1/28/2019	1/28/2019	<0.0500	<0.0500	—	—	—	—	—	—	
MW-26A	MW-26A_03/27/2000	3/27/2000	4.50	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00	
MW-26A	MW-26A_2000_11_6	11/6/2000	28.0	<1.00	—	—	—	—	—	<1.00	
MW-26A	MW-26A_2001_4_10	4/10/2001	21.0	<1.00	—	—	—	—	—	<1.00	
MW-26A	MW-26A_03/29/2002	3/29/2002	11.0	0.400	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200	
MW-26A	MW-26A_20050131	1/31/2005	56.2	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
MW-26A	MW-26A_20050404	4/4/2005	29.8	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
MW-26A	MW-26A_20050712	7/12/2005	9.34	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
MW-26A	MW-26A_20050927	9/27/2005	5.39	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
MW-26A	MW-26A_20051227	12/27/2005	4.35	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
MW-26A	ALT-26A	2/27/2006	3.80	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200	
MW-26A	AHT-26A	2/27/2006	4.50	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200	
MW-26A	MW-26A_20060411	4/11/2006	2.21	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	
MW-26A	MW-26A_20060626	6/26/2006	1.78	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00	

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS 75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-26A	MW-26A_08/07/2006	8/7/2006	1.70	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26A	MW-26A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_20070413	4/13/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-26A	DUP-123108	12/31/2008	0.700	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	MW26-123108	12/31/2008	0.600	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	DUP-032609	3/26/2009	0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	DUP-63009	6/30/2009	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	MW26A-63009	6/30/2009	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	DUP-92309	9/23/2009	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	MW26A-92309	9/23/2009	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	DUP-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-26A	101311-MW26A	10/13/2011	0.300J	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-26A	101311-MW600	10/13/2011	<0.200J	<0.200J	<0.200J	<0.500	<0.500J	<0.200J	<0.500J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	0.680	<0.0500	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	<1.00	<1.00	—	—	—	—	—	<1.00
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26B	101311-MW26B	10/13/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	<1.00	<1.00	—	—	—	—	—	<1.00
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-26C	101311-MW26C	10/13/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	4.40	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS 75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-27A	MW-27A_2000_11_7	11/7/2000	1.90	<1.00	—	—	—	—	—	<1.00
MW-27A	MW-27A_2001_4_10	4/10/2001	<1.00	<1.00	—	—	—	—	—	<1.00
MW-27A	MW-27A_03262002	3/26/2002	0.700	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-27A	093011-MW27A	9/30/2011	0.700	0.400	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	1.31	0.290	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	1.21	0.310	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	17.0	6.10	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	11.0	5.10	—	—	—	—	—	<1.00
MW-28A	MW-28A_2001_4_10	4/10/2001	7.80	5.10	—	—	—	—	—	<1.00
MW-28A	MW-28A_03/28/2002	3/28/2002	6.30	3.10	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-28A	030306-MW-28A	3/3/2006	5.80	1.90	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-28A	MW-104	8/11/2006	3.00	1.30	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	3.00	1.30	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-28A	100311-MW28A	10/3/2011	1.80	0.300	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	1.13	0.610	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	<1.00	<1.00	—	—	—	—	—	<1.00
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-28B	030306-MW-101	3/3/2006	6.00	1.80	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-28B	100311-MW28B	10/3/2011	0.500	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	5.90	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	11.0	<1.00	—	—	—	—	—	<1.00
MW-29A	MW-29A_2001_4_10	4/10/2001	8.10	<1.00	—	—	—	—	—	<1.00
MW-29A	MW-29A_03262002	3/26/2002	8.00	0.600	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-29A	MW-29A_20050131	1/31/2005	16.4	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20050404	4/4/2005	23.2	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20050929	9/29/2005	20.8	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20051227	12/27/2005	15.5	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29A	022706-MW-29A	2/27/2006	13.0	0.800	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-29A	MW-29A_20060411	4/11/2006	7.80	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20060626	6/26/2006	7.87	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	8.80	1.00	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-29A	MW-29A_20061003	10/3/2006	3.96	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20070112	1/12/2007	2.81	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_20070413	4/13/2007	3.13	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_092807	9/28/2007	1.80	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_122007	12/20/2007	1.80	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-29A	MW29-032708	3/27/2008	2.20	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-29A	MW29-061608	6/16/2008	2.10	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-29A	MW-29A_093008	9/30/2008	2.80	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS 75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-29A	MW29-123108	12/31/2008	3.80	0.300	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-29A	MW29A-032609	3/26/2009	2.20	0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-29A	MW29A-63009	6/30/2009	1.70	0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-29A	MW29A-92309	9/23/2009	0.800	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-29A	MW29A-122309	12/23/2009	0.500	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-29A	101211-MW29A	10/12/2011	0.700	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-29A	MW-29A-1/31/2019	1/31/2019	0.810	<0.0500	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	1.20	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-29B	101211-MW29B	10/12/2011	<0.200J	<0.200J	<0.200J	<0.500J	<0.500J	<0.200J	<0.500J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-29C	101211-MW29C	10/12/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-29C	101211-MW400	10/12/2011	<0.200J	<0.200J	<0.200J	<0.500J	<0.500J	<0.200J	<0.500J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	2.50	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	1.10	<1.00	—	—	—	—	—	<1.00
MW-30A	MW-30A_2001_4_10	4/10/2001	2.90	<1.00	—	—	—	—	—	<1.00
MW-30A	MW-30A_03262002	3/26/2002	2.40	0.500	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-30A	MW-30A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	AHT-DUP	2/28/2006	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-30A	ALT-MW-30A	2/28/2006	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-30A	AHT-MM-30A	2/28/2006	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-30A	MW-30A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20060626	6/26/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-30A	MW-30A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_20070413	4/13/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-30A	MW30-123108	12/31/2008	0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-30A	MW30A-032509	3/25/2009	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-30A	MW30A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-30A	MW30A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-30A	MW30A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-30A	092911-MW30A	9/29/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-30A	MW-30A-1/24/2019	1/24/2019	0.150J	<0.0500	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	5.50	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	16.0	<1.00	—	—	—	—	—	<1.00
MW-31A	MW-31A_2001_4_10	4/10/2001	11.0	<1.00	—	—	—	—	—	<1.00
MW-31A	MW-31A_03262002	3/26/2002	15.0	0.500	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-31A	MW-31A	5/15/2002	13.0	0.400	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	0.540	<0.0500	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	0.700	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<5.00	<3.00	<1.00	<5.00	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	<1.00	<1.00	—	—	—	—	—	<1.00
MW-32A	MW-32A_2001_4_10	4/10/2001	<1.00	<1.00	—	—	—	—	—	<1.00
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	0.700	<0.200	<0.500	<0.500	0.200	<1.00	<0.200
MW-32A	092711-MW32A	9/27/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	1.40	0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-33A	092911-MW33A	9/29/2011	7.00	0.400	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	1.44	<0.0500	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	2.50	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-34A	092911-MW34A	9/29/2011	2.70	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	0.210	<0.0500	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	0.210	<0.0500	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	8.20	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-35A	MW-35A_20050131	1/31/2005	9.50	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20050404	4/4/2005	4.28	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20050712	7/12/2005	2.97	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20050927	9/27/2005	4.11	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20051227	12/27/2005	3.08	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-35A	022806-MW-35A	2/28/2006	1.90	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-35A	MW-35A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20060626	6/26/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	0.600	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-35A	MW-35A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_20070413	4/13/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-35A	MW35-123108	12/31/2008	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-35A	MW35A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-35A	MW35A-63009	6/30/2009	0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-35A	MW35A-92309	9/23/2009	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-35A	MW35A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-35A	101111-MW35A	10/11/2011	0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS 75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-35A	MW-35A-1/23/2019	1/23/2019	0.160J	<0.0500	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-35B	101111-MW35B	10/11/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	MW-36A_03262002	3/26/2002	2.30	0.300	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-36A	MW-36A_20050131	1/31/2005	9.24	1.03	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20050404	4/4/2005	7.95	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20050712	7/12/2005	4.35	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20050929	9/29/2005	2.27	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20051227	12/27/2005	3.47	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-36A	022806-MW-36A	2/28/2006	4.10	1.40	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-36A	MW-36A_20060411	4/11/2006	2.55	1.26	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20060626	6/26/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	1.10	0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-36A	MW-36A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_20070413	4/13/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-36A	MW36-123108	12/31/2008	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	MW36A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	MW36A-92309	9/23/2009	0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	101111-MW36A	10/11/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-36B	101111-MW36B	10/11/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	MW-37A_03262002	3/26/2002	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-37A	MW-37A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20050714	7/14/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20060626	6/26/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_20070413	4/13/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-37A	MW37-123108	12/31/2008	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	MW37A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	MW37A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	MW37A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	092811-MW37A	9/28/2011	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	0.130J	<0.0500	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	0.140J	<0.0500	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	1.00	<0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-37B	093011-MW37B	9/30/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-38A	MW38-25	5/2/2002	5.70	0.200	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-38A	093011-MW38A	9/30/2011	2.40	0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-38A	093011-MW100	9/30/2011	2.40	0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	14.0	0.500	<0.200	<0.500	<0.500	<0.200	<1.00	<0.200
MW-39A	030206-MW-39A	3/2/2006	1.50	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	0.400	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-39A	100311-MW39A	10/3/2011	0.400	<0.200	<0.200	<0.500J	<0.500	<0.200	<0.500	<0.200
MW-40A	MW-40	2/17/2004	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
			CAS	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-40A	101111-MW40A	10/11/2011	0.900	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	0.380	0.0700J	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-40B	101111-MW300	10/11/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	0.100J	<0.0500	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	1.12	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	030206-MW-41A	3/2/2006	0.700	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-41A	MW-41A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20060626	6/26/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	0.500	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-41A	MW-41A_20061003	10/3/2006	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20070112	1/12/2007	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_20070413	4/13/2007	1.83	<1.00	<1.00	<5.00	<1.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_092807	9/28/2007	1.40	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	1.60	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-41A	MW41-032708	3/27/2008	1.60	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-41A	MW41-061608	6/16/2008	1.30	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<1.00	<5.00	<2.00	<1.00	<5.00	<1.00
MW-41A	MW41-123108	12/31/2008	0.900	0.300	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-41A	MW41A-032509	3/25/2009	1.30	0.300	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-41A	MW41A-122309	12/23/2009	0.900	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-41A	092911-MW41A	9/29/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	0.130J	<0.0500	—	—	—	—	—	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<2.00	<0.200
MW-42A	093011-MW42A	9/30/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-43A	101211-MW43A	10/12/2011	<0.200	0.300	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-43A	MW-43A-1/31/2019	1/31/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	<0.0500	<0.0500	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	0.400	0.300	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	0.260	<0.0500	—	—	—	—	—	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,1-Dichloroethane	1,1-Dichloroethylene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichloroethane (EDC)
	CAS		75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	95-63-6	96-12-8	107-06-2
	Preliminary Screening Level		11.08	129.41	—	—	—	238.51	—	4.22
MW-46A	100411-MW46A	10/4/2011	1.80	0.700	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	0.670J	0.610	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	6.20	0.900	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-47A	101311-MW700	10/13/2011	5.00	0.700	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-47A	MW-47A-2/1/2019	2/1/2019	2.53	0.470	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	0.400J	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-48A	101111-MW48A	10/11/2011	0.300	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	0.190J	<0.0500	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500	<0.200
MW-49A	101211-MW49A	10/12/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-49A	101211-MW500	10/12/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
MW-49B	101211-MW49B	10/12/2011	<0.200	<0.200	<0.200	<0.500	<0.500	<0.200	<0.500J	<0.200
N2	N2-RGW_4202004	4/20/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
N5	N5-RGW_3232004	3/23/2004	1.02	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
N6	N6-RGW_3232004	3/23/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
P1	PI-RGW_4152004	4/15/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
P3	P3-RGW_4122004	4/12/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
R1	R1-RGW_422004	4/2/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
R3	R3-RGW_422004	4/2/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
R5	R5-RGW_462004	4/6/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
R7	R7-RGW_452004	4/5/2004	<0.285	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
SWS-5	SWS-5-RGW_482004	4/8/2004	2.95	<0.287	<0.309	<0.274	<0.294	<0.228	<0.275	<0.324
VET-B-RGW	VET-B-RGW	3/24/2004	6.19	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
			CAS 78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
Preliminary Screening Level			3.1	—	—	—	—	—	—	
A1	A1-RGW_4192004	4/19/2004	<0.186	105	<0.262	—	<0.182	—	<0.225	<1.17
B1	BI-RGW_3252004	3/25/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
F1	F1-RGW_3192004	3/19/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
F3	F3-RGW_3172004	3/17/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
F5	F5-RGW_472004	4/7/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
FTF-1	FTF-1-RGW_472004	4/7/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
G6	G6-RGW_3182004	3/18/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
H3	H3-RGW RE1_3172004	3/17/2004	<3.72	<4.26	<5.24	—	<3.64	—	<4.50	<23.4
J2	J2-RGW_4192004	4/19/2004	<0.186	0.600J	<0.262	—	<0.182	—	<0.225	<1.17
J4	J4-RGW_3182004	3/18/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
K5	K5-RGW_412004	4/1/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
L1	L1-RGW_4202004	4/20/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
L3	L3-RGW_3192004	3/19/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
L6	L6-RGW_412004	4/1/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
M7	M7-RGW_452004	4/5/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	14.0	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-6A	093011-MW6A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-7A	MW-7A	2/20/2004	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-7A	MW-7A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-7A	MW-7A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-7A	MW7-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
			CAS 78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
Preliminary Screening Level			3.1	—	—	—	—	—	—	
MW-7A	MW7A-032509	3/25/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-7A	MW7A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-7A	MW7A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-7A	MW7A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-7A	092711-MW7A	9/27/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-8A	MW-8A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-8A	100311-MW8A	10/3/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-8B	MW-8B_03/28/2002	3/28/2002	0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-8B	100411-MW8B	10/4/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-9A	092811-MW-9A	9/28/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-11A	100311-MW11A	10/3/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-12A	MW-12A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	—	—	—	—	—	—
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-12A	092911-MW12A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	<1.00	—	<1.00	<2.50	<1.00	<5.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-14A	092911-MW14A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-15A	100311-MW200	10/3/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	0.300	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
			CAS 78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
Preliminary Screening Level			3.1	—	—	—	—	—	—	—
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-16A	MW-105	8/14/2006	<0.200	0.500	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-16A	MW-16A_08/14/2006	8/14/2006	<0.200	0.500	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-16A	093011-MW16A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00J	<0.200	<5.00
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-18A	092911-MW18A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-22A	093011-MW22A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-23A	092911-MW23A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	1.00R	<0.200	<5.00
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	—	—	—	—	—	—
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-24A	100411-MW24A	10/4/2011	<0.200	<0.200	<0.200	—	<0.200	1.00R	<0.200	<5.00J
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-25A	093011-MW25A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26A	MW-26A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-26A	ALT-26A	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26A	AHT-26A	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26A	MW-26A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
			CAS 78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26A	MW-26A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26A	DUP-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-26A	MW26-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-26A	DUP-032609	3/26/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-26A	MW26A-092609	3/26/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-26A	DUP-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	MW26A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	DUP-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	MW26A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	DUP-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	MW26A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	101311-MW26A	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26A	101311-MW600	10/13/2011	<0.200J	<0.200J	<0.200J	—	<0.200J	<1.00J	<0.200J	<5.00J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26B	101311-MW26B	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-26C	101311-MW26C	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-27A	MW-27A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
	CAS		78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-27A	093011-MW27A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28A	MW-104	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28A	100311-MW28A	10/3/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-28B	100311-MW28B	10/3/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29A	MW-29A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	022706-MW-29A	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29A	MW-29A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29A	MW-29A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-29A	MW-29A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-29A	MW-29A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-29A	MW29-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-29A	MW29-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-29A	MW-29A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
	CAS		78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-29A	MW29-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-29A	MW29A-032609	3/26/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-29A	MW29A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-29A	MW29A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-29A	MW29A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-29A	101211-MW29A	10/12/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29B	101211-MW29B	10/12/2011	<0.200J	<0.200J	<0.200J	—	<0.200J	<1.00J	<0.200J	<5.00J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-29C	101211-MW29C	10/12/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-29C	101211-MW400	10/12/2011	<0.200J	<0.200J	<0.200J	—	<0.200J	<1.00J	<0.200J	<5.00J
MW-30A	MW-30A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-30A	MW-30A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-30A	MW-30A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-30A	MW-30A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-30A	MW30-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-30A	MW30A-032509	3/25/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-30A	MW30A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-30A	MW30A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-30A	MW30A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-30A	092911-MW30A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
	CAS		78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-31A	MW-31A	5/15/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-32A	092711-MW32A	9/27/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-33A	092911-MW33A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-34A	092911-MW34A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-35A	MW-35A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	022806-MW-35A	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-35A	MW-35A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-35A	MW-35A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-35A	MW35-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-35A	MW35A-032609	3/26/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-35A	MW35A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-35A	MW35A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-35A	MW35A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-35A	101111-MW35A	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
	CAS		78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-35B	101111-MW35B	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-36A	MW-36A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-36A	MW-36A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-36A	MW-36A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-36A	MW36-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-36A	MW36A-032609	3/26/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-36A	MW36A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-36A	MW36A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-36A	MW36A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-36A	101111-MW36A	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-36B	101111-MW36B	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-37A	MW-37A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20050714	7/14/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-37A	MW-37A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
	CAS		78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-37A	MW37-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-37A	MW37A-032609	3/26/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-37A	MW37A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-37A	MW37A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-37A	MW37A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-37A	092811-MW37A	9/28/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-37B	093011-MW37B	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-38A	MW38-25	5/2/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-38A	093011-MW38A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-38A	093011-MW100	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-39A	MW-39A_05/15/2002	5/15/2002	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-39A	100311-MW39A	10/3/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-40A	MW-40	2/17/2004	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
			CAS 78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
Preliminary Screening Level			3.1	—	—	—	—	—	—	—
MW-40A	101111-MW40A	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-40B	101111-MW300	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20050131	1/31/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20050404	4/4/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20050712	7/12/2005	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-41A	MW-41A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-41A	MW-41A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<10.0
MW-41A	MW-41A_092807	9/28/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-41A	MW-41A_122007	12/20/2007	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-41A	MW41-032708	3/27/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-41A	MW41-061608	6/16/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<1.00	—	<1.00	<5.00	<1.00	<5.00
MW-41A	MW41-123108	12/31/2008	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-41A	MW41A-032509	3/25/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<2.50
MW-41A	MW41A-63009	6/30/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-41A	MW41A-92309	9/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-41A	MW41A-122309	12/23/2009	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-41A	092911-MW41A	9/29/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	<0.200	<0.500	<0.200	<1.00
MW-42A	093011-MW42A	9/30/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-43A	101211-MW43A	10/12/2011	1.10	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichloropropane	1-Chlorohexane	2,2-Dichloropropane	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
	CAS		78-87-5	108-67-8	142-28-9	544-10-5	594-20-7	110-75-8	95-49-8	591-78-6
	Preliminary Screening Level		3.1	—	—	—	—	—	—	—
MW-46A	100411-MW46A	10/4/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-47A	101311-MW700	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-48A	101111-MW48A	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-49A	101211-MW49A	10/12/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-49A	101211-MW500	10/12/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
MW-49B	101211-MW49B	10/12/2011	<0.200	<0.200	<0.200	—	<0.200	<1.00	<0.200	<5.00
N2	N2-RGW_4202004	4/20/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
N5	N5-RGW_3232004	3/23/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
N6	N6-RGW_3232004	3/23/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
P1	PI-RGW_4152004	4/15/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
P3	P3-RGW_4122004	4/12/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
R1	R1-RGW_422004	4/2/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
R3	R3-RGW_422004	4/2/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
R5	R5-RGW_462004	4/6/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
R7	R7-RGW_452004	4/5/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
SWS-5	SWS-5-RGW_482004	4/8/2004	<0.186	<0.213	<0.262	—	<0.182	—	<0.225	<1.17
VET-B-RGW	VET-B-RGW	3/24/2004	<1.00	<1.00	<1.00	—	<1.00	—	<1.00	<10.0

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)									
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform	
			CAS	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	—	12
A1	A1-RGW_4192004	4/19/2004	<0.286	6.01	28100J	—	—	<0.232	<0.319	—	<0.200	
B1	BI-RGW_3252004	3/25/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
F1	F1-RGW_3192004	3/19/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
F3	F3-RGW_3172004	3/17/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
F5	F5-RGW_472004	4/7/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
FTF-1	FTF-1-RGW_472004	4/7/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
G6	G6-RGW_3182004	3/18/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
H3	H3-RGW RE1_3172004	3/17/2004	<5.72	<5.48	<29.4	—	—	<4.64	<6.38	—	<4.00	
J2	J2-RGW_4192004	4/19/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
J4	J4-RGW_3182004	3/18/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
K5	K5-RGW_412004	4/1/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
L1	L1-RGW_4202004	4/20/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
L3	L3-RGW_3192004	3/19/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
L6	L6-RGW_412004	4/1/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
M7	M7-RGW_452004	4/5/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200	
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	2.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	3.70	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-6A	093011-MW6A	9/30/2011	<0.200	<0.200	7.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—	—	
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00	
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—	
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—	
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	2.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-7A	MW-7A	2/20/2004	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20050927	9/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	3.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-7A	MW-7A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	2.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	
MW-7A	MW-7A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00	
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00	
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00	
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00	
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00	
MW-7A	MW7-123108	12/31/2008	<0.200	<0.200	6.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200	

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
CAS			106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
Preliminary Screening Level			—	—	—	1.1	0.028	—	—	—	12
MW-7A	MW7A-032509	3/25/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-7A	MW7A-63009	6/30/2009	<0.200	<0.200	5.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-7A	MW7A-92309	9/23/2009	<0.200	<0.200	13.0	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-7A	092711-MW7A	9/27/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	1.90	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	<0.200	<0.200	3.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8A	100311-MW8A	10/3/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	1.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	3.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	1.90	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-8B	100411-MW8B	10/4/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	2.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	1.90	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-9A	092811-MW-9A	9/28/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	1.60	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	1.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	<5.00	—	—	—	—	—	—
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	1.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-12A	092911-MW12A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	<5.00	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	4500	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	6600	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	6.60	<25.0	<5.00	<1.00	<1.00	<1.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	1.60	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-14A	092911-MW14A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	1.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-15A	100311-MW200	10/3/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	1.90	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
			CAS 106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	12
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	2.60	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-16A	MW-105	8/14/2006	<0.200	<0.200	1.80	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-16A	MW-16A_08/14/2006	8/14/2006	<0.200	<0.200	2.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-16A	093011-MW16A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	<5.00	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-18A	092911-MW18A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-22A	093011-MW22A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-23A	092911-MW23A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	<5.00	—	—	—	—	—	—
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	<5.00	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-24A	100411-MW24A	10/4/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	<5.00	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	1.90	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	3.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	3.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-25A	093011-MW25A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW-26A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20050927	9/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	ALT-26A	2/27/2006	<0.200	<0.200	2.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	AHT-26A	2/27/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW-26A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
			CAS 106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	12
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW-26A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	5.50	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26A	DUP-123108	12/31/2008	<0.200	<0.200	<3.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26-123108	12/31/2008	<0.200	<0.200	<3.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-032609	3/26/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-63009	6/30/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-63009	6/30/2009	<0.200	<0.200	6.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-92309	9/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-92309	9/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	DUP-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26A	101311-MW26A	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-26A	101311-MW600	10/13/2011	<0.200J	<0.200J	<5.00J	<5.00J	<1.00J	<0.200J	<0.200J	<0.200J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	1.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	1.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	1.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	2.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	1.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
			CAS 106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	12
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-27A	093011-MW27A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	1.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	2.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28A	MW-104	8/11/2006	<0.200	<0.200	1.60	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	1.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28A	100311-MW28A	10/3/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	1.60	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	1.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	2.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	2.60	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	<0.200	<0.200	6.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20050929	9/29/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	022706-MW-29A	2/27/2006	<0.200	<0.200	2.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	<0.200	<0.200	1.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW-29A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-29A	MW-29A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-29A	MW-29A_122007	12/20/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-29A	MW29-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-29A	MW29-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-29A	MW-29A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
CAS			106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
Preliminary Screening Level			—	—	—	1.1	0.028	—	—	—	12
MW-29A	MW29-123108	12/31/2008	<0.200	<0.200	4.90	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-032609	3/26/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-63009	6/30/2009	<0.200	<0.200	6.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-92309	9/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	MW29A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29A	101211-MW29A	10/12/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	2.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	2.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29B	101211-MW29B	10/12/2011	<0.200J	<0.200J	<5.00J	<5.00J	<1.00J	<0.200J	<0.200J	<0.200J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	1.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	2.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-29C	101211-MW400	10/12/2011	<0.200J	<0.200J	<5.00J	<5.00J	<1.00J	<0.200J	<0.200J	<0.200J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	<5.00	—	—	—	—	—	—
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20050929	9/29/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	1.80	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	3.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	5.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	5.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-30A	MW30-123108	12/31/2008	<0.200	<0.200	3.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-032509	3/25/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-63009	6/30/2009	<0.200	<0.200	10.0	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-92309	9/23/2009	<0.200	<0.200	6.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-30A	092911-MW30A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
			CAS	106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	12
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-31A	MW-31A	5/15/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	<5.00	—	—	—	—	—	—
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	<5.00	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-32A	092711-MW32A	9/27/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-33A	092911-MW33A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-34A	092911-MW34A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW-35A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20050927	9/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	022806-MW-35A	2/28/2006	<0.200	<0.200	1.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW-35A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW-35A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-35A	MW35-123108	12/31/2008	<0.200	<0.200	<3.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-032609	3/26/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-63009	6/30/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-92309	9/23/2009	<0.200	<0.200	5.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	MW35A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35A	101111-MW35A	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
			CAS 106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	12
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	2.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	3.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	1.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-35B	101111-MW35B	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20050929	9/29/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	2.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	2.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	5.40	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-36A	MW36-123108	12/31/2008	<0.200	<0.200	<3.00	<5.00	<1.00	<0.200	<0.200	<0.200	0.400
MW-36A	MW36A-032609	3/26/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.200	<0.200	7.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-92309	9/23/2009	<0.200	<0.200	5.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	101111-MW36A	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	1.80	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	1.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	1.30	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW-37A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20050714	7/14/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20050929	9/29/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-37A	MW-37A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
CAS			106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
Preliminary Screening Level			—	—	—	1.1	0.028	—	—	—	12
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	5.70	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-37A	MW37-123108	12/31/2008	<0.200	<0.200	<3.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-63009	6/30/2009	<0.200	<0.200	10.0	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-92309	9/23/2009	<0.200	<0.200	5.80	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	092811-MW37A	9/28/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	1.20	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-37B	093011-MW37B	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-38A	MW38-25	5/2/2002	<0.200	<0.200	<1.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-38A	093011-MW38A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-38A	093011-MW100	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	<0.200	<0.200	<1.50Y	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	1.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	1.70	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-39A	100311-MW39A	10/3/2011	<0.200	<0.200	<5.00	<5.00J	<1.00	<0.200	<0.200	<0.200	<0.200
MW-40A	MW-40	2/17/2004	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
			CAS 106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
	Preliminary Screening Level		—	—	—	1.1	0.028	—	—	—	12
MW-40A	101111-MW40A	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-40B	101111-MW300	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20050131	1/31/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20050404	4/4/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20050712	7/12/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20050927	9/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20051227	12/27/2005	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	1.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW-41A_20060411	4/11/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20060626	6/26/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	1.10	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW-41A_20061003	10/3/2006	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20070112	1/12/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_20070413	4/13/2007	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00
MW-41A	MW-41A_092807	9/28/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-41A	MW41-032708	3/27/2008	<1.00	<1.00	<5.00	<50.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-41A	MW41-061608	6/16/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<5.00	<10.0	<5.00	<1.00	<1.00	<2.00	<1.00
MW-41A	MW41-123108	12/31/2008	<0.200	<0.200	3.80	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-032509	3/25/2009	<0.200	<0.200	<2.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.200	<0.200	31.0	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.200	<0.200	7.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW41A-122309	12/23/2009	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	092911-MW41A	9/29/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	3.40	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	1.50	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-43A	101211-MW43A	10/12/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			4-Chlorotoluene	4-Isopropyltoluene	Acetone	Acrolein	Acrylonitrile	Bromobenzene	Bromochloromethane	Bromoethane	Bromoform
CAS			106-43-4	99-87-6	67-64-1	107-02-8	107-13-1	108-86-1	74-97-5	74-96-4	75-25-2
Preliminary Screening Level			—	—	—	1.1	0.028	—	—	—	12
MW-46A	100411-MW46A	10/4/2011	<0.200	<0.200	<5.00	<5.00J	<1.00	<0.200	<0.200	<0.200	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-47A	101311-MW700	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-48A	101111-MW48A	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200
MW-49A	101211-MW49A	10/12/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-49A	101211-MW500	10/12/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
MW-49B	101211-MW49B	10/12/2011	<0.200	<0.200	<5.00	<5.00	<1.00	<0.200	<0.200	<0.200	<0.200J
N2	N2-RGW_4202004	4/20/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
N5	N5-RGW_3232004	3/23/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
N6	N6-RGW_3232004	3/23/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
P1	PI-RGW_4152004	4/15/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
P3	P3-RGW_4122004	4/12/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
R1	R1-RGW_422004	4/2/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
R3	R3-RGW_422004	4/2/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
R5	R5-RGW_462004	4/6/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
R7	R7-RGW_452004	4/5/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
SWS-5	SWS-5-RGW_482004	4/8/2004	<0.286	<0.274	<1.47	—	—	<0.232	<0.319	—	<0.200
VET-B-RGW	VET-B-RGW	3/24/2004	<1.00	<1.00	<20.0	—	—	<1.00	<1.00	—	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
A1	A1-RGW_4192004	4/19/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	8940	<0.205
B1	BI-RGW_3252004	3/25/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	16.3	<0.205
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
F1	F1-RGW_3192004	3/19/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	1000	<0.205
F3	F3-RGW_3172004	3/17/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	4.76	<0.205
F5	F5-RGW_472004	4/7/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
FTF-1	FTF-1-RGW_472004	4/7/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	0.950J	<0.205
G6	G6-RGW_3182004	3/18/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
H3	H3-RGW RE1_3172004	3/17/2004	<5.82	<6.08	<5.28	<4.72	<6.10	<5.20	<6.92	90.6	<4.10
J2	J2-RGW_4192004	4/19/2004	<0.291	<0.304	<0.264	<0.236	12.3	<0.260	<0.346	0.530J	<0.205
J4	J4-RGW_3182004	3/18/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
K5	K5-RGW_412004	4/1/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
L1	L1-RGW_4202004	4/20/2004	<0.291	<0.304	<0.264	<0.236	1.76	<0.260	<0.346	<0.299	<0.205
L3	L3-RGW_3192004	3/19/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
L6	L6-RGW_412004	4/1/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
M7	M7-RGW_452004	4/5/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	0.700	<0.200	<0.200	<0.200	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-6A	093011-MW6A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-7A	2/20/2004	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20050927	9/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-7A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-7A	MW-7A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	4.04	<1.00
MW-7A	MW-7A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-7A	MW7-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	1.20	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-7A	MW7A-032509	3/25/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200
MW-7A	MW7A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.600	<0.200
MW-7A	MW7A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.300	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	0.300	<0.500	<0.200	<0.200
MW-7A	092711-MW7A	9/27/2011	<1.00	<0.200	<0.200	<0.200	6.60	<0.200	<0.500	0.300	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	0.270	—
MW-8A	MW-8A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.20	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	20.0	—
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	1.70	—
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.50	<0.200
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	2.90	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	2.10	<0.200
MW-8A	100311-MW8A	10/3/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.90	<0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	2.00	<0.200	<0.200	2.80	<0.200
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	<0.200	<0.200	1.70	<0.200	<0.200	1.10	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	0.200	<0.200	<0.200	<0.200	<0.200
MW-8B	100411-MW8B	10/4/2011	<1.00	<0.200	<0.200	<0.200	2.40	<0.200	<0.500	0.200	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	<0.200
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.800	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.80	<0.200
MW-9A	092811-MW-9A	9/28/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.500	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	0.800	<0.200	<0.200	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.70	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	—	—	<1.00	<1.00	—	3.60	—
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	3.00	—
MW-12A	MW-12A_03262002	3/26/2002	<0.200	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	2.50	<0.200
MW-12A	092911-MW12A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	0.240	—
MW-14A	MW-14A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	1.10	<1.00	4.60	<1.00
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	—	—	<1.00	<1.00	—	2.60	—
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	—	—	<1.00	<1.00	—	7.80	—
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	0.300	0.900	<0.200	4.30	<0.200
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	<0.200	<0.200	0.200	0.800	<0.200	4.90	<0.200
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.60	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	0.800	<0.200	0.800	<0.200
MW-14A	092911-MW14A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	0.300	<0.500	0.500	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	0.520	—
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.200	<0.200
MW-15A	100311-MW200	10/3/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.200	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	1.04	—
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	0.200M	<0.200	<0.200	<0.200
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-16A	MW-105	8/14/2006	<0.200	<0.200	<0.200	0.800	1.90	<0.200	<0.200	0.600	<0.200
MW-16A	MW-16A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	0.900	2.10	<0.200	<0.200	0.600	<0.200
MW-16A	093011-MW16A	9/30/2011	<1.00	<0.200	<0.200	1.00	0.500	<0.200	<0.500	0.400	<0.200
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	<0.0400	—
MW-18A	MW-18A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	15.0	<1.00	<1.00	<1.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	—	—	1.60	<1.00	—	<1.00	—
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	1.20	<0.200	<0.200	0.300	<0.200
MW-18A	092911-MW18A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	0.540	—
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.600	<0.200
MW-22A	093011-MW22A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	4.20	<0.200
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	<0.0400	—
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	<0.200	1.70	<0.200
MW-23A	092911-MW23A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	27.0	<0.200
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	<0.0400	—
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.200	<0.200
MW-24A	100411-MW24A	10/4/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.40	<0.200
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	0.140J	—
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.80	<1.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	—	—	<1.00	<1.00	—	2.80	—
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.30	<0.200
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.30	<0.200
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	4.80	<0.200
MW-25A	093011-MW25A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	3.10	<0.200
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	0.900	—
MW-26A	MW-26A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	49.0	<1.00
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	74.0	—
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	71.0	—
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	41.0	<0.200
MW-26A	MW-26A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	80.2	<1.00	<5.00	13.6	<1.00
MW-26A	MW-26A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	9.50	<1.00	<5.00	13.4	<1.00
MW-26A	MW-26A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	1.91	<1.00	<5.00	19.9	<1.00
MW-26A	MW-26A_20050927	9/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	16.9	<1.00
MW-26A	MW-26A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	11.7	<1.00
MW-26A	ALT-26A	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	12.0	<0.200
MW-26A	AHT-26A	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	13.0	<0.200
MW-26A	MW-26A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	5.69	<1.00
MW-26A	MW-26A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	11.6	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	10.0	<0.200
MW-26A	MW-26A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	9.06	<1.00
MW-26A	MW-26A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	2.09	<1.00
MW-26A	MW-26A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	6.24	<1.00
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.70	<1.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.40	<1.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.50	<1.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.90	<1.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.40	<1.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.50	<1.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.30	<1.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.20	<1.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.80	<1.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.80	<1.00
MW-26A	DUP-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.70	<0.200
MW-26A	MW26-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.80	<0.200
MW-26A	DUP-032609	3/26/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	2.90	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	2.80	<0.200
MW-26A	DUP-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	9.30	<0.200
MW-26A	MW26A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	9.10	<0.200
MW-26A	DUP-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	6.50	<0.200
MW-26A	MW26A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	6.30	<0.200
MW-26A	DUP-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.40	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.30	<0.200
MW-26A	101311-MW26A	10/13/2011	<1.00J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	5.30J	<0.200
MW-26A	101311-MW600	10/13/2011	<1.00J	<0.200J	<0.200J	<0.200J	<0.200J	<0.200J	<0.500J	<0.200J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	2.36	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.200	0.500	<0.200	<0.200	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	<1.00J	<0.200	<0.200	<0.200	1.40J	<0.200	<0.500	<0.200	<0.200
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	0.500	<0.200	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	1.90	<1.00	<1.00	2.10	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	—	—	<1.00	<1.00	—	1.30	—
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	0.900	<0.200	<0.200	0.800	<0.200
MW-27A	093011-MW27A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	43.0	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	65.8	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	60.2	—
MW-28A	MW-28A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	280	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	—	—	<1.00	<1.00	—	360	—
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	370	—
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	480	<0.200
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	98.0	<0.200
MW-28A	MW-104	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	74.0	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	75.0	<0.200
MW-28A	100311-MW28A	10/3/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	12.0	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	175	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	79.0	<1.00	<1.00	<1.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	—	—	42.0	<1.00	—	<1.00	—
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	48.0	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	<0.200	<0.200	47.0	<0.200	<0.200	<0.200	<0.200
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	100	<0.200
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200	<0.200	23.0	<0.200	<0.200	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	1.80	<0.200	<0.200	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	0.100J	—
MW-29A	MW-29A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	66.0	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	—	—	<1.00	<1.00	—	91.0	—
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	72.0	—
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	57.0	<0.200
MW-29A	MW-29A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	46.0	<1.00
MW-29A	MW-29A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	45.3	<1.00
MW-29A	MW-29A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-29A	MW-29A_20050929	9/29/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	33.8	<1.00
MW-29A	MW-29A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	28.0	<1.00
MW-29A	022706-MW-29A	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	27.0	<0.200
MW-29A	MW-29A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	20.7	<1.00
MW-29A	MW-29A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	19.5	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	18.0	<0.200
MW-29A	MW-29A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	11.0	<1.00
MW-29A	MW-29A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	6.30	<1.00
MW-29A	MW-29A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	6.30	<1.00
MW-29A	MW-29A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.10	<1.00
MW-29A	MW-29A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.70	<1.00
MW-29A	MW29-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.30	<1.00
MW-29A	MW29-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.30	<1.00
MW-29A	MW-29A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.20	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-29A	MW29-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	7.00	<0.200
MW-29A	MW29A-032609	3/26/2009	<0.500	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	4.90	<0.200
MW-29A	MW29A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	4.60	<0.200
MW-29A	MW29A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	3.90	<0.200
MW-29A	MW29A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.80	<0.200
MW-29A	101211-MW29A	10/12/2011	<1.00J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	4.40	<0.200
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	9.05	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	5.20	<0.200	<0.200	<0.200	<0.200
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-29B	101211-MW29B	10/12/2011	<1.00J	<0.200J	<0.200J	<0.200J	35.0J	<0.200J	<0.500J	<0.200J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	1.40	<0.200	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	<1.00J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-29C	101211-MW400	10/12/2011	<1.00J	<0.200J	<0.200J	<0.200J	<0.200J	<0.200J	<0.500J	<0.200J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	2.10	—
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	2.20	<0.200
MW-30A	MW-30A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20050929	9/29/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.200	<0.200
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.200	<0.200
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.200	<0.200
MW-30A	MW-30A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-30A	MW-30A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.50	<1.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-30A	MW30-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-30A	MW30A-032509	3/25/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	<0.200
MW-30A	MW30A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.500	<0.200
MW-30A	MW30A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.700	<0.200
MW-30A	MW30A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.400	<0.200
MW-30A	092911-MW30A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	0.160J	—
MW-31A	MW-31A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	35.0	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	89.0	—
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	—	—	7.40	<1.00	—	54.0	—
MW-31A	MW-31A_03262002	3/26/2002	<0.200	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	54.0	<0.200
MW-31A	MW-31A	5/15/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	48.0	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	1.04	—
MW-31A	093011-MW31A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	1.30	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.70	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	—	—	<1.00	<1.00	—	1.60	—
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	—	—	<1.00	<1.00	—	<1.00	—
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	11.0	<0.200
MW-32A	092711-MW32A	9/27/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	10.0	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	1.76	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	32.0	<0.200
MW-33A	092911-MW33A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	65.0	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	12.1	—
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	0.200	<0.200
MW-34A	092911-MW34A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	0.120J	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	—	0.110J	—
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	21.0	<0.200
MW-35A	MW-35A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.92	<1.00
MW-35A	MW-35A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	2.08	<1.00
MW-35A	MW-35A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	5.82	<1.00
MW-35A	MW-35A_20050927	9/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	6.94	<1.00
MW-35A	MW-35A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	5.37	<1.00
MW-35A	022806-MW-35A	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	10.0	<0.200
MW-35A	MW-35A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-35A	MW-35A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.70	<0.200
MW-35A	MW-35A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	3.19	<1.00
MW-35A	MW-35A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	4.83	<1.00
MW-35A	MW-35A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	3.53	<1.00
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.50	<1.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.10	<1.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.40	<1.00
MW-35A	MW35-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.600	<0.200
MW-35A	MW35A-032609	3/26/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200
MW-35A	MW35A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.20	<0.200
MW-35A	MW35A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.10	<0.200
MW-35A	MW35A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	1.10	<0.200
MW-35A	101111-MW35A	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	2.60	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	1.57	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.300
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-35B	101111-MW35B	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	36.0	<0.200
MW-36A	MW-36A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	33.3	<1.00
MW-36A	MW-36A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	29.8	<1.00
MW-36A	MW-36A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	14.7	<1.00
MW-36A	MW-36A_20050929	9/29/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	8.69	<1.00
MW-36A	MW-36A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	9.20	<1.00
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	11.0	<0.200
MW-36A	MW-36A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	11.4	<1.00
MW-36A	MW-36A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	4.20	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	6.40	<0.200
MW-36A	MW-36A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	9.08	<1.00
MW-36A	MW-36A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	6.37	<1.00
MW-36A	MW-36A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	10.7	<1.00
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.80	<1.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.00	<1.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.40	<1.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.10	<1.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.50	<1.00
MW-36A	MW36-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	6.90	<0.200
MW-36A	MW36A-032609	3/26/2009	<0.500	<0.200	<0.200	<0.200	<0.200	0.200	0.300	2.60	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	0.200	<0.500	4.00	<0.200
MW-36A	MW36A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	7.20	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	0.400	<0.500	2.10	<0.200
MW-36A	101111-MW36A	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	1.60	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	0.350	—
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.700	<0.200
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200
MW-37A	MW-37A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20050714	7/14/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20050929	9/29/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW-37A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.40	<1.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-37A	MW37-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.500	<0.200	<0.200	<0.200	240	<0.200	0.500	0.200	<0.200
MW-37A	MW37A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	180	<0.200	<0.500	0.200	<0.200
MW-37A	MW37A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	160	<0.200	<0.500	<0.200	<0.200
MW-37A	MW37A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	42.0	<0.200	<0.500	<0.200	<0.200
MW-37A	092811-MW37A	9/28/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.200	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	1.23	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	1.18	—
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.500	<0.200
MW-37B	093011-MW37B	9/30/2011	<1.00	<0.200	<0.200	<0.200	5.60	<0.200	<0.500	<0.200	<0.200
MW-38A	MW38-25	5/2/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	15.0	<0.200
MW-38A	093011-MW38A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	4.50	<0.200
MW-38A	093011-MW100	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	4.60	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	48.0	<0.200
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	2.70	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.10	<0.200
MW-39A	100311-MW39A	10/3/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.900	<0.200
MW-40A	MW-40	2/17/2004	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	6.47	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
			CAS	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2
	Preliminary Screening Level		12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-40A	101111-MW40A	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	1.30	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	20.3	—
MW-40B	101111-MW40B	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-40B	101111-MW300	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	0.0600J	—
MW-41A	MW-41	2/17/2004	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20050131	1/31/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20050404	4/4/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20050712	7/12/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20050927	9/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20051227	12/27/2005	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.600	<0.200
MW-41A	MW-41A_20060411	4/11/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20060626	6/26/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.600	<0.200
MW-41A	MW-41A_20061003	10/3/2006	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20070112	1/12/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_20070413	4/13/2007	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW41-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW41-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW-41A	MW41-123108	12/31/2008	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.800	<0.200
MW-41A	MW41A-032509	3/25/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.700	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-41A	MW41A-122309	12/23/2009	<0.500	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.600	<0.200
MW-41A	092911-MW41A	9/29/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	0.270	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-43A	101211-MW43A	10/12/2011	<1.00J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	3.00	<0.200
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	0.350	—
MW-44A	101311-MW44A	10/13/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.800	<0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	0.460	—
MW-45A	092811-MW-45A	9/28/2011	<1.00	<0.200	<0.200	<0.200	<0.200	0.300	<0.500	46.0	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	22.9	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene
CAS			74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5
Preliminary Screening Level			12.85	398.51	0.35	200	18526.32	1.19	153.43	—	2
MW-46A	100411-MW46A	10/4/2011	<1.00	<0.200	<0.200	<0.200	<0.200	0.500	<0.500	250	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	232	—
MW-47A	101311-MW47A	10/13/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	39.0	<0.200
MW-47A	101311-MW700	10/13/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	33.0	<0.200
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	36.4	—
MW-47B	101311-MW47B	10/13/2011	<1.00	<0.200	<0.200	<0.200	9.80J	<0.200	<0.500	0.200J	<0.200
MW-48A	101111-MW48A	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	0.900	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	0.590	—
MW-48B	101111-MW48B	10/11/2011	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-49A	101211-MW49A	10/12/2011	<1.00J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-49A	101211-MW500	10/12/2011	<1.00J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
MW-49B	101211-MW49B	10/12/2011	<1.00J	0.400J	<0.200	<0.200	<0.200	<0.200	<0.500	<0.200	<0.200
N2	N2-RGW_4202004	4/20/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	1.10	<0.205
N5	N5-RGW_3232004	3/23/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
N6	N6-RGW_3232004	3/23/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
P1	PI-RGW_4152004	4/15/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	0.700J	<0.205
P3	P3-RGW_4122004	4/12/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	2.67	<0.205
R1	R1-RGW_422004	4/2/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	2.04	<0.205
R3	R3-RGW_422004	4/2/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	2.12	<0.205
R5	R5-RGW_462004	4/6/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
R7	R7-RGW_452004	4/5/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	<0.299	<0.205
SWS-5	SWS-5-RGW_482004	4/8/2004	<0.291	<0.304	<0.264	<0.236	<0.305	<0.260	<0.346	3.69	<0.205
VET-B-RGW	VET-B-RGW	3/24/2004	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	223	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
A1	A1-RGW_4192004	4/19/2004	<0.258	<0.218	<0.215	<0.233	—	—	25.9	<0.268
B1	BI-RGW_3252004	3/25/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
F1	F1-RGW_3192004	3/19/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
F3	F3-RGW_3172004	3/17/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
F5	F5-RGW_472004	4/7/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
FTF-1	FTF-1-RGW_472004	4/7/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
G6	G6-RGW_3182004	3/18/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
H3	H3-RGW RE1_3172004	3/17/2004	<5.16	<4.36	<4.30	<4.66	—	—	<5.04	<5.36
J2	J2-RGW_4192004	4/19/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
J4	J4-RGW_3182004	3/18/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
K5	K5-RGW_412004	4/1/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
L1	L1-RGW_4202004	4/20/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
L3	L3-RGW_3192004	3/19/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
L6	L6-RGW_412004	4/1/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
M7	M7-RGW_452004	4/5/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	3.40	<0.200
MW-6A	093011-MW6A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW-7A	2/20/2004	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW-7A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW-7A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-7A	MW7-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-7A	MW7A-032509	3/25/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW7A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW7A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	092711-MW7A	9/27/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-8A	100311-MW8A	10/3/2011	<0.200	<0.200	<0.200	—	1.60	<1.10	<0.200	<0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-8B	100411-MW8B	10/4/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-9A	092811-MW-9A	9/28/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	—	—	—	—	—	—
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-12A	092911-MW12A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-14A	092911-MW14A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-15A	100311-MW200	10/3/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	0.500	<0.200
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	<0.200	—	—	—	0.900	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level	2.20	—	1.82	5.65	—	—	715.29	0.27	
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	<0.200	—	—	—	0.800	<0.200
MW-16A	MW-105	8/14/2006	<0.200	<0.200	<0.200	—	—	—	6.40	<0.200
MW-16A	MW-16A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	—	—	6.90	<0.200
MW-16A	093011-MW16A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	6.40	<0.200
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-18A	092911-MW18A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-22A	093011-MW22A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-23A	092911-MW23A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	—	—	—	—	—	—
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-24A	100411-MW24A	10/4/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-25A	093011-MW25A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW-26A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	ALT-26A	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	AHT-26A	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW-26A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW-26A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26A	DUP-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW26-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	DUP-032609	3/26/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	DUP-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW26A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	DUP-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW26A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	DUP-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	101311-MW26A	10/13/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26A	101311-MW600	10/13/2011	<0.200J	<0.200J	<0.200J	—	—	—	<0.200J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-27A	093011-MW27A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28A	MW-104	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28A	100311-MW28A	10/3/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	<1.23	7.55	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW-29A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	022706-MW-29A	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW-29A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW-29A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-29A	MW-29A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-29A	MW-29A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-29A	MW29-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-29A	MW29-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-29A	MW-29A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-29A	MW29-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW29A-032609	3/26/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW29A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW29A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW29A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	101211-MW29A	10/12/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	2.28	<1.14	—	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29B	101211-MW29B	10/12/2011	<0.200J	<0.200J	<0.200J	—	—	—	<0.200J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-29C	101211-MW400	10/12/2011	<0.200J	<0.200J	<0.200J	—	—	—	<0.200J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW-30A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW-30A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW-30A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-30A	MW30-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW30A-032509	3/25/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW30A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW30A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	MW30A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-30A	092911-MW30A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-31A	MW-31A	5/15/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-32A	092711-MW32A	9/27/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-33A	092911-MW33A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-34A	092911-MW34A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	<1.23	<1.14	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	<1.23	<1.14	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW-35A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	022806-MW-35A	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW-35A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW-35A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-35A	MW35-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW35A-032609	3/26/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW35A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW35A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	MW35A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35A	101111-MW35A	10/11/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-35B	101111-MW35B	10/11/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW-36A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW-36A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW-36A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-36A	MW36-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW36A-032609	3/26/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW36A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	101111-MW36A	10/11/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW-37A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20050714	7/14/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-37A	MW-37A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
						(CFC-12)				
CAS			124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-37A	MW37-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW37A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW37A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW37A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	092811-MW37A	9/28/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-37B	093011-MW37B	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-38A	MW38-25	5/2/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-38A	093011-MW38A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-38A	093011-MW100	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-39A	100311-MW39A	10/3/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-40A	MW-40	2/17/2004	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-40A	101111-MW40A	10/11/2011	<0.200	<0.200	<0.200	—	<1.20	<1.10	<0.200	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	<0.200	<0.200	<0.200	—	17.9	<1.10	<0.200	<0.200
MW-40B	101111-MW300	10/11/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW-41A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW-41A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00
MW-41A	MW-41A_092807	9/28/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-41A	MW41-032708	3/27/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-41A	MW41-061608	6/16/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<1.00	—	—	—	<1.00	<1.00
MW-41A	MW41-123108	12/31/2008	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW41A-032509	3/25/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW41A-122309	12/23/2009	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	092911-MW41A	9/29/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-43A	101211-MW43A	10/12/2011	<0.200	<0.200	<0.200	—	<1.20	<1.10	<0.200	<0.200
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	<0.200	<0.200	<0.200	—	2.60	<1.10	<0.200	<0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	<1.23	<1.14	—	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Dibromochloromethane	Dibromomethane	Dichlorobromomethane	Dichlorodifluoromethane (CFC-12)	Ethane	Ethylene	Isopropylbenzene (Cumene)	Ethylene dibromide (EDB)
			CAS 124-48-1	74-95-3	75-27-4	75-71-8	74-84-0	74-85-1	98-82-8	106-93-4
	Preliminary Screening Level		2.20	—	1.82	5.65	—	—	715.29	0.27
MW-46A	100411-MW46A	10/4/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	<0.200	<0.200	<0.200	—	<1.20	<1.10	<0.200	<0.200
MW-47A	101311-MW700	10/13/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	<0.200	<0.200	<0.200	—	12.6	<1.10	<0.200	<0.200
MW-48A	101111-MW48A	10/11/2011	<0.200	<0.200	<0.200	—	11.0	<1.10	<0.200	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	18.7	6.22	—	—
MW-48B	101111-MW48B	10/11/2011	<0.200	<0.200	<0.200	—	2.60	<1.10	<0.200	<0.200
MW-49A	101211-MW49A	10/12/2011	<0.200	<0.200	<0.200	—	<1.20	<1.10	<0.200	<0.200
MW-49A	101211-MW500	10/12/2011	<0.200	<0.200	<0.200	—	—	—	<0.200	<0.200
MW-49B	101211-MW49B	10/12/2011	<0.200	<0.200	<0.200	—	<1.20	<1.10	<0.200	<0.200
N2	N2-RGW_4202004	4/20/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
N5	N5-RGW_3232004	3/23/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
N6	N6-RGW_3232004	3/23/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
P1	PI-RGW_4152004	4/15/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
P3	P3-RGW_4122004	4/12/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
R1	R1-RGW_422004	4/2/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
R3	R3-RGW_422004	4/2/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
R5	R5-RGW_462004	4/6/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
R7	R7-RGW_452004	4/5/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
SWS-5	SWS-5-RGW_482004	4/8/2004	<0.258	<0.218	<0.215	<0.233	—	—	<0.252	<0.268
VET-B-RGW	VET-B-RGW	3/24/2004	<1.00	<1.00	<1.00	<1.00	—	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS 74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1	135-98-8
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
A1	A1-RGW_4192004	4/19/2004	—	15.1	—	<1.14	<0.258	<0.252	3.17	48.1	<0.290
B1	BI-RGW_3252004	3/25/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
F1	F1-RGW_3192004	3/19/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
F3	F3-RGW_3172004	3/17/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
F5	F5-RGW_472004	4/7/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
FTF-1	FTF-1-RGW_472004	4/7/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
G6	G6-RGW_3182004	3/18/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
H3	H3-RGW RE1_3172004	3/17/2004	—	<27.8	—	<22.8	<103	<5.04	<5.56	<5.52	<5.80
J2	J2-RGW_4192004	4/19/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
J4	J4-RGW_3182004	3/18/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
K5	K5-RGW_412004	4/1/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
L1	L1-RGW_4202004	4/20/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
L3	L3-RGW_3192004	3/19/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
L6	L6-RGW_412004	4/1/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
M7	M7-RGW_452004	4/5/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-1A	030606-MW-1A	3/6/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	7.10M	6.20	3.30
MW-6A	093011-MW6A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-7A	MW-7A	2/20/2004	—	<10.0	—	<10.0	—	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20050927	9/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-7A	MW-7A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-7A	MW-7A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-7A	MW7-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-7A	MW7-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-7A	MW7-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS	74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-7A	MW7A-032509	3/25/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-7A	MW7A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-7A	MW7A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-7A	MW7A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-7A	092711-MW7A	9/27/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-8A	030306-MW-8A	3/3/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-8A	100311-MW8A	10/3/2011	709	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-8B	030606-MW-8B	3/6/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-8B	100411-MW8B	10/4/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-9A	030306-MW-9A	3/3/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-9A	092811-MW-9A	9/28/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-12A	MW-12A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-12A	092911-MW12A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2002	3/27/2002	—	9900	<0.200	650	—	<0.300	<0.200	<0.200	<0.200
MW-14A	MW-101A	3/27/2002	—	16000E	<0.200	1100	—	<0.300	<0.200	<0.200	<0.200
MW-14A	030306-MW-14A	3/3/2006	—	<5.00	<1.00	<5.00	—	2.00 UB	<1.00	<1.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-14A	092911-MW14A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-15A	MW-15A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-15A	100311-MW200	10/3/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-16A	MW-16A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	1.10	<0.200
MW-16A	030606-MW-102	3/6/2006	—	<1.00	<0.200	<1.00	—	<0.300	0.200	1.70	0.300

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS 74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1	135-98-8
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-16A	030606-MW-16A	3/6/2006	—	<1.00	<0.200	<1.00	—	<0.300	0.200	1.50	0.300
MW-16A	MW-105	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	1.70	11.0	2.00
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	1.80	11.0	2.10
MW-16A	093011-MW16A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	0.900	10.0	1.60
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—	—
MW-18A	MW-18A_03/27/2002	3/27/2002	—	4.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-18A	092911-MW18A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-19B	MW-19B_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-22A	MW-22A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-22A	093011-MW22A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-23A	MW-23A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-23A	092911-MW23A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—	—
MW-24A	MW-24A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-24A	100411-MW24A	10/4/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	—	—	—	—	—	—	—
MW-25A	MW-25A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-25A	030206-MW-25A	3/2/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-25A	093011-MW25A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-26A	MW-26A_03/29/2002	3/29/2002	—	<1.00	<0.200	<1.00	—	0.300	<0.200	<0.200	<0.200
MW-26A	MW-26A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20050927	9/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	ALT-26A	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26A	AHT-26A	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26A	MW-26A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS 74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1	135-98-8
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26A	MW-26A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW-00_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW-00_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	2.80	<1.00	<1.00	<1.00
MW-26A	DUP-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW26-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	DUP-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW26-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	DUP-01_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	MW-26A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26A	DUP-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-26A	MW26-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-26A	DUP-032609	3/26/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-26A	MW26A-092609	3/26/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-26A	DUP-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26A	MW26A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26A	DUP-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	0.600	<0.200	<0.200	<0.200
MW-26A	MW26A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26A	DUP-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26A	MW26A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26A	101311-MW26A	10/13/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26A	101311-MW600	10/13/2011	—	<5.00J	<1.00J	<5.00J	—	<0.500J	<0.200J	<0.200J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/24/2000	3/24/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26B	MW-103	8/7/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-26C	MW-26C_03/24/2000	3/24/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<1.00	<0.200	<1.00	—	0.300	<0.200	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	—	<1.00	<0.200	<1.00	—	0.300	<0.200	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS	74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-27A	MW-27A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-27A	093011-MW27A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28A	030306-MW-28A	3/3/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28A	MW-104	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28A	100311-MW28A	10/3/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	981	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/24/2000	3/24/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28B	MW-102B	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28B	030306-MW-101	3/3/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28B	030306-MW-28B	3/3/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-29A	MW-29A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29A	MW-29A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20050929	9/29/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	022706-MW-29A	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29A	MW-29A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29A	MW-29A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-29A	MW29-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-29A	MW29-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-29A	MW-29A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS	74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-29A	MW29-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-29A	MW29A-032609	3/26/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-29A	MW29A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-29A	MW29A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-29A	MW29A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-29A	101211-MW29A	10/12/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-29A	MW-29A-1/31/2019	1/31/2019	921	—	—	—	—	—	—	—	—
MW-29B	MW-29B_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29B	022806-MW-29B	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29B	101211-MW29B	10/12/2011	—	<5.00J	<1.00J	<5.00J	—	<0.500J	<0.200J	<0.200J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<1.00	<0.200	<1.00	—	0.400	<0.200	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-29C	101211-MW400	10/12/2011	—	<5.00J	<1.00J	<5.00J	—	<0.500J	<0.200J	<0.200J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-30A	MW-30A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-30A	MW-30A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20050929	9/29/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	AHT-DUP	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-30A	ALT-MW-30A	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-30A	AHT-MM-30A	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-30A	MW-30A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-30A	MW-30A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-30A	MW30-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-30A	MW30-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-30A	MW-30A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-30A	MW30-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-30A	MW30A-032509	3/25/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-30A	MW30A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-30A	MW30A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-30A	MW30A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-30A	092911-MW30A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS 74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1	135-98-8
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-31A	MW-31A	5/15/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	—	—	—	—	—	—	—
MW-31A	093011-MW31A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	—	—	—	—	—	—	—
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-32A	092711-MW32A	9/27/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-33A	092911-MW33A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-34A	092911-MW34A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	7.04	—	—	—	—	—	—	—	—
MW-34A	MW-101-1/30/2019	1/30/2019	7.56	—	—	—	—	—	—	—	—
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<1.00	<0.200	<1.00	—	0.300	<0.200	<0.200	<0.200
MW-35A	MW-35A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20050927	9/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	022806-MW-35A	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-35A	MW-35A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-35A	MW-35A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	2.30	<1.00	<1.00	<1.00
MW-35A	MW35-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-35A	MW35-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-35A	MW35-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-35A	MW35A-032609	3/26/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-35A	MW35A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-35A	MW35A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	0.600	<0.200	<0.200	<0.200
MW-35A	MW35A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-35A	101111-MW35A	10/11/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS 74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1	135-98-8
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	—	—	—
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<1.00	<0.200	<1.00	—	0.300	<0.200	<0.200	<0.200
MW-35B	022806-MW-35B	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-35B	101111-MW35B	10/11/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-36A	MW-36A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-36A	MW-36A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20050929	9/29/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	022806-MW-36A	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-36A	MW-36A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-36A	MW-36A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-36A	MW36-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-36A	MW36-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-36A	MW-36A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-36A	MW36-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-36A	MW36A-032609	3/26/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-36A	MW36A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-36A	MW36A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	0.800	<0.200	<0.200	<0.200
MW-36A	MW36A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-36A	101111-MW36A	10/11/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	—	—	—	—	—	—	—
MW-36B	MW-36B_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-36B	022806-MW-36B	2/28/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-37A	MW-37A_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-37A	MW-37A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20050714	7/14/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20050929	9/29/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS	74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-37A	MW-37A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-37A	MW37-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-37A	MW37-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-37A	MW37-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-37A	MW37A-032609	3/26/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-37A	MW37A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-37A	MW37A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-37A	MW37A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-37A	092811-MW37A	9/28/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	—	—	—	—	—	—	—
MW-37B	MW-37B_03262002	3/26/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-37B	093011-MW37B	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-38A	MW38-25	5/2/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-38A	093011-MW38A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-38A	093011-MW100	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-39A	030206-MW-39A	3/2/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-39A	100311-MW39A	10/3/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-40A	MW-40	2/17/2004	—	<10.0	—	<10.0	—	<5.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS	74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-40A	101111-MW40A	10/11/2011	<0.700	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	—	—	—	—	—	—	—
MW-40B	101111-MW40B	10/11/2011	12400	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-40B	101111-MW300	10/11/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-41A	MW-41	2/17/2004	—	<10.0	—	<10.0	—	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050131	1/31/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050404	4/4/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050712	7/12/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20050927	9/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20051227	12/27/2005	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	030206-MW-41A	3/2/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-41A	MW-41A_20060411	4/11/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20060626	6/26/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-41A	MW-41A_20061003	10/3/2006	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20070112	1/12/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_20070413	4/13/2007	—	<10.0	—	<10.0	<2.00	<5.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_092807	9/28/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-41A	MW41-032708	3/27/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-41A	MW41-061608	6/16/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	—	<5.00	<1.00	<5.00	—	<2.00	<1.00	<1.00	<1.00
MW-41A	MW41-123108	12/31/2008	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-41A	MW41A-032509	3/25/2009	—	<2.50	<1.00	<2.50	—	<0.500	<0.200	<0.200	<0.200
MW-41A	MW41A-63009	6/30/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-41A	MW41A-92309	9/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-41A	MW41A-122309	12/23/2009	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-41A	092911-MW41A	9/29/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<1.00	<0.200	<1.00	—	<0.300	<0.200	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-43A	101211-MW43A	10/12/2011	2.40	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	—	—	—	—	—	—	—
MW-44A	101311-MW44A	10/13/2011	775	<5.00	<1.00	<5.00	—	<0.500	0.400	0.300	0.700
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	—	—	—	—	—	—	—
MW-45A	092811-MW-45A	9/28/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	96.8	—	—	—	—	—	—	—	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)								
			Methane	Methyl ethyl ketone (MEK)	Methyl iodide	Methyl isobutyl ketone (MIBK)	Methyl tert-butyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
			CAS	74-82-8	78-93-3	74-88-4	108-10-1	1634-04-4	75-09-2	104-51-8	103-65-1
	Preliminary Screening Level		—	1746564.89	—	469589.04	604.74	100	—	—	—
MW-46A	100411-MW46A	10/4/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47A	101311-MW47A	10/13/2011	21.7	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-47A	101311-MW700	10/13/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	—	—	—	—	—	—	—
MW-47B	101311-MW47B	10/13/2011	5920	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-48A	101111-MW48A	10/11/2011	1770	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	2370	—	—	—	—	—	—	—	—
MW-48B	101111-MW48B	10/11/2011	10500	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-49A	101211-MW49A	10/12/2011	5830	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-49A	101211-MW500	10/12/2011	—	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
MW-49B	101211-MW49B	10/12/2011	23600	<5.00	<1.00	<5.00	—	<0.500	<0.200	<0.200	<0.200
N2	N2-RGW_4202004	4/20/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
N5	N5-RGW_3232004	3/23/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
N6	N6-RGW_3232004	3/23/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
P1	PI-RGW_4152004	4/15/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
P3	P3-RGW_4122004	4/12/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
R1	R1-RGW_422004	4/2/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
R3	R3-RGW_422004	4/2/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
R5	R5-RGW_462004	4/6/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
R7	R7-RGW_452004	4/5/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
SWS-5	SWS-5-RGW_482004	4/8/2004	—	<1.39	—	<1.14	<0.258	<0.252	<0.278	<0.276	<0.290
VET-B-RGW	VET-B-RGW	3/24/2004	—	<10.0	—	<10.0	—	<5.00	<1.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
			CAS	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
A1	A1-RGW_4192004	4/19/2004	<0.219	<0.278	<0.250	18.7	<0.181	—	<0.223	<0.181
B1	BI-RGW_3252004	3/25/2004	<0.219	<0.278	<0.250	1.50	<0.181	—	<0.223	<0.181
CPB-1	CPB-1-RGW_4122004	4/12/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
F1	F1-RGW_3192004	3/19/2004	<0.219	<0.278	<0.250	35.4	<0.181	—	58.9	<0.181
F3	F3-RGW_3172004	3/17/2004	<0.219	<0.278	<0.250	0.540J	<0.181	—	9.11	<0.181
F5	F5-RGW_472004	4/7/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
FTF-1	FTF-1-RGW_472004	4/7/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
G6	G6-RGW_3182004	3/18/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
H3	H3-RGW RE1_3172004	3/17/2004	<4.38	<5.56	<5.00	<6.04	<3.62	—	<4.46	<3.62
J2	J2-RGW_4192004	4/19/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	0.570J	<0.181
J4	J4-RGW_3182004	3/18/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
K5	K5-RGW_412004	4/1/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
L1	L1-RGW_4202004	4/20/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
L3	L3-RGW_3192004	3/19/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
L6	L6-RGW_412004	4/1/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
M7	M7-RGW_452004	4/5/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-6A	093011-MW6A	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-7A	MW-7A	2/20/2004	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-7A	MW-7A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-7A	MW-7A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-7A	MW-7A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW7-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW7-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-7A	MW7-123108	12/31/2008	<0.200	<0.200	0.200	<0.200	<0.200	<1.00	1.60	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
			CAS	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-7A	MW7A-032509	3/25/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.600	<0.200
MW-7A	MW7A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.300	<0.200
MW-7A	MW7A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.300	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	1.50	<0.200
MW-7A	092711-MW7A	9/27/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.300	<0.200
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	0.300	—	—	—	2.84	—
MW-8A	MW-8A_03/28/2000	3/28/2000	<1.00	<1.00	8.10	<1.00	<1.00	<5.00	1.40	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	6.10	<1.00	—	—	3.40	—
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	6.00	<1.00	—	—	1.70	—
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	8.20	<0.200	<0.200	<1.00	2.30	<0.200
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	19.0	<0.200	<0.200	<1.00	4.20	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	<0.200	<0.200	8.30	<0.200	<0.200	<1.00	3.20	<0.200
MW-8A	100311-MW8A	10/3/2011	<0.200	<0.200	3.10	<0.200	<0.200	<1.00	1.10	<0.200
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	0.800	<0.200
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	<0.200	<0.200
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	0.400	<0.200	<0.200	<1.00	<0.200	<0.200
MW-8B	100411-MW8B	10/4/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.700	<0.200
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.400	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.300	<0.200
MW-9A	092811-MW-9A	9/28/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-12A	MW-12A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-12A	092911-MW12A	9/29/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	<0.0500	—	—	—	1.01	—
MW-14A	MW-14A_03/27/2000	3/27/2000	<1.00	<1.00	2.60	<1.00	<1.00	<5.00	110	<1.00
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	2.20	<1.00	—	—	86.0	—
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	2.30	<1.00	—	—	100	—
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	2.40	<0.200	<0.200	<1.00	82.0	<0.200
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	2.50	<0.200	<0.200	<1.00	84.0	<0.200
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	3.00	<1.00	<1.00	<5.00	74.0	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	4.10	<0.200	<0.200	<1.00	63.0	<0.200
MW-14A	092911-MW14A	9/29/2011	<0.200	<0.200	3.70	<0.200	<0.200	<1.00	42.0	<0.200
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	4.25	—	—	—	26.2	—
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	0.400	<0.200	<0.200	<1.00	1.60	<0.200
MW-15A	100311-MW200	10/3/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.400	<0.200
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	0.320	—	—	—	0.610	—
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	<0.200	1.00	<0.200	<0.200	<1.00	1.60	<0.200
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	1.00	<0.200	<0.200	<1.00	1.00	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
			CAS	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	1.00	<0.200	<0.200	<1.00	1.00	<0.200
MW-16A	MW-105	8/14/2006	<0.200	<0.200	0.200	<0.200	<0.200	<1.00	1.10	<0.200
MW-16A	MW-16A_08/14/2006	8/14/2006	<0.200	<0.200	0.200	<0.200	<0.200	<1.00	1.00	<0.200
MW-16A	093011-MW16A	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.400	<0.200
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	0.630	—	—	—	0.470	—
MW-18A	MW-18A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	0.500	<0.200
MW-18A	092911-MW18A	9/29/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.300	<0.200
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	<0.0500	—	—	—	0.290	—
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	0.300	<0.200	<0.200	<1.00	1.20	<0.200
MW-22A	093011-MW22A	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.900	<0.200
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	0.420	—	—	—	0.760	—
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	4.20	<0.200	<0.200	<1.00	8.50	<0.200
MW-23A	092911-MW23A	9/29/2011	<0.200	<0.200	1.90	1.50	<0.200	<1.00	6.10	<0.200
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	1.09	—	—	—	2.17	—
MW-24A	MW-24A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	2.90	<1.00
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	<1.00	<1.00	—	—	1.50	—
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.600	<0.200
MW-24A	100411-MW24A	10/4/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.500	<0.200
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	<0.0500	—	—	—	0.300	—
MW-25A	MW-25A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.70	<1.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	<1.00	<1.00	—	—	1.00	—
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	0.800	<0.200
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	<0.200	<0.200
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.200	<0.200
MW-25A	093011-MW25A	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	<0.0500	—	—	—	0.170J	—
MW-26A	MW-26A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	2.30	<1.00	<5.00	<1.00	<1.00
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	<1.00	5.60	—	—	1.40	—
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	<1.00	4.90	—	—	3.50	—
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	2.40	<0.200	<1.00	4.50	<0.200
MW-26A	MW-26A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	2.09	<1.00
MW-26A	MW-26A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	4.87	<1.00
MW-26A	MW-26A_20050712	7/12/2005	<1.00	<1.00	<1.00	2.10	<1.00	—	4.60	<1.00
MW-26A	MW-26A_20050927	9/27/2005	<1.00	<1.00	<1.00	1.77	<1.00	—	3.08	<1.00
MW-26A	MW-26A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	4.47	<1.00
MW-26A	ALT-26A	2/27/2006	<0.200	<0.200	<0.200	1.30	<0.200	<1.00	5.70	<0.200
MW-26A	AHT-26A	2/27/2006	<0.200	<0.200	<0.200	1.70	<0.200	<1.00	5.80	<0.200
MW-26A	MW-26A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	5.59	<1.00
MW-26A	MW-26A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	3.50	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
			CAS	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	1.40	<0.200	<1.00	2.70	<0.200
MW-26A	MW-26A_20061003	10/3/2006	<1.00	<1.00	<1.00	1.26	<1.00	—	2.20	<1.00
MW-26A	MW-26A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	1.61	<1.00
MW-26A	MW-26A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	3.31	<1.00
MW-26A	MW-26A_092807	9/28/2007	<1.00	<1.00	<1.00	1.00	<1.00	<5.00	1.50	<1.00
MW-26A	MW-00_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.30	<1.00
MW-26A	MW-00_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.60	<1.00
MW-26A	MW-26A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.70	<1.00
MW-26A	DUP-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-26A	MW26-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-26A	DUP-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.40	<1.00
MW-26A	MW26-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.40	<1.00
MW-26A	DUP-01_093008	9/30/2008	<1.00	<1.00	<1.00	1.20	<1.00	<5.00	2.20	<1.00
MW-26A	MW-26A_093008	9/30/2008	<1.00	<1.00	<1.00	1.20	<1.00	<5.00	2.20	<1.00
MW-26A	DUP-123108	12/31/2008	<0.200	<0.200	<0.200	0.500	<0.200	<1.00	1.30	<0.200
MW-26A	MW26-123108	12/31/2008	<0.200	<0.200	<0.200	0.500	<0.200	<1.00	1.30	<0.200
MW-26A	DUP-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.700	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.700	<0.200
MW-26A	DUP-63009	6/30/2009	<0.200	<0.200	<0.200	0.700	<0.200	<1.00	0.900	<0.200
MW-26A	MW26A-63009	6/30/2009	<0.200	<0.200	<0.200	0.700	<0.200	<1.00	0.800	<0.200
MW-26A	DUP-92309	9/23/2009	<0.200	<0.200	<0.200	0.800	<0.200	<1.00	0.700	<0.200
MW-26A	MW26A-92309	9/23/2009	<0.200	<0.200	<0.200	0.800	<0.200	<1.00	0.700	<0.200
MW-26A	DUP-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.600	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.600	<0.200
MW-26A	101311-MW26A	10/13/2011	<0.200	<0.200	<0.200	1.20J	<0.200	<1.00	0.900J	<0.200J
MW-26A	101311-MW600	10/13/2011	<0.200J	<0.200J	<0.200J	<0.200J	<0.200J	<1.00J	<0.200J	<0.200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	<0.0500	—	—	—	0.110J	—
MW-26B	MW-26B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200J
MW-26C	MW-26C_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-27A	MW-27A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							Trichlorofluoromethane (CFC-11)
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	
CAS			100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4
Preliminary Screening Level			8186.05	—	2.9	1000	2	—	0.7	—
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.200	<0.200
MW-27A	093011-MW27A	9/30/2011	<0.200	<0.200	<0.200	0.700	<0.200	<1.00	1.00	<0.200
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	<0.0500	—	—	—	0.120J	—
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	<0.0500	—	—	—	<0.0500	—
MW-28A	MW-28A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	6.00	<1.00	<5.00	<1.00	<1.00
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	<1.00	6.60	—	—	<1.00	—
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	<1.00	10.0	—	—	<1.00	—
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	7.80	<0.200	<1.00	0.400	<0.200
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	<0.200	8.70	<0.200	<1.00	0.300	<0.200
MW-28A	MW-104	8/11/2006	<0.200	<0.200	<0.200	4.20	<0.200	<1.00	0.300	<0.200
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	3.70	<0.200	<1.00	0.200	<0.200
MW-28A	100311-MW28A	10/3/2011	<0.200	<0.200	<0.200	1.20	<0.200	<1.00	0.400	<0.200
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	<0.0500	—	—	—	0.810	—
MW-28B	MW-28B_03/24/2000	3/24/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	<0.200	8.80	<0.200	<1.00	0.300	<0.200
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	<0.0500	—	—	—	<0.0500	—
MW-29A	MW-29A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	1.80	<1.00	<5.00	18.0	<1.00
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	<1.00	2.40	—	—	11.0	—
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	<1.00	2.20	—	—	10.0	—
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	<0.200	2.00	<0.200	<1.00	8.90	<0.200
MW-29A	MW-29A_20050131	1/31/2005	<1.00	<1.00	<1.00	1.26	<1.00	—	2.19	<1.00
MW-29A	MW-29A_20050404	4/4/2005	<1.00	<1.00	<1.00	1.18	<1.00	—	1.93	<1.00
MW-29A	MW-29A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-29A	MW-29A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	1.20	<1.00
MW-29A	MW-29A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-29A	022706-MW-29A	2/27/2006	<0.200	<0.200	<0.200	1.00	<0.200	<1.00	1.40	<0.200
MW-29A	MW-29A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	4.30	<1.00
MW-29A	MW-29A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	4.17	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	0.800	<0.200	<1.00	1.50	<0.200
MW-29A	MW-29A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	7.77	<1.00
MW-29A	MW-29A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	12.5	<1.00
MW-29A	MW-29A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	3.16	<1.00
MW-29A	MW-29A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.80	<1.00
MW-29A	MW-29A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	4.70	<1.00
MW-29A	MW29-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	3.00	<1.00
MW-29A	MW29-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.50	<1.00
MW-29A	MW-29A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.30	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
			CAS	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-29A	MW29-123108	12/31/2008	<0.200	<0.200	<0.200	0.300	<0.200	<1.00	0.800	<0.200
MW-29A	MW29A-032609	3/26/2009	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	1.00	<0.200
MW-29A	MW29A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.800	<0.200
MW-29A	MW29A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.600	<0.200
MW-29A	MW29A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	3.10	<0.200
MW-29A	101211-MW29A	10/12/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.900	<0.200J
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	<0.0500	—	—	—	0.320	—
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-29B	101211-MW29B	10/12/2011	<0.200J	<0.200J	<0.200J	<0.200J	<0.200J	<1.00J	<0.200J	<0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200J
MW-29C	101211-MW400	10/12/2011	<0.200J	<0.200J	<0.200J	<0.200J	<0.200J	<1.00J	<0.200J	<0.200J
MW-30A	MW-30A_03/27/2000	3/27/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW-30A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW-30A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW-30A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-30A	MW-30A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW30-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW30-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW-30A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-30A	MW30-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW30A-032509	3/25/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW30A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW30A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	MW30A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-30A	092911-MW30A	9/29/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							Trichlorofluoromethane (CFC-11)
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	
			CAS	100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	<0.0500	—	—	—	<0.0500	—
MW-31A	MW-31A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	<1.00	<1.00	—	—	<1.00	—
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-31A	MW-31A_03262002	3/26/2002	<0.200	<0.200	<0.200	0.700	<0.200	<1.00	0.400	<0.200
MW-31A	MW-31A	5/15/2002	<0.200	<0.200	<0.200	0.600	<0.200	<1.00	0.400	<0.200
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	<0.0500	—	—	—	0.0800J	—
MW-31A	093011-MW31A	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-32A	MW-32A_03/28/2000	3/28/2000	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	<1.00	<1.00	—	—	1.20	—
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	<1.00	<1.00	—	—	<1.00	—
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	2.80	<0.200
MW-32A	092711-MW32A	9/27/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	3.20	<0.200
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	0.120J	—	—	—	1.48	—
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	0.600	0.900	<0.200	<1.00	64.0	<0.200
MW-33A	092911-MW33A	9/29/2011	<0.200	<0.200	0.900	1.40	<0.200	<1.00	26.0	<0.200
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	0.530	—	—	—	7.39	—
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	0.400	<0.200	<0.200	<1.00	2.40	<0.200
MW-34A	092911-MW34A	9/29/2011	<0.200	<0.200	0.200	<0.200	<0.200	<1.00	1.20	<0.200
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	0.100J	—	—	—	0.590	—
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	0.170J	—	—	—	0.560	—
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	3.30	<0.200	<1.00	0.400	<0.200
MW-35A	MW-35A_20050131	1/31/2005	<1.00	<1.00	<1.00	1.54	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20050404	4/4/2005	<1.00	<1.00	<1.00	1.07	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20050712	7/12/2005	<1.00	<1.00	<1.00	1.97	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20050927	9/27/2005	<1.00	<1.00	<1.00	2.39	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20051227	12/27/2005	<1.00	<1.00	<1.00	1.93	<1.00	—	<1.00	<1.00
MW-35A	022806-MW-35A	2/28/2006	<0.200	<0.200	<0.200	2.60	<0.200	<1.00	0.300	<0.200
MW-35A	MW-35A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	1.00	<0.200	<1.00	0.400	<0.200
MW-35A	MW-35A_20061003	10/3/2006	<1.00	<1.00	<1.00	1.21	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20070112	1/12/2007	<1.00	<1.00	<1.00	2.18	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_20070413	4/13/2007	<1.00	<1.00	<1.00	1.33	<1.00	—	<1.00	<1.00
MW-35A	MW-35A_092807	9/28/2007	<1.00	<1.00	<1.00	3.10	<1.00	<5.00	<1.00	<1.00
MW-35A	MW-35A_122007	12/20/2007	<1.00	<1.00	<1.00	3.00	<1.00	<5.00	<1.00	<1.00
MW-35A	MW35-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-35A	MW35-061608	6/16/2008	<1.00	<1.00	<1.00	1.10	<1.00	<5.00	<1.00	<1.00
MW-35A	MW-35A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-35A	MW35-123108	12/31/2008	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	0.900	<0.200
MW-35A	MW35A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.600	<0.200
MW-35A	MW35A-63009	6/30/2009	<0.200	<0.200	<0.200	1.50	<0.200	<1.00	0.300	<0.200
MW-35A	MW35A-92309	9/23/2009	<0.200	<0.200	<0.200	1.30	<0.200	<1.00	<0.200	<0.200
MW-35A	MW35A-122309	12/23/2009	<0.200	<0.200	<0.200	0.600	<0.200	<1.00	0.600	<0.200
MW-35A	101111-MW35A	10/11/2011	<0.200	<0.200	<0.200	1.30	<0.200	<1.00	0.400	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
	CAS		100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	<0.0500	—	—	—	0.0500	—
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.400	<0.200
MW-35B	101111-MW35B	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	<0.200	0.600	<0.200	<1.00	47.0	<0.200
MW-36A	MW-36A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	31.3	<1.00
MW-36A	MW-36A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	34.2	<1.00
MW-36A	MW-36A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	27.7	<1.00
MW-36A	MW-36A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	26.7	<1.00
MW-36A	MW-36A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	24.1	<1.00
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	21.0	<0.200
MW-36A	MW-36A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	23.0	<1.00
MW-36A	MW-36A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	20.6	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	15.0	<0.200
MW-36A	MW-36A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	26.3	<1.00
MW-36A	MW-36A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	26.0	<1.00
MW-36A	MW-36A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	23.4	<1.00
MW-36A	MW-36A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	13.0	<1.00
MW-36A	MW-36A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	19.0	<1.00
MW-36A	MW36-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	14.0	<1.00
MW-36A	MW36-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	10.0	<1.00
MW-36A	MW-36A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	13.0	<1.00
MW-36A	MW36-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	16.0	<0.200
MW-36A	MW36A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	15.0	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	13.0	<0.200
MW-36A	MW36A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	10.0	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	13.0	<0.200
MW-36A	101111-MW36A	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	8.50	<0.200
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	<0.0500	—	—	—	3.11	—
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.500	<0.200
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	1.40	<0.200
MW-37A	MW-37A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20050714	7/14/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20050929	9/29/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	2.24	<1.00
MW-37A	MW-37A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	1.27	<1.00
MW-37A	MW-37A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-37A	MW-37A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
CAS			100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4
Preliminary Screening Level			8186.05	—	2.9	1000	2	—	0.7	—
MW-37A	MW-37A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	2.60	<1.00
MW-37A	MW-37A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW37-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-37A	MW37-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	1.70	<1.00
MW-37A	MW-37A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	3.80	<1.00
MW-37A	MW37-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.400	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-37A	MW37A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-37A	MW37A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-37A	MW37A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-37A	092811-MW37A	9/28/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	4.00	<0.200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	<0.0500	—	—	—	1.65	—
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	<0.0500	—	—	—	1.63	—
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.200	<0.200
MW-37B	093011-MW37B	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-38A	MW38-25	5/2/2002	<0.200	<0.200	<0.200	0.400	<0.200	<1.00	0.400	<0.200
MW-38A	093011-MW38A	9/30/2011	<0.200	<0.200	<0.200	0.600	<0.200	<1.00	<0.200	<0.200
MW-38A	093011-MW100	9/30/2011	<0.200	<0.200	<0.200	0.600	<0.200	<1.00	<0.200	<0.200
MW-39A	MW-39A_05/15/2002	5/15/2002	<0.200	<0.200	<0.200	0.700	<0.200	<1.00	0.400	<0.200
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-39A	100311-MW39A	10/3/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-40A	MW-40	2/17/2004	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	Trichlorofluoromethane (CFC-11)
			CAS 100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4
	Preliminary Screening Level		8186.05	—	2.9	1000	2	—	0.7	—
MW-40A	101111-MW40A	10/11/2011	<0.200	<0.200	<0.200	0.200	<0.200	<1.00	<0.200	<0.200
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	<0.0500	—	—	—	<0.0500	—
MW-40B	101111-MW40B	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-40B	101111-MW300	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	<0.0500	—	—	—	<0.0500	—
MW-41A	MW-41	2/17/2004	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20050131	1/31/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20050404	4/4/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20050712	7/12/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20050927	9/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20051227	12/27/2005	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	MW-41A_20060411	4/11/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20060626	6/26/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	MW-41A_20061003	10/3/2006	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20070112	1/12/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_20070413	4/13/2007	<1.00	<1.00	<1.00	<1.00	<1.00	—	<1.00	<1.00
MW-41A	MW-41A_092807	9/28/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW41-032708	3/27/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW41-061608	6/16/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00
MW-41A	MW41-123108	12/31/2008	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	MW41A-032509	3/25/2009	<0.200	<0.200	<0.200	0.300	<0.200	<1.00	<0.200	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	MW41A-122309	12/23/2009	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	092911-MW41A	9/29/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	<0.0500	—	—	—	0.0600J	—
MW-42A	MW-42A	4/29/2004	—	—	—	—	—	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	0.200	<0.200
MW-43A	101211-MW43A	10/12/2011	<0.200	<0.200	<0.200	0.800	<0.200	<1.00	1.40	<0.200J
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	<0.0500	—	—	—	2.33	—
MW-44A	101311-MW44A	10/13/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	3.60	<0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	<0.0500	—	—	—	0.440	—
MW-45A	092811-MW-45A	9/28/2011	<0.200	<0.200	0.600	0.300	<0.200	<1.00	42.0	<0.200
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	1.47	—	—	—	41.5	—

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)							Trichlorofluoromethane (CFC-11)
			Styrene	tert-Butylbenzene	Tetrachloroethylene (PCE)	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethylene (TCE)	
CAS			100-42-5	98-06-6	127-18-4	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4
Preliminary Screening Level			8186.05	—	2.9	1000	2	—	0.7	—
MW-46A	100411-MW46A	10/4/2011	<0.200	<0.200	17.0	5.90	<0.200	<1.00	280	<0.200
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	20.6	—	—	—	367	—
MW-47A	101311-MW47A	10/13/2011	<0.200	<0.200	<0.200	4.70	<0.200	<1.00	7.30	<0.200
MW-47A	101311-MW700	10/13/2011	<0.200	<0.200	<0.200	3.50	<0.200	<1.00	6.60	<0.200
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	<0.0500	—	—	—	1.55	—
MW-47B	101311-MW47B	10/13/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-48A	101111-MW48A	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	5.70	<0.200
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	<0.0500	—	—	—	1.37	—
MW-48B	101111-MW48B	10/11/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200
MW-49A	101211-MW49A	10/12/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200J
MW-49A	101211-MW500	10/12/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200J
MW-49B	101211-MW49B	10/12/2011	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.200	<0.200J
N2	N2-RGW_4202004	4/20/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
N5	N5-RGW_3232004	3/23/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
N6	N6-RGW_3232004	3/23/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
P1	PI-RGW_4152004	4/15/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
P3	P3-RGW_4122004	4/12/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
R1	R1-RGW_422004	4/2/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
R3	R3-RGW_422004	4/2/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
R5	R5-RGW_462004	4/6/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
R7	R7-RGW_452004	4/5/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
SWS-5	SWS-5-RGW_482004	4/8/2004	<0.219	<0.278	<0.250	<0.302	<0.181	—	<0.223	<0.181
VET-B-RGW	VET-B-RGW	3/24/2004	<1.00	<1.00	<1.00	14.6	<1.00	—	1.26	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
A1	A1-RGW_4192004	4/19/2004	—	—	4580
B1	BI-RGW_3252004	3/25/2004	—	—	108
CPB-1	CPB-1-RGW_4122004	4/12/2004	—	—	<0.490
F1	F1-RGW_3192004	3/19/2004	—	—	2660
F3	F3-RGW_3172004	3/17/2004	—	—	1.79
F5	F5-RGW_472004	4/7/2004	—	—	<0.490
FTF-1	FTF-1-RGW_472004	4/7/2004	—	—	<0.490
G6	G6-RGW_3182004	3/18/2004	—	—	<0.490
H3	H3-RGW RE1_3172004	3/17/2004	—	—	1190
J2	J2-RGW_4192004	4/19/2004	—	—	0.910J
J4	J4-RGW_3182004	3/18/2004	—	—	0.530J
K5	K5-RGW_412004	4/1/2004	—	—	<0.490
L1	L1-RGW_4202004	4/20/2004	—	—	0.810J
L3	L3-RGW_3192004	3/19/2004	—	—	0.510J
L6	L6-RGW_412004	4/1/2004	—	—	<0.490
M7	M7-RGW_452004	4/5/2004	—	—	<0.490
MW-1A	MW-1A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-1A	030606-MW-1A	3/6/2006	<0.200	<0.200	<0.200
MW-1A	MW-1A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200
MW-4A	MW-4A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-6A	MW-6A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-6A	093011-MW6A	9/30/2011	<0.200	<1.00	<0.0200
MW-6A(R)	MW-6A(R)	4/29/2004	—	—	—
MW-7A	MW-7A_03/28/2000	3/28/2000	<2.00	<5.00	<1.00
MW-7A	MW-7A_2000_11_6	11/6/2000	—	—	<1.00
MW-7A	MW-7A_2001_4_10	4/10/2001	—	—	<1.00
MW-7A	MW-7A_03/27/2002	3/27/2002	<0.200	<0.200	0.500
MW-7A	MW-7A	2/20/2004	—	—	<1.00
MW-7A	MW-7A_20050131	1/31/2005	—	—	<1.00
MW-7A	MW-7A_20050404	4/4/2005	—	—	<1.00
MW-7A	MW-7A_20050712	7/12/2005	—	—	<1.00
MW-7A	MW-7A_20050927	9/27/2005	—	—	<1.00
MW-7A	MW-7A_20051227	12/27/2005	—	—	<1.00
MW-7A	030206-MW-7A	3/2/2006	<0.200	<0.200	<0.200
MW-7A	MW-7A_20060411	4/11/2006	—	—	<1.00
MW-7A	MW-7A_20060626	6/26/2006	—	—	<1.00
MW-7A	MW-7A_08/10/2006	8/10/2006	<0.200	<0.200	<0.200
MW-7A	MW-7A_20061003	10/3/2006	—	—	<1.00
MW-7A	MW-7A_20070112	1/12/2007	—	—	13.0
MW-7A	MW-7A_20070413	4/13/2007	—	—	<1.00
MW-7A	MW-7A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-7A	MW7-032708	3/27/2008	<2.00	<5.00	<1.00
MW-7A	MW7-061608	6/16/2008	<2.00	<5.00	<1.00
MW-7A	MW-7A_093008	9/30/2008	<2.00	<5.00	<1.00
MW-7A	MW7-123108	12/31/2008	<0.200	<1.00	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-7A	MW7A-032509	3/25/2009	<0.200	<1.00	<0.200
MW-7A	MW7A-63009	6/30/2009	<0.200	<1.00	<0.200
MW-7A	MW7A-92309	9/23/2009	<0.200	<1.00	<0.200
MW-7A	MW7A-122309	12/23/2009	<0.200	<1.00	<0.200
MW-7A	092711-MW7A	9/27/2011	<0.200	<1.00	0.120
MW-7A	MW-07A-1/25/2019	1/25/2019	—	—	<0.00501
MW-8A	MW-8A_03/28/2000	3/28/2000	<2.00	<5.00	<1.00
MW-8A	MW-8A_2000_11_6	11/6/2000	—	—	3.10
MW-8A	MW-8A_2001_4_10	4/10/2001	—	—	<1.00
MW-8A	MW-8A_03/28/2002	3/28/2002	<0.200	<0.200	0.400
MW-8A	030306-MW-8A	3/3/2006	<0.200	<0.200	<0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	<0.200	<0.200	0.200
MW-8A	100311-MW8A	10/3/2011	<0.200	<1.00	0.380
MW-8B	MW-8B_03/28/2002	3/28/2002	<0.200	<0.200	2.40
MW-8B	030606-MW-8B	3/6/2006	<0.200	<0.200	2.60
MW-8B	MW-8B_08/14/2006	8/14/2006	<0.200	<0.200	0.300
MW-8B	100411-MW8B	10/4/2011	<0.200	<1.00	0.400
MW-9A	MW-9A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200
MW-9A	030306-MW-9A	3/3/2006	<0.200	<0.200	<0.200
MW-9A	MW-9A_08/14/2006	8/14/2006	<0.200	<0.200	0.200
MW-9A	092811-MW-9A	9/28/2011	<0.200	<1.00	0.140
MW-11A	MW-11A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200
MW-11A	030306-MW-11A	3/3/2006	<0.200	<0.200	<0.200
MW-11A	MW-11A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200
MW-11A	100311-MW11A	10/3/2011	<0.200	<1.00	<0.0200
MW-12A	MW-12A_03/28/2000	3/28/2000	<2.00	<5.00	3.30
MW-12A	MW-12A_2000_11_8	11/8/2000	—	—	<1.00
MW-12A	MW-12A_2001_4_10	4/10/2001	—	—	<1.00
MW-12A	MW-12A_03262002	3/26/2002	<0.200	<0.200	1.40
MW-12A	092911-MW12A	9/29/2011	<0.200	<1.00	<0.0200
MW-12A	MW-12A-1/25/2019	1/25/2019	—	—	<0.00501
MW-14A	MW-14A_03/27/2000	3/27/2000	<2.00	<5.00	0.800J
MW-14A	MW-14A_2000_11_7	11/7/2000	—	—	<1.00
MW-14A	MW-14A_2001_4_11	4/11/2001	—	—	1.00
MW-14A	MW-14A_03/27/2002	3/27/2002	<0.200	<0.200	0.400
MW-14A	MW-101A	3/27/2002	<0.200	<0.200	0.400
MW-14A	030306-MW-14A	3/3/2006	<1.00	<1.00	<1.00
MW-14A	MW-14A_08/11/2006	8/11/2006	<0.200	<0.200	0.200
MW-14A	092911-MW14A	9/29/2011	<0.200	<1.00	0.0320
MW-14A	MW-14A-1/28/2019	1/28/2019	—	—	<0.00501
MW-15A	MW-15A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200
MW-15A	100311-MW200	10/3/2011	<0.200	<1.00	0.300
MW-15A	MW-15A-1/28/2019	1/28/2019	—	—	1.16
MW-16A	MW-16A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-16A	030606-MW-102	3/6/2006	<0.200	<0.200	<0.200

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-16A	030606-MW-16A	3/6/2006	<0.200	<0.200	<0.200
MW-16A	MW-105	8/14/2006	<0.200	<0.200	<0.200
MW-16A	MW-16A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200
MW-16A	093011-MW16A	9/30/2011	<0.200	<1.00	0.180
MW-16A	MW-16A-1/28/2019	1/28/2019	—	—	<0.00501
MW-18A	MW-18A_03/28/2000	3/28/2000	<2.00	<5.00	<1.00
MW-18A	MW-18A_2000_11_6	11/6/2000	—	—	<1.00
MW-18A	MW-18A_2001_4_11	4/11/2001	—	—	<1.00
MW-18A	MW-18A_03/27/2002	3/27/2002	<0.200	<0.200	0.600
MW-18A	092911-MW18A	9/29/2011	<0.200	<1.00	0.0800
MW-18A	MW-18A-1/23/2019	1/23/2019	—	—	0.782
MW-19B	MW-19B_03/27/2002	3/27/2002	<0.200	<0.200	0.800
MW-22A	MW-22A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-22A	093011-MW22A	9/30/2011	<0.200	<1.00	0.700
MW-22A	MW-22A-1/28/2019	1/28/2019	—	—	<0.00501
MW-23A	MW-23A_03/27/2002	3/27/2002	<0.200	<0.200	<0.200
MW-23A	092911-MW23A	9/29/2011	<0.200	<1.00	3.00
MW-23A	MW-23A-1/28/2019	1/28/2019	—	—	<0.00501
MW-24A	MW-24A_03/28/2000	3/28/2000	<2.00	<5.00	1.10
MW-24A	MW-24A_2000_11_8	11/8/2000	—	—	<1.00
MW-24A	MW-24A_2001_4_11	4/11/2001	—	—	<1.00
MW-24A	MW-24A_03/27/2002	3/27/2002	<0.200	<0.200	1.00
MW-24A	100411-MW24A	10/4/2011	<0.200	<1.00	6.00
MW-24A	MW-24A-1/28/2019	1/28/2019	—	—	0.211
MW-25A	MW-25A_03/27/2000	3/27/2000	<2.00	<5.00	2.00
MW-25A	MW-25A_2000_11_7	11/7/2000	—	—	2.00
MW-25A	MW-25A_2001_4_11	4/11/2001	—	—	<1.00
MW-25A	MW-25A_03/27/2002	3/27/2002	<0.200	<0.200	2.60
MW-25A	030206-MW-25A	3/2/2006	<0.200	<0.200	0.500
MW-25A	MW-25A_08/10/2006	8/10/2006	<0.200	<0.200	2.00
MW-25A	093011-MW25A	9/30/2011	<0.200	<1.00	1.20
MW-25A	MW-25A-1/28/2019	1/28/2019	—	—	0.468
MW-26A	MW-26A_03/27/2000	3/27/2000	<2.00	<5.00	120
MW-26A	MW-26A_2000_11_6	11/6/2000	—	—	49.0
MW-26A	MW-26A_2001_4_10	4/10/2001	—	—	20.0
MW-26A	MW-26A_03/29/2002	3/29/2002	<0.200	<0.200	48.0
MW-26A	MW-26A_20050131	1/31/2005	—	—	24.0
MW-26A	MW-26A_20050404	4/4/2005	—	—	3.13
MW-26A	MW-26A_20050712	7/12/2005	—	—	3.12
MW-26A	MW-26A_20050927	9/27/2005	—	—	1.68
MW-26A	MW-26A_20051227	12/27/2005	—	—	<1.00
MW-26A	ALT-26A	2/27/2006	<0.200	<0.200	1.60
MW-26A	AHT-26A	2/27/2006	<0.200	<0.200	2.40
MW-26A	MW-26A_20060411	4/11/2006	—	—	<1.00
MW-26A	MW-26A_20060626	6/26/2006	—	—	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-26A	MW-26A_08/07/2006	8/7/2006	<0.200	<0.200	0.400
MW-26A	MW-26A_20061003	10/3/2006	—	—	<1.00
MW-26A	MW-26A_20070112	1/12/2007	—	—	<1.00
MW-26A	MW-26A_20070413	4/13/2007	—	—	<1.00
MW-26A	MW-26A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-26A	MW-00_092807	9/28/2007	<2.00	<5.00	<1.00
MW-26A	MW-00_122007	12/20/2007	<2.00	<5.00	<1.00
MW-26A	MW-26A_122007	12/20/2007	<2.00	<5.00	<1.00
MW-26A	DUP-032708	3/27/2008	<2.00	<5.00	<1.00
MW-26A	MW26-032708	3/27/2008	<2.00	<5.00	<1.00
MW-26A	DUP-061608	6/16/2008	<2.00	<5.00	<1.00
MW-26A	MW26-061608	6/16/2008	<2.00	<5.00	<1.00
MW-26A	DUP-01_093008	9/30/2008	<2.00	<5.00	<1.00
MW-26A	MW-26A_093008	9/30/2008	<2.00	<5.00	<1.00
MW-26A	DUP-123108	12/31/2008	<0.200	<1.00	0.500
MW-26A	MW26-123108	12/31/2008	<0.200	<1.00	0.500
MW-26A	DUP-032609	3/26/2009	<0.200	<1.00	<0.200
MW-26A	MW26A-092609	3/26/2009	<0.200	<1.00	<0.200
MW-26A	DUP-63009	6/30/2009	<0.200	<1.00	0.200
MW-26A	MW26A-63009	6/30/2009	<0.200	<1.00	0.300
MW-26A	DUP-92309	9/23/2009	<0.200	<1.00	<0.200
MW-26A	MW26A-92309	9/23/2009	<0.200	<1.00	<0.200
MW-26A	DUP-122309	12/23/2009	<0.200	<1.00	<0.200
MW-26A	MW26A-122309	12/23/2009	<0.200	<1.00	<0.200
MW-26A	101311-MW26A	10/13/2011	<0.200	<1.00	0.120
MW-26A	101311-MW600	10/13/2011	<0.200J	<1.00J	<0.0200J
MW-26A	MW-26A-2/1/2019	2/1/2019	—	—	0.230
MW-26B	MW-26B_03/24/2000	3/24/2000	<2.00	<5.00	<1.00
MW-26B	MW-26B_2000_11_6	11/6/2000	—	—	<1.00
MW-26B	MW-26B_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-26B	ALT-26B	2/27/2006	<0.200	<0.200	<0.200
MW-26B	AHT-26B	2/27/2006	<0.200	<0.200	<0.200
MW-26B	MW-103	8/7/2006	<0.200	<0.200	<0.200
MW-26B	MW-26B_08/07/2006	8/7/2006	<0.200	<0.200	<0.200
MW-26B	101311-MW26B	10/13/2011	<0.200	<1.00	0.300J
MW-26C	MW-26C_03/24/2000	3/24/2000	<2.00	<5.00	<1.00
MW-26C	MW-26C_2000_11_6	11/6/2000	—	—	<1.00
MW-26C	MW-26C_03/29/2002	3/29/2002	<0.200	<0.200	<0.200
MW-26C	MW-103C	3/29/2002	<0.200	<0.200	<0.200
MW-26C	ALT-DUP	2/27/2006	<0.200	<0.200	<0.200
MW-26C	ALT-26C	2/27/2006	<0.200	<0.200	<0.200
MW-26C	AHT-26C	2/27/2006	<0.200	<0.200	<0.200
MW-26C	MW-26C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200
MW-26C	101311-MW26C	10/13/2011	<0.200	<1.00	<0.0200
MW-27A	MW-27A_03/27/2000	3/27/2000	<2.00	<5.00	2.80

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-27A	MW-27A_2000_11_7	11/7/2000	—	—	<1.00
MW-27A	MW-27A_2001_4_10	4/10/2001	—	—	<1.00
MW-27A	MW-27A_03262002	3/26/2002	<0.200	<0.200	1.00
MW-27A	093011-MW27A	9/30/2011	<0.200	<1.00	11.00
MW-27A	MW-27A-1/29/2019	1/29/2019	—	—	27.4
MW-27A	MW-100-1/29/2019	1/29/2019	—	—	26.4
MW-28A	MW-28A_03/27/2000	3/27/2000	<2.00	<5.00	56.0
MW-28A	MW-28A_2000_11_7	11/7/2000	—	—	26.0
MW-28A	MW-28A_2001_4_10	4/10/2001	—	—	45.0
MW-28A	MW-28A_03/28/2002	3/28/2002	<0.200	<0.200	69.0
MW-28A	030306-MW-28A	3/3/2006	<0.200	<0.200	69.0
MW-28A	MW-104	8/11/2006	<0.200	<0.200	36.0
MW-28A	MW-28A_08/11/2006	8/11/2006	<0.200	<0.200	35.0
MW-28A	100311-MW28A	10/3/2011	<0.200	<1.00	8.00
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	38.0
MW-28B	MW-28B_03/24/2000	3/24/2000	<2.00	<5.00	<1.00
MW-28B	MW-28B_2000_11_7	11/7/2000	—	—	<1.00
MW-28B	MW-28B_03/28/2002	3/28/2002	<0.200	<0.200	0.300
MW-28B	MW-102B	3/28/2002	<0.200	<0.200	0.300
MW-28B	030306-MW-101	3/3/2006	<0.200	<0.200	76.0
MW-28B	030306-MW-28B	3/3/2006	<0.200	<0.200	<0.200
MW-28B	MW-28B_08/11/2006	8/11/2006	<0.200	<0.200	<0.200
MW-28B	100311-MW28B	10/3/2011	<0.200	<1.00	<0.0200
MW-28B	MW-28B-1/29/2019	1/29/2019	—	—	0.0321
MW-29A	MW-29A_03/27/2000	3/27/2000	<2.00	<5.00	5.80
MW-29A	MW-29A_2000_11_7	11/7/2000	—	—	360
MW-29A	MW-29A_2001_4_10	4/10/2001	—	—	73.0
MW-29A	MW-29A_03262002	3/26/2002	<0.200	<0.200	33.0
MW-29A	MW-29A_20050131	1/31/2005	—	—	11.4
MW-29A	MW-29A_20050404	4/4/2005	—	—	8.25
MW-29A	MW-29A_20050712	7/12/2005	—	—	<1.00
MW-29A	MW-29A_20050929	9/29/2005	—	—	2.96
MW-29A	MW-29A_20051227	12/27/2005	—	—	8.57
MW-29A	022706-MW-29A	2/27/2006	<0.200	<0.200	4.40
MW-29A	MW-29A_20060411	4/11/2006	—	—	1.48
MW-29A	MW-29A_20060626	6/26/2006	—	—	<1.00
MW-29A	MW-29A_08/08/2006	8/8/2006	<0.200	<0.200	0.900
MW-29A	MW-29A_20061003	10/3/2006	—	—	<1.00
MW-29A	MW-29A_20070112	1/12/2007	—	—	<1.00
MW-29A	MW-29A_20070413	4/13/2007	—	—	<1.00
MW-29A	MW-29A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-29A	MW-29A_122007	12/20/2007	<2.00	<5.00	<1.00
MW-29A	MW29-032708	3/27/2008	<2.00	<5.00	<1.00
MW-29A	MW29-061608	6/16/2008	<2.00	<5.00	<1.00
MW-29A	MW-29A_093008	9/30/2008	<2.00	<5.00	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-29A	MW29-123108	12/31/2008	<0.200	<1.00	1.20
MW-29A	MW29A-032609	3/26/2009	<0.200	<1.00	0.400
MW-29A	MW29A-63009	6/30/2009	<0.200	<1.00	<0.200
MW-29A	MW29A-92309	9/23/2009	<0.200	<1.00	<0.200
MW-29A	MW29A-122309	12/23/2009	<0.200	<1.00	<0.200
MW-29A	101211-MW29A	10/12/2011	<0.200	<1.00	0.200
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	2.94
MW-29B	MW-29B_03262002	3/26/2002	<0.200	<0.200	1.00
MW-29B	022806-MW-29B	2/28/2006	<0.200	<0.200	0.300
MW-29B	MW-29B_08/10/2006	8/10/2006	<0.200	<0.200	0.200
MW-29B	101211-MW29B	10/12/2011	<0.200J	<1.00J	0.200J
MW-29C	MW-29C_04/02/2002	4/2/2002	<0.200	<0.200	<0.200
MW-29C	022706-MW-29C	2/27/2006	<0.200	<0.200	<0.200
MW-29C	MW-29C_08/07/2006	8/7/2006	<0.200	<0.200	<0.200
MW-29C	101211-MW29C	10/12/2011	<0.200	<1.00	<0.0200
MW-29C	101211-MW400	10/12/2011	<0.200J	<1.00J	<0.0200J
MW-30A	MW-30A_03/27/2000	3/27/2000	<2.00	<5.00	2.70
MW-30A	MW-30A_2000_11_7	11/7/2000	—	—	<1.00
MW-30A	MW-30A_2001_4_10	4/10/2001	—	—	2.60
MW-30A	MW-30A_03262002	3/26/2002	<0.200	<0.200	3.90
MW-30A	MW-30A_20050131	1/31/2005	—	—	1.27
MW-30A	MW-30A_20050404	4/4/2005	—	—	1.08
MW-30A	MW-30A_20050712	7/12/2005	—	—	<1.00
MW-30A	MW-30A_20050929	9/29/2005	—	—	<1.00
MW-30A	MW-30A_20051227	12/27/2005	—	—	<1.00
MW-30A	AHT-DUP	2/28/2006	<0.200	<0.200	0.800
MW-30A	ALT-MW-30A	2/28/2006	<0.200	<0.200	0.700
MW-30A	AHT-MM-30A	2/28/2006	<0.200	<0.200	0.700
MW-30A	MW-30A_20060411	4/11/2006	—	—	<1.00
MW-30A	MW-30A_20060626	6/26/2006	—	—	<1.00
MW-30A	MW-30A_08/10/2006	8/10/2006	<0.200	<0.200	0.400
MW-30A	MW-30A_20061003	10/3/2006	—	—	<1.00
MW-30A	MW-30A_20070112	1/12/2007	—	—	<1.00
MW-30A	MW-30A_20070413	4/13/2007	—	—	<1.00
MW-30A	MW-30A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-30A	MW-30A_122007	12/20/2007	<2.00	<5.00	<1.00
MW-30A	MW30-032708	3/27/2008	<2.00	<5.00	<1.00
MW-30A	MW30-061608	6/16/2008	<2.00	<5.00	1.90
MW-30A	MW-30A_093008	9/30/2008	<2.00	<5.00	1.20
MW-30A	MW30-123108	12/31/2008	<0.200	<1.00	1.50
MW-30A	MW30A-032509	3/25/2009	<0.200	<1.00	2.60
MW-30A	MW30A-63009	6/30/2009	<0.200	<1.00	3.00
MW-30A	MW30A-92309	9/23/2009	<0.200	<1.00	1.60
MW-30A	MW30A-122309	12/23/2009	<0.200	<1.00	1.60
MW-30A	092911-MW30A	9/29/2011	<0.200	<1.00	0.480

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-30A	MW-30A-1/24/2019	1/24/2019	—	—	2.10
MW-31A	MW-31A_03/28/2000	3/28/2000	<2.00	<5.00	180
MW-31A	MW-31A_2000_11_6	11/6/2000	—	—	69.0
MW-31A	MW-31A_2001_4_10	4/10/2001	—	—	25.0
MW-31A	MW-31A_03262002	3/26/2002	<0.200	<0.200	26.0
MW-31A	MW-31A	5/15/2002	<0.200	<0.200	26.0
MW-31A	MW-31A-1/29/2019	1/29/2019	—	—	1.33
MW-31A	093011-MW31A	9/30/2011	<0.200	<1.00	0.0260
MW-32A	MW-32A_03/28/2000	3/28/2000	<2.00	<5.00	1.90
MW-32A	MW-32A_2000_11_6	11/6/2000	—	—	3.30
MW-32A	MW-32A_2001_4_10	4/10/2001	—	—	<1.00
MW-32A	MW-32A_03/27/2002	3/27/2002	<0.200	<0.200	7.50
MW-32A	092711-MW32A	9/27/2011	<0.200	<1.00	13.01
MW-32A	MW-32A-1/30/2019	1/30/2019	—	—	0.496
MW-33A	MW-33A_03/27/2002	3/27/2002	<0.200	<0.200	4.20
MW-33A	092911-MW33A	9/29/2011	<0.200	<1.00	8.601
MW-33A	MW-33A-1/30/2019	1/30/2019	—	—	9.05
MW-34A	MW-34A_03/28/2002	3/28/2002	<0.200	<0.200	<0.200
MW-34A	092911-MW34A	9/29/2011	<0.200	<1.00	<0.0200
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	<0.00501
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	<0.00501
MW-35A	MW-35A_03/29/2002	3/29/2002	<0.200	<0.200	51.0
MW-35A	MW-35A_20050131	1/31/2005	—	—	31.7
MW-35A	MW-35A_20050404	4/4/2005	—	—	9.70
MW-35A	MW-35A_20050712	7/12/2005	—	—	8.04
MW-35A	MW-35A_20050927	9/27/2005	—	—	17.9
MW-35A	MW-35A_20051227	12/27/2005	—	—	19.2
MW-35A	022806-MW-35A	2/28/2006	<0.200	<0.200	7.40
MW-35A	MW-35A_20060411	4/11/2006	—	—	<1.00
MW-35A	MW-35A_20060626	6/26/2006	—	—	<1.00
MW-35A	MW-35A_08/08/2006	8/8/2006	<0.200	<0.200	2.40
MW-35A	MW-35A_20061003	10/3/2006	—	—	6.14
MW-35A	MW-35A_20070112	1/12/2007	—	—	4.39
MW-35A	MW-35A_20070413	4/13/2007	—	—	3.59
MW-35A	MW-35A_092807	9/28/2007	<2.00	<5.00	6.80
MW-35A	MW-35A_122007	12/20/2007	<2.00	<5.00	3.50
MW-35A	MW35-032708	3/27/2008	<2.00	<5.00	<1.00
MW-35A	MW35-061608	6/16/2008	<2.00	<5.00	2.80
MW-35A	MW-35A_093008	9/30/2008	<2.00	<5.00	2.60
MW-35A	MW35-123108	12/31/2008	<0.200	<1.00	0.300
MW-35A	MW35A-032609	3/26/2009	<0.200	<1.00	<0.200
MW-35A	MW35A-63009	6/30/2009	<0.200	<1.00	3.30
MW-35A	MW35A-92309	9/23/2009	<0.200	<1.00	3.60
MW-35A	MW35A-122309	12/23/2009	<0.200	<1.00	<0.200
MW-35A	101111-MW35A	10/11/2011	<0.200	<1.00	1.80

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	2.01
MW-35B	MW-35B_03/29/2002	3/29/2002	<0.200	<0.200	0.300
MW-35B	022806-MW-35B	2/28/2006	<0.200	<0.200	<0.200
MW-35B	MW-35B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200
MW-35B	101111-MW35B	10/11/2011	<0.200	<1.00	0.0290
MW-36A	MW-36A_03262002	3/26/2002	<0.200	<0.200	4.90
MW-36A	MW-36A_20050131	1/31/2005	—	—	1.15
MW-36A	MW-36A_20050404	4/4/2005	—	—	<1.00
MW-36A	MW-36A_20050712	7/12/2005	—	—	<1.00
MW-36A	MW-36A_20050929	9/29/2005	—	—	<1.00
MW-36A	MW-36A_20051227	12/27/2005	—	—	<1.00
MW-36A	022806-MW-36A	2/28/2006	<0.200	<0.200	<0.200
MW-36A	MW-36A_20060411	4/11/2006	—	—	<1.00
MW-36A	MW-36A_20060626	6/26/2006	—	—	<1.00
MW-36A	MW-36A_08/10/2006	8/10/2006	<0.200	<0.200	0.300
MW-36A	MW-36A_20061003	10/3/2006	—	—	<1.00
MW-36A	MW-36A_20070112	1/12/2007	—	—	<1.00
MW-36A	MW-36A_20070413	4/13/2007	—	—	<1.00
MW-36A	MW-36A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-36A	MW-36A_122007	12/20/2007	<2.00	<5.00	<1.00
MW-36A	MW36-032708	3/27/2008	<2.00	<5.00	<1.00
MW-36A	MW36-061608	6/16/2008	<2.00	<5.00	<1.00
MW-36A	MW-36A_093008	9/30/2008	<2.00	<5.00	<1.00
MW-36A	MW36-123108	12/31/2008	<0.200	<1.00	<0.200
MW-36A	MW36A-032609	3/26/2009	<0.200	<1.00	<0.200
MW-36A	MW36A-63009	6/30/2009	<0.200	<1.00	<0.200
MW-36A	MW36A-92309	9/23/2009	<0.200	<1.00	<0.200
MW-36A	MW36A-122309	12/23/2009	<0.200	<1.00	<0.200
MW-36A	101111-MW36A	10/11/2011	<0.200	<1.00	0.0350
MW-36A	MW-36A-1/24/2019	1/24/2019	—	—	<0.00501
MW-36B	MW-36B_03262002	3/26/2002	<0.200	<0.200	0.600
MW-36B	022806-MW-36B	2/28/2006	<0.200	<0.200	<0.200
MW-36B	MW-36B_08/08/2006	8/8/2006	<0.200	<0.200	<0.200
MW-36B	101111-MW36B	10/11/2011	<0.200	<1.00	0.0590
MW-37A	MW-37A_03262002	3/26/2002	<0.200	<0.200	0.600
MW-37A	MW-37A_20050131	1/31/2005	—	—	<1.00
MW-37A	MW-37A_20050404	4/4/2005	—	—	<1.00
MW-37A	MW-37A_20050714	7/14/2005	—	—	<1.00
MW-37A	MW-37A_20050929	9/29/2005	—	—	<1.00
MW-37A	MW-37A_20051227	12/27/2005	—	—	<1.00
MW-37A	MW-37A_20060411	4/11/2006	—	—	<1.00
MW-37A	MW-37A_20060626	6/26/2006	—	—	<1.00
MW-37A	MW-37A_20061003	10/3/2006	—	—	<1.00
MW-37A	MW-37A_20070112	1/12/2007	—	—	<1.00
MW-37A	MW-37A_20070413	4/13/2007	—	—	<1.00

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-37A	MW-37A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-37A	MW-37A_122007	12/20/2007	<2.00	<5.00	<1.00
MW-37A	MW37-032708	3/27/2008	<2.00	<5.00	<1.00
MW-37A	MW37-061608	6/16/2008	<2.00	<5.00	<1.00
MW-37A	MW-37A_093008	9/30/2008	<2.00	<5.00	<1.00
MW-37A	MW37-123108	12/31/2008	<0.200	<1.00	<0.200
MW-37A	MW37A-032609	3/26/2009	<0.200	<1.00	0.400
MW-37A	MW37A-63009	6/30/2009	<0.200	<1.00	0.800
MW-37A	MW37A-92309	9/23/2009	<0.200	<1.00	0.500
MW-37A	MW37A-122309	12/23/2009	<0.200	<1.00	<0.200
MW-37A	092811-MW37A	9/28/2011	<0.200	<1.00	<0.0200
MW-37A	MW-37A-1/25/2019	1/25/2019	—	—	0.0203
MW-37A	MW-102-1/25/2019	1/25/2019	—	—	0.0192J
MW-37B	MW-37B_03262002	3/26/2002	<0.200	<0.200	1.00
MW-37B	093011-MW37B	9/30/2011	<0.200	<1.00	0.0320
MW-38A	MW38-25	5/2/2002	<0.200	<0.200	6.40
MW-38A	093011-MW38A	9/30/2011	<0.200	<1.00	9.30J
MW-38A	093011-MW100	9/30/2011	<0.200	<1.00	9.00J
MW-39A	MW-39A_05/15/2002	5/15/2002	<0.200	<0.200	22.0
MW-39A	030206-MW-39A	3/2/2006	<0.200	<0.200	<0.200
MW-39A	MW-39A_08/11/2006	8/11/2006	<0.200	<0.200	<0.200
MW-39A	100311-MW39A	10/3/2011	<0.200	<1.00	<0.0200
MW-40A	MW-40	2/17/2004	—	—	27.5

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-40A	101111-MW40A	10/11/2011	<0.200	<1.00	8.80
MW-40A	MW-40A-1/30/2019	1/30/2019	—	—	4.42
MW-40B	101111-MW40B	10/11/2011	<0.200	<1.00	0.210
MW-40B	101111-MW300	10/11/2011	<0.200	<1.00	0.300
MW-40B	MW-40B-1/31/2019	1/31/2019	—	—	0.131
MW-41A	MW-41	2/17/2004	—	—	1.94
MW-41A	MW-41A_20050131	1/31/2005	—	—	<1.00
MW-41A	MW-41A_20050404	4/4/2005	—	—	<1.00
MW-41A	MW-41A_20050712	7/12/2005	—	—	<1.00
MW-41A	MW-41A_20050927	9/27/2005	—	—	<1.00
MW-41A	MW-41A_20051227	12/27/2005	—	—	<1.00
MW-41A	030206-MW-41A	3/2/2006	<0.200	<0.200	0.300
MW-41A	MW-41A_20060411	4/11/2006	—	—	<1.00
MW-41A	MW-41A_20060626	6/26/2006	—	—	<1.00
MW-41A	MW-41A_08/11/2006	8/11/2006	<0.200	<0.200	0.500
MW-41A	MW-41A_20061003	10/3/2006	—	—	<1.00
MW-41A	MW-41A_20070112	1/12/2007	—	—	1.02
MW-41A	MW-41A_20070413	4/13/2007	—	—	<1.00
MW-41A	MW-41A_092807	9/28/2007	<2.00	<5.00	<1.00
MW-41A	MW-41A_122007	12/20/2007	<2.00	<5.00	1.00
MW-41A	MW41-032708	3/27/2008	<2.00	<5.00	<1.00
MW-41A	MW41-061608	6/16/2008	<2.00	<5.00	<1.00
MW-41A	MW-41A_093008	9/30/2008	<2.00	<5.00	<1.00
MW-41A	MW41-123108	12/31/2008	<0.200	<1.00	0.500
MW-41A	MW41A-032509	3/25/2009	<0.200	<1.00	<0.200
MW-41A	MW41A-63009	6/30/2009	<0.200	<1.00	<0.200
MW-41A	MW41A-92309	9/23/2009	<0.200	<1.00	<0.200
MW-41A	MW41A-122309	12/23/2009	<0.200	<1.00	0.800
MW-41A	092911-MW41A	9/29/2011	<0.200	<1.00	<0.0200
MW-41A	MW-41A-1/31/2019	1/31/2019	—	—	<0.00501
MW-42A	MW-42A	4/29/2004	—	—	—
MW-42A	030606-MW-42A	3/6/2006	<0.200	<0.200	<0.200
MW-42A	MW-42A_08/14/2006	8/14/2006	<0.200	<0.200	<0.200
MW-42A	093011-MW42A	9/30/2011	<0.200	<1.00	<0.0200
MW-43A	101211-MW43A	10/12/2011	<0.200	<1.00	2.00
MW-43A	MW-43A-1/31/2019	1/31/2019	—	—	0.0269
MW-44A	101311-MW44A	10/13/2011	<0.200	<1.00	0.200
MW-44A	MW-44A-1/22/2019	1/22/2019	—	—	0.284
MW-45A	092811-MW-45A	9/28/2011	<0.200	<1.00	15.0
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	0.887

Table B-15 - Volatile Organic Compounds in Groundwater

Sample Location	Sample Name	Sample Date	Volatile Organic Compounds (micrograms per liter)		
			Trichlorotrifluoroethane (CFC-113)	Vinyl acetate	Vinyl chloride
CAS			76-13-1	108-05-4	75-01-4
Preliminary Screening Level			182.86	7808.55	0.18
MW-46A	100411-MW46A	10/4/2011	<0.200	<1.00	6.00
MW-46A	MW-46A-2/1/2019	2/1/2019	—	—	3.90
MW-47A	101311-MW47A	10/13/2011	<0.200	<1.00	12.0
MW-47A	101311-MW700	10/13/2011	<0.200	<1.00	10.0J
MW-47A	MW-47A-2/1/2019	2/1/2019	—	—	1.72
MW-47B	101311-MW47B	10/13/2011	<0.200	<1.00	0.300J
MW-48A	101111-MW48A	10/11/2011	<0.200	<1.00	0.300
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	0.170
MW-48B	101111-MW48B	10/11/2011	<0.200	<1.00	<0.0200
MW-49A	101211-MW49A	10/12/2011	<0.200	<1.00	0.0400
MW-49A	101211-MW500	10/12/2011	<0.200	<1.00	0.0350
MW-49B	101211-MW49B	10/12/2011	<0.200	<1.00	0.0720
N2	N2-RGW_4202004	4/20/2004	—	—	1.13
N5	N5-RGW_3232004	3/23/2004	—	—	<0.490
N6	N6-RGW_3232004	3/23/2004	—	—	<0.490
P1	PI-RGW_4152004	4/15/2004	—	—	<0.490
P3	P3-RGW_4122004	4/12/2004	—	—	<0.490
R1	R1-RGW_422004	4/2/2004	—	—	<0.490
R3	R3-RGW_422004	4/2/2004	—	—	<0.490
R5	R5-RGW_462004	4/6/2004	—	—	<0.490
R7	R7-RGW_452004	4/5/2004	—	—	<0.490
SWS-5	SWS-5-RGW_482004	4/8/2004	—	—	0.850J
VET-B-RGW	VET-B-RGW	3/24/2004	—	—	602

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater.

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-16 - Polychlorinated Biphenyls in Unsaturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polychlorinated Biphenyl's (milligrams per kilogram)								Total Aroclors	
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262		Aroclor-1268
	CAS			12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5	37324-23-5	11100-14-4	1336-36-3
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	4.33E-05
BY-1	BY-1-0-1	2/22/2002	0'-1'	<0.0390	<0.0780	<0.0390	<0.0390	<0.0390	<0.0390	0.0860	—	—	0.0860
BY-4	BY-4-0-2	2/21/2002	0'-2'	<0.0380	<0.0760	<0.0380	<0.0380	<0.0380	0.0460	<0.0380	—	—	0.0460
BY-5	BY-5-0-1.5	2/22/2002	0'-1.5'	<0.0390	<0.0770	<0.0390	<0.0390	<0.0390	0.250	<0.0930Y	—	—	0.250
BY-6	BY-6-0-1	2/22/2002	0'-1'	<0.0370	<0.0740	<0.0370	<0.0370	<0.0370	0.0700	<0.0370	—	—	0.0700
D7	D7-0.5-2	3/19/2004	0.5'-2'	<0.0283	<0.0566	<0.0283	<0.0283	<0.0283	0.133	<0.0283	<0.0283	<0.0283	0.133
DG11-11	DG11-11-1	9/13/2011	1'-2'	<0.00390	<0.00390	<0.00390	<0.00390	<0.0390	0.100	0.0240N	—	—	0.124
DG11-11	DG11-11-2.5	9/13/2011	2'-3'	<0.0370	<0.0370	<0.0370	<0.0370	<0.370	1.60	0.370N	—	—	1.97
DG11-12	DG11-12-1	9/13/2011	1'-2'	<0.0380	<0.0380	<0.0380	<0.0380	<0.0570	<0.380	<0.0380	—	—	<0.0380
DG11-12	DG11-12-2	9/13/2011	2'-3'	0.00380R	0.00380R	0.00380R	0.00380R	0.0150R	0.0190R	0.0190R	—	—	—
E7-S2-2	E7-S2-2_20030303	3/3/2003	2'	<0.284	<0.568	<0.284	<0.284	<0.284	0.630D	<0.284	<0.284	<0.284	0.630
EH4-N-1.5	EH4-N-1.5_8162004	8/16/2004	1.5'	<0.00348	<0.0133	<0.00576	<0.00208	<0.00178	<0.00149	0.00253J	<0.00146	<0.00620	0.00253
EH4-W-1.5	EH4-W-1.5_8162004	8/16/2004	1.5'	<0.00348	<0.0133	<0.00576	<0.00208	<0.00178	<0.00149	0.00119J	<0.00146	<0.00620	0.00119
FPD-5	FPD-5-2.5-4	3/24/2004	2.5'-4'	<0.0286	<0.0572	<0.0286	<0.0286	<0.0286	<0.0286	<0.0286	<0.0286	<0.0286	<0.0572
FTF-1	FTF-1-1.5-3	4/7/2004	1.5'-3'	<0.0262	<0.0524	<0.0262	<0.0262	<0.0262	<0.0262	<0.0262	<0.0262	<0.0262	<0.0524
FTF-2	FTF-2-1.5-3	4/7/2004	1.5'-3'	<0.0266	<0.0533	<0.0266	<0.0266	<0.0266	<0.0266	<0.0266	<0.0266	<0.0266	<0.0533
MW-43	091411-MW-43-SB-3	9/14/2011	2'-3'	<0.00360	<0.00360	<0.00360	<0.00360	<0.0120	0.0760	<0.0200	—	—	0.0760
MW-44A	092811-MW-44A-SB-3	9/28/2011	2'-3'	<0.00360	<0.00360	<0.00360	<0.00360	<0.00360	<0.00360	<0.00360	—	—	<0.00360
NA-2	NA-2-1-3	2/20/2002	1'-3'	<0.0380	<0.0760	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	—	—	<0.0760
NA-3	NA-3-1-2	2/20/2002	1'-2'	<0.0370	<0.0750	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	—	—	<0.0750
NA-4	NA-4-1-3	2/20/2002	1'-3'	<0.0380	<0.0760	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	—	—	<0.0760
NA-5	NA-5-1-3	2/20/2002	1'-3'	<0.0380	<0.0770	<0.0380	<0.0380	<0.0380	0.130	<0.0480Y	—	—	0.130
SFA-E5-2.5	SFA-E5-2.5_822004	8/2/2004	2.5'	<0.00348	<0.0133	<0.00576	<0.00208	<0.00178	0.191	0.0681	<0.00146	<0.00620	0.259
WP-5	WP-5-1-2	2/26/2002	1'-2'	<0.0360	<0.0710	<0.0360	<0.0360	<0.0360	0.170	<0.0640Y	—	—	0.170
WP-6	WP-6-1-2	2/26/2002	1'-2'	<0.0380	<0.0750	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	—	—	<0.0750

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable unsaturated soil

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-17 - Polychlorinated Biphenyls in Saturated Soil

Sample Location	Sample Name	Sample Date	Sample Depth	Polychlorinated Biphenyl's (milligrams per kilogram)								Total Aroclors	
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262		Aroclor-1268
	CAS			12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5	37324-23-5	11100-14-4	1336-36-3
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	2.17E-06
SS-BOT-03	SS-BOT-03_20071102	11/2/2007	5.5'-6'	—	—	—	—	—	—	—	—	—	1.45*
SS-BOT-04	SS-BOT-04_20071102	11/2/2007	5.5'-6'	—	—	—	—	—	—	—	—	—	0.270*
SS-BOT-05	SS-BOT-05_20071126	11/26/2007	22.5'-23'	—	—	—	—	—	—	—	—	—	0.0640*
SS-BOT-06	SS-BOT-06_20071206	12/6/2007	6.5'-7'	—	—	—	—	—	—	—	—	—	0.0230*
SS-BOT-07	SS-BOT-07_20071206	12/6/2007	6.5'-7'	—	—	—	—	—	—	—	—	—	<0.002
SS-BOT-08	SS-BOT-8_20071101	12/6/2007	6.5'-7'	—	—	—	—	—	—	—	—	—	<0.002
SS-SW-01	SS-SW-01_20071031	10/31/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0880*
SS-SW-02	SS-SW-02_20071031	10/31/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0540*
SS-SW-03	SS-SW-03_20071031	10/31/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0920*
SS-SW-04	SS-SW-04_20071102	11/2/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.270*
SS-SW-05	SS-SW-05_20071102	11/2/2007	7.5'-8'	—	—	—	—	—	—	—	—	—	0.119*
SS-SW-06	SS-SW-06_20071102	11/2/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0390*
SS-SW-07	SS-SW-07_20071102	11/2/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0300*
SS-SW-08	SS-SW-08_20071102	11/2/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.138*
SS-SW-09	SS-SW-09_20071102	11/2/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0540*
SS-SW-10	SS-SW-10_20071128	11/28/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.120*
SS-SW-11	SS-SW-11_20071128	11/28/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0730*
SS-SW-12	SS-SW-12_20071206	12/6/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.160*
SS-SW-13	SS-SW-13_20071206	12/6/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.130*
SS-SW-14	SS-SW-14_20071206	12/6/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.102*
SS-SW-15	SS-SW-15_20071206	12/6/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.00900*
SS-SW-16	SS-SW-16_20071206	12/6/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	<0.002
SS-SW-17	SS-SW-17_20071206	12/6/2007	4.5'-5'	—	—	—	—	—	—	—	—	—	0.0110*
SWS-1	SWS-1-6-7	4/8/2004	6'-7'	<0.153	<0.305	<0.153	<0.153	<0.153	1.75	<0.153	<0.153	<0.153	1.75
SWS-2	SWS-2-3.5-5	4/8/2004	3.5'-5'	<0.0293	<0.0586	<0.0293	<0.0293	<0.0293	0.157	<0.0293	<0.0293	<0.0293	0.157
WEST-3	WEST-3	4/1/2004	5'	<0.0279	<0.0559	<0.0279	<0.0279	<0.0279	<0.0279	<0.0279	<0.0279	<0.0279	<0.0279

Notes:
 Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable saturated soil
 < - sample less than the indicated method detection limit
 * - Reported by laboratory as total PCB aroclors calculated by adding all detections. Detections reported by laboratory as 1254.
 Bold indicates analyte detected
 Orange indicates value is above the preliminary screening level
 D - sample diluted
 J - estimated concentration above the method detection limit but below the method reporting limit
 R - sample result rejected due to being non detect and having no surrogate recovery
 Y - estimated concentration

Table B-18 - Polychlorinated Biphenyls in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polychlorinated Biphenyl's (micrograms per liter)									
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total Aroclors
CAS				12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5	37324-23-5	11100-14-4	1336-36-3
Preliminary Screening Level				—	—	—	—	—	—	—	—	—	0.00007
MW-1A	MW-1A_03/28/2002	3/28/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-1A	030606-MW-1A	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-1A	MW-1A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-4A	MW-4A_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-6A	MW-6A_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-7A	MW-7A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-7A	030206-MW-7A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-7A	MW-7A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-8A	MW-8A_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-8A	030306-MW-8A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-8A	MW-8A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-8B	MW-8B_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-8B	030606-MW-8B	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-8B	MW-8B_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-9A	MW-9A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-9A	030306-MW-9A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-9A	MW-9A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-11A	MW-11A_03/27/2002	3/27/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-11A	030306-MW-11A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-11A	MW-11A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-12A	MW-12A_03262002	3/26/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-14A	MW-14A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-14A	MW-101A	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-14A	030306-MW-14A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-14A	MW-14A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-15A	MW-15A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-16A	MW-16A_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	0.0600	<0.0200	—	—	0.0600
MW-16A	030606-MW-102	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0500	<0.0100	—	—	0.0500
MW-16A	030606-MW-16A	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0350	<0.0100	—	—	0.0350
MW-16A	MW-105	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0250Y	0.0380	<0.0100	—	—	0.0380

Table B-18 - Polychlorinated Biphenyls in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polychlorinated Biphenyl's (micrograms per liter)									
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total Aroclors
	CAS			12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5	37324-23-5	11100-14-4	1336-36-3
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	0.00007
MW-16A	MW-16A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0200Y	0.0480	<0.0100	—	—	0.0480
MW-16A	093011-MW16A	9/30/2011	—	<0.100J	<0.100	<0.100	<0.100	<0.100	0.250	<0.100J	—	—	0.250
MW-16A	Ecology - MW-16A	3/28/2017	—	<0.01	<0.01	<0.01	<0.01	<0.01	0.024	<0.01	—	—	0.024
MW-16A	Ecology - MW-16A (filtered)	3/28/2017	—	<0.01	<0.01	<0.01	<0.01	<0.01	0.023	<0.01	—	—	0.023
MW-18A	MW-18A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-19B	MW-19B_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-22A	MW-22A_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-23A	MW-23A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-24A	MW-24A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-25A	MW-25A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-25A	030206-MW-25A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-25A	MW-25A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26A	MW-26A_03/29/2002	3/29/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-26A	022706-MW-26A	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26A	101311-MW26A	10/13/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.0100
MW-26B	MW-26B_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-26B	022706-MW-26B	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26B	022706-MW100	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26B	MW-103	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0110JB	<0.0100	—	—	0.0110UB
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26C	MW-26C_03/29/2002	3/29/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-26C	MW-103C	3/29/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-26C	022706-MW-26C	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-27A	MW-27A_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-28A	MW-28A_03/28/2002	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-28A	030306-MW-28A	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-28A	MW-104	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-28A	MW-28A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-28B	MW-28B_03/28/2002	3/28/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-28B	MW-102B	3/28/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-28B	030306-MW-101	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-28B	030306-MW-28B	3/3/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-28B	MW-28B_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-29A	MW-29A_03262002	3/26/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-29A	022706-MW-29A	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100

Table B-18 - Polychlorinated Biphenyls in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polychlorinated Biphenyl's (micrograms per liter)									
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total Aroclors
			CAS	12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5	37324-23-5	11100-14-4	1336-36-3
			Preliminary Screening Level	—	—	—	—	—	—	—	—	—	0.00007
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-29B	MW-29B_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-29B	022806-MW-29B	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-29C	MW-29C_04/02/2002	4/2/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-29C	022706-MW-29C	2/27/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0260UB	<0.0100	—	—	0.0260UB
MW-30A	MW-30A_03262002	3/26/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	0.0100J	<0.0200	—	—	0.0100J
MW-30A	022806-MW-30A	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0200	<0.0100	—	—	0.0200
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-30A	092911-MW30A	9/29/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-30A	Ecology - MW-30A	3/28/2017	—	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	<0.01
MW-30A	MW-30A-1/24/2019	1/24/2019	—	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.00600J	<0.00300	<0.00300	<0.00300	0.00600J
MW-31A	MW-31A_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-32A	MW-32A_03/27/2002	3/27/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-33A	MW-33A_03/27/2002	3/27/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-34A	MW-34A_03/28/2002	3/28/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	0.023	<0.0200	—	—	0.023
MW-35A	MW-35A_03/29/2002	3/29/2002	—	<0.0300	<0.0600	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	—	—	<0.0600
MW-35A	022806-MW-35A	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-35A	MW-35A-1/23/2019	1/23/2019	—	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00300	<0.00300	<0.00300	<0.00300
MW-35B	MW-35B_03/29/2002	3/29/2002	—	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0300
MW-35B	022806-MW-35B	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-36A	MW-36A_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-36A	022806-MW-36A	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-36A	MW-36A-1/24/2019	1/24/2019	—	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00300	<0.00300	<0.00300	<0.00300
MW-36B	MW-36B_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-36B	022806-MW-36B	2/28/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-37A	MW-37A_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-37A	092811-MW37A	9/28/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-37A	MW-37A-1/25/2019	1/25/2019	—	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00300	<0.00300	<0.00300	<0.00300
MW-37A	MW-102-1/25/2019	1/25/2019	—	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00300	<0.00300	<0.00300	<0.00300
MW-37B	MW-37B_03262002	3/26/2002	—	<0.0200	<0.0400	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	—	—	<0.0400
MW-39A	030206-MW-39A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100

Table B-18 - Polychlorinated Biphenyls in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Polychlorinated Biphenyl's (micrograms per liter)									
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total Aroclors
CAS				12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5	37324-23-5	11100-14-4	1336-36-3
Preliminary Screening Level				—	—	—	—	—	—	—	—	—	0.00007
MW-39A	MW-39A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-40B	101111-MW40B	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-40B	101111-MW300	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-41A	030206-MW-41A	3/2/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-41A	MW-41A_08/11/2006	8/11/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	—	—	<0.0100
MW-42A	030606-MW-42A	3/6/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.230	<0.0100	—	—	0.230
MW-42A	MW-42A_08/14/2006	8/14/2006	—	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0840	<0.0200Y	—	—	0.0840
MW-42A	093011-MW42A	9/30/2011	—	<0.100J	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100J	—	—	<0.100J
MW-42A	Ecology - MW-42A	3/28/2017	—	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	<0.01
MW-43A	101211-MW43A	10/12/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-44A	101311-MW44A	10/13/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-44A	MW-44A-1/22/2019	1/22/2019	—	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00300	<0.00300	<0.00300	<0.00300
MW-45A	092811-MW-45A	9/28/2011	—	<0.100J	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100J	—	—	<0.100J
MW-46A	100411-MW46A	10/4/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-47A	101311-MW47A	10/13/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-47A	101311-MW700	10/13/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-47B	101311-MW47B	10/13/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-48A	101111-MW48A	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-48B	101111-MW48B	10/11/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-49A	101211-MW49A	10/12/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-49A	101211-MW500	10/12/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100
MW-49B	101211-MW49B	10/12/2011	—	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	—	—	<0.100

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater

< - sample less than the indicated method detection limit

Bold indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

B - equipment blank contained chemical at greater concentration than that detected

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-19 - Pesticides and Herbicides in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Pesticides and Herbicides (micrograms per liter)							
				4,4'-DDT	Aldrin	alpha-BHC	cis-Chlordane	Dieldrin	gamma-BHC (Lindane)	Heptachlor	trans-Chlordane
			CAS	50-29-3	309-00-2	319-84-6	5103-71-9	60-57-1	58-89-9	76-44-8	5103-74-2
			Preliminary Screening Level	0.0000012	0.000000041	0.000048	0.0001	0.0000012	0.13	0.00000034	0.0001
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26A	022706-MW-26A	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	022706-MW100	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	022706-MW-26B	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	MW-103	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26C	022706-MW-26C	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29A	022706-MW-29A	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29B	022806-MW-29B	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29C	022706-MW-29C	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-30A	022806-MW-30A	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35A	022806-MW-35A	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35B	022806-MW-35B	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36A	022806-MW-36A	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36B	022806-MW-36B	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater

< - sample less than the indicated method detection limit

Blue indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-20 - Pesticides and Herbicides in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Pesticides and Herbicides (micrograms per liter)							
				4,4'-DDT	Aldrin	alpha-BHC	cis-Chlordane	Dieldrin	gamma-BHC (Lindane)	Heptachlor	trans-Chlordane
			CAS	50-29-3	309-00-2	319-84-6	5103-71-9	60-57-1	58-89-9	76-44-8	5103-74-2
			Preliminary Screening Level	0.0000012	0.000000041	0.000048	0.0001	0.0000012	0.13	0.00000034	0.0001
MW-26A	MW-26A_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26A	022706-MW-26A	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	022706-MW100	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	022706-MW-26B	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	MW-103	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26B	MW-26B_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26C	022706-MW-26C	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-26C	MW-26C_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29A	022706-MW-29A	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29A	MW-29A_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29B	022806-MW-29B	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29B	MW-29B_08/10/2006	8/10/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29C	022706-MW-29C	2/27/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-29C	MW-29C_08/07/2006	8/7/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-30A	022806-MW-30A	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-30A	MW-30A_08/10/2006	8/10/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35A	022806-MW-35A	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35A	MW-35A_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35B	022806-MW-35B	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-35B	MW-35B_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36A	022806-MW-36A	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36A	MW-36A_08/10/2006	8/10/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36B	022806-MW-36B	2/28/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500
MW-36B	MW-36B_08/08/2006	8/8/2006	—	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500

Notes:

Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater

< - sample less than the indicated method detection limit

Blue indicates analyte detected

Orange indicates value is above the preliminary screening level

Blue indicates method reporting limit greater than screening level

D - sample diluted

J - estimated concentration above the method detection limit but below the method reporting limit

R - sample result rejected due to being non detect and having no surrogate recovery

Y - estimated concentration

Table B-21 - Natural Attenuation in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Natural Attenuation (micrograms per liter)										
				Alkalinity	Ammonia as N	Bicarbonate	Calcium	Carbonate	Chloride	Conductivity	Ferrous	Hardness	Dissolved Manganese	Nitrate
	CAS			Alkalinity	7664-41-7	71-52-3	7440-70-2	3812-32-6	16887-00-6	Conductivity	FE2+	GIS-210-003	7440-47-3	Nitrate
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	100	—
MW-1A	MW-1A_03/27/2000	3/27/2000	—	170	0.0160	170	—	<1.00	—	520	0.0490	—	—	7.70
MW-1A	MW-1A_03/28/2002	3/28/2002	—	—	—	—	57.6	—	—	—	—	200	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	—	—	—	45.6	—	—	—	—	220	—	—
MW-7A	030206-MW-7A	3/2/2006	—	236	—	—	—	—	11.9	477	23.6	—	—	<0.100
MW-7A	MW-7A_08/10/2006	8/10/2006	—	272	—	—	—	—	10.0	584	21.1	—	—	<0.100
MW-8A	030306-MW-8A	3/3/2006	—	100	—	—	—	—	4.90	385	0.127	—	—	0.200
MW-8A	MW-8A_08/14/2006	8/14/2006	—	216	—	—	—	—	5.40	437	2.72	—	—	<0.100
MW-8A	100311-MW8A	10/3/2011	—	148	4.17	148	—	ND	2.40	—	9.42	—	—	0.100
MW-9A	MW-9A_03/27/2002	3/27/2002	—	—	—	—	43.6	—	—	—	—	150	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—	150	0.120	150	—	<1.00	—	580	<0.0400	—	—	19.0
MW-14A	MW-14A_03/27/2002	3/27/2002	—	—	—	—	64.9	—	—	—	—	300	—	—
MW-14A	MW-101A	3/27/2002	—	—	—	—	67.2	—	—	—	—	310	—	—
MW-14A	030306-MW-14A	3/3/2006	—	313	—	—	—	—	16.5	772	<0.0400	—	—	11.4
MW-14A	MW-14A_08/11/2006	8/11/2006	—	181	—	—	—	—	15.4	606	<0.0400	—	—	18.4
MW-25A	MW-25A_03/27/2000	3/27/2000	—	240	1.40	240	—	<1.00	—	440	22.0	—	—	<0.0100
MW-26A	MW-26A_03/27/2000	3/27/2000	—	200	0.240	200	—	<1.00	—	430	15.0	—	—	<0.0100
MW-26A	MW-26A_03/29/2002	3/29/2002	—	—	—	—	25.6	—	—	—	—	130	—	—
MW-26A	ALT-26A	2/27/2006	—	68.2	—	—	—	—	—	215	1.51	—	—	—
MW-26A	AHT-26A	2/27/2006	—	65.9	—	—	—	—	—	213	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	59.1	—	—	—	—	19.7	317	1.81	—	—	<0.100
MW-26B	ALT-26B	2/27/2006	—	710	—	—	—	—	—	7390	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	721	—	—	—	—	—	8220	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	—	—	—	13.2	—	—	—	—	150	—	—
MW-26C	MW-103C	3/29/2002	—	—	—	—	13.7	—	—	—	—	150	—	—
MW-26C	ALT-DUP	2/27/2006	—	517	—	—	—	—	—	4790	—	—	—	—
MW-26C	ALT-26C	2/27/2006	—	515	—	—	—	—	—	4830	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	519	—	—	—	—	—	4790	—	—	—	—
MW-27A	MW-27A_03/27/2000	3/27/2000	—	220	7.10	220	—	<1.00	—	460	14.0	—	—	0.0580
MW-28A	MW-28A_03/27/2000	3/27/2000	—	160	0.380	160	—	<1.00	—	360	11.0	—	—	<0.0100
MW-28A	MW-28A_03/28/2002	3/28/2002	—	—	—	—	22.9	—	—	—	—	100	—	—
MW-28A	030306-MW-28A	3/3/2006	—	169	—	—	—	—	23.3	440	13.9	—	—	0.100
MW-28A	MW-104	8/11/2006	—	135	—	—	—	—	7.60	312	12.5	—	—	<0.100
MW-28A	MW-28A_08/11/2006	8/11/2006	—	133	—	—	—	—	7.80	313	11.7	—	—	<0.100
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	—	—	—	—	4.09	—	17.8	—	—	<0.100
MW-28B	MW-28B_03/28/2002	3/28/2002	—	—	—	—	28.3	—	—	—	—	160	—	—
MW-28B	MW-102B	3/28/2002	—	—	—	—	28.2	—	—	—	—	160	—	—

Table B-21 - Natural Attenuation in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Natural Attenuation (micrograms per liter)										
				Alkalinity	Ammonia as N	Bicarbonate	Calcium	Carbonate	Chloride	Conductivity	Ferrous	Hardness	Dissolved Manganese	Nitrate
	CAS			Alkalinity	7664-41-7	71-52-3	7440-70-2	3812-32-6	16887-00-6	Conductivity	FE2+	GIS-210-003	7440-47-3	Nitrate
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	100	—
MW-28B	030306-MW-101	3/3/2006	—	167	—	—	—	—	22.9	447	16.1	—	—	<0.100
MW-29A	MW-29A_03/27/2000	3/27/2000	—	280	0.170	280	—	<1.00	—	690	8.90	—	—	<0.0100
MW-29A	MW-29A_03262002	3/26/2002	—	—	—	—	37.8	—	—	—	—	160	—	—
MW-29A	022706-MW-29A	2/27/2006	—	79.3	—	—	—	—	16.2	326	5.25	—	—	<0.100
MW-29A	MW-29A_08/08/2006	8/8/2006	—	35.0	—	—	—	—	38.3	353	6.00	—	—	<0.100
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	—	—	—	—	3.59	—	6.72	—	—	<0.100
MW-30A	MW-30A_03/27/2000	3/27/2000	—	470	1.60	470	—	<1.00	—	3100	4.60	—	—	<0.0100
MW-30A	MW-30A_03262002	3/26/2002	—	—	—	—	23.7	—	—	—	—	200	—	—
MW-30A	AHT-DUP	2/28/2006	—	436	—	—	—	—	—	3300	—	—	—	—
MW-30A	ALT-MW-30A	2/28/2006	—	454	—	—	—	—	—	3390	—	—	—	—
MW-30A	AHT-MM-30A	2/28/2006	—	446	—	—	—	—	—	3330	—	—	—	—
MW-31A	MW-31A_03262002	3/26/2002	—	—	—	—	—	—	25.0	—	—	—	908	—
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	—	—	—	—	2.24	—	<0.0400	—	—	1.65
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	—	—	—	—	2.25	—	<0.0400	—	—	1.66
MW-35A	022806-MW-35A	2/28/2006	—	41.9	—	—	—	—	8.80	251	2.48	—	—	<0.100
MW-35A	MW-35A_08/08/2006	8/8/2006	—	37.0	—	—	—	—	4.50	154	0.848	—	—	<0.100
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	—	—	—	—	5.62	—	6.40	—	—	1.31
MW-39A	030206-MW-39A	3/2/2006	—	186	—	—	—	—	11.8	444	0.108	—	—	1.40
MW-39A	MW-39A_08/11/2006	8/11/2006	—	207	—	—	—	—	48.0	580	0.110	—	903	0.800
MW-40A	101111-MW40A	10/11/2011	—	115	0.296	115	—	ND	1.70	—	6.70	—	—	0.100
MW-40B	101111-MW40B	10/11/2011	—	325	2.87	325	—	ND	98.1	—	18.9	—	—	ND
MW-43A	101211-MW43A	10/12/2011	—	88.6	0.0410	88.6	—	ND	1770	—	0.0580	—	—	0.100
MW-44A	101311-MW44A	10/13/2011	—	136	1.56	136	—	ND	46.1	—	8.70	—	—	ND
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	—	—	—	—	3.21	—	1.44	—	—	0.328
MW-47A	101311-MW47A	10/13/2011	—	194	0.897	194	—	ND	10.6	—	14.2	—	—	ND
MW-47B	101311-MW47B	10/13/2011	—	286	5.65	286	—	ND	47.9	—	13.4	—	—	ND
MW-48A	101111-MW48A	10/11/2011	—	232	0.379	232	—	ND	11.2	—	5.20	—	—	3.50
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	—	—	—	—	8.69	—	21.8	—	—	0.714
MW-48B	101111-MW48B	10/11/2011	—	540	7.76	540	—	ND	231	—	16.2	—	—	0.500
MW-49A	101211-MW49A	10/12/2011	—	326	5.51	326	—	ND	11.3	—	17.9	—	—	0.100
MW-49B	101211-MW49B	10/12/2011	—	347	5.20	347	—	ND	438	—	24.2	—	—	0.100

Table B-21 - Natural Attenuation in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Natural Attenuation (micrograms per liter)									
				Nitrate + Nitrite	Nitrite	Ortho-Phosphorous	pH	Sodium	Soluble Sulfide	Sulfate	Sulfide	Total Dissolved Solids	Total Organic Carbon
				CAS NO3NO2N	14797-65-0	ORTHO PHOS	pH	7440-23-5	DS	14808-79-8	18496-25-8	TDS	TOC
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	—
MW-1A	MW-1A_03/27/2000	3/27/2000	—	7.70	0.0110	—	6.71	34.7	<0.0500	55.0	—	340	5.50
MW-1A	MW-1A_03/28/2002	3/28/2002	—	—	—	—	—	—	—	—	—	—	—
MW-7A	MW-7A_03/27/2002	3/27/2002	—	—	—	—	—	—	—	—	—	—	—
MW-7A	030206-MW-7A	3/2/2006	—	—	<0.100	—	—	—	—	0.900	<0.0500	—	12.0
MW-7A	MW-7A_08/10/2006	8/10/2006	—	—	<0.100	—	—	—	—	<0.100	<0.0500	—	10.9
MW-8A	030306-MW-8A	3/3/2006	—	—	<0.100	—	—	—	—	26.7	<0.0500	—	5.46
MW-8A	MW-8A_08/14/2006	8/14/2006	—	—	<0.100	—	—	—	—	9.20	<0.0500	—	7.40
MW-8A	100311-MW8A	10/3/2011	—	—	—	ND	—	—	—	2.50	<0.0500	—	6.94
MW-9A	MW-9A_03/27/2002	3/27/2002	—	—	—	—	—	—	—	—	—	—	—
MW-14A	MW-14A_03/27/2000	3/27/2000	—	19.0	0.0210	—	6.33	64.5	<0.0500	44.0	—	400	2.10
MW-14A	MW-14A_03/27/2002	3/27/2002	—	—	—	—	—	—	—	—	—	—	—
MW-14A	MW-101A	3/27/2002	—	—	—	—	—	—	—	—	—	—	—
MW-14A	030306-MW-14A	3/3/2006	—	—	<0.100	—	—	—	—	28.7	<0.0500	—	14.6
MW-14A	MW-14A_08/11/2006	8/11/2006	—	—	<0.100	—	—	—	—	40.1	<0.0500	—	4.76
MW-25A	MW-25A_03/27/2000	3/27/2000	—	0.0110	0.0100	—	6.65	53.4	<0.0500	12.0	—	320	25.0
MW-26A	MW-26A_03/27/2000	3/27/2000	—	0.0300	0.0220	—	6.59	37.2	<0.0500	24.0	—	310	10.0
MW-26A	MW-26A_03/29/2002	3/29/2002	—	—	—	—	—	—	—	—	—	—	—
MW-26A	ALT-26A	2/27/2006	—	—	—	—	6.68	—	—	—	<0.0500	—	6.46
MW-26A	AHT-26A	2/27/2006	—	—	—	—	6.58	—	—	—	—	—	—
MW-26A	MW-26A_08/07/2006	8/7/2006	—	—	<0.100	—	—	—	—	56.0	<0.0500	—	6.90
MW-26B	ALT-26B	2/27/2006	—	—	—	—	7.23	—	—	—	—	—	—
MW-26B	AHT-26B	2/27/2006	—	—	—	—	7.27	—	—	—	—	—	—
MW-26C	MW-26C_03/29/2002	3/29/2002	—	—	—	—	—	—	—	—	—	—	—
MW-26C	MW-103C	3/29/2002	—	—	—	—	—	—	—	—	—	—	—
MW-26C	ALT-DUP	2/27/2006	—	—	—	—	7.42	—	—	—	—	—	—
MW-26C	ALT-26C	2/27/2006	—	—	—	—	7.40	—	—	—	—	—	—
MW-26C	AHT-26C	2/27/2006	—	—	—	—	7.46	—	—	—	—	—	—
MW-27A	MW-27A_03/27/2000	3/27/2000	—	0.0730	0.0150	—	6.67	65.6	<0.0500	20.0	—	320	11.0
MW-28A	MW-28A_03/27/2000	3/27/2000	—	0.0210	0.0180	—	6.62	41.4	<0.0500	26.0	—	260	4.40
MW-28A	MW-28A_03/28/2002	3/28/2002	—	—	—	—	—	—	—	—	—	—	—
MW-28A	030306-MW-28A	3/3/2006	—	—	<0.100	—	—	—	—	21.0	<0.0500	—	4.72
MW-28A	MW-104	8/11/2006	—	—	<0.100	—	—	—	—	13.7	<0.0500	—	4.65
MW-28A	MW-28A_08/11/2006	8/11/2006	—	—	<0.100	—	—	—	—	13.9	<0.0500	—	5.03
MW-28A	MW-28A-1/29/2019	1/29/2019	—	—	<0.100	—	—	—	—	12.3	<0.0500	—	—
MW-28B	MW-28B_03/28/2002	3/28/2002	—	—	—	—	—	—	—	—	—	—	—
MW-28B	MW-102B	3/28/2002	—	—	—	—	—	—	—	—	—	—	—

Table B-21 - Natural Attenuation in Groundwater

Sample Location	Sample Name	Sample Date	Sample Depth	Natural Attenuation (micrograms per liter)										
				Nitrate + Nitrite	Nitrite	Ortho-Phosphorous	pH	Sodium	Soluble Sulfide	Sulfate	Sulfide	Total Dissolved Solids	Total Organic Carbon	
				CAS NO3NO2N	14797-65-0	ORTHO PHOS	pH	7440-23-5	DS	14808-79-8	18496-25-8	TDS	TOC	
	Preliminary Screening Level			—	—	—	—	—	—	—	—	—	—	
MW-28B	030306-MW-101	3/3/2006	—	—	<0.100	—	—	—	—	—	25.0	<0.0500	—	5.28
MW-29A	MW-29A_03/27/2000	3/27/2000	—	0.0210	0.0120	—	6.54	61.7	<0.0500	24.0	—	450	14.0	
MW-29A	MW-29A_03262002	3/26/2002	—	—	—	—	—	—	—	—	—	—	—	
MW-29A	022706-MW-29A	2/27/2006	—	—	<0.100	—	6.66	—	—	47.3	<0.0500	—	7.91	
MW-29A	MW-29A_08/08/2006	8/8/2006	—	—	<0.100	—	—	—	—	53.9	<0.0500	—	7.60	
MW-29A	MW-29A-1/31/2019	1/31/2019	—	—	<0.100	—	—	—	—	10.8	<0.0500	—	—	
MW-30A	MW-30A_03/27/2000	3/27/2000	—	<0.0100	<0.0100	—	6.91	556	<0.0500	47.0	—	1800	21.0	
MW-30A	MW-30A_03262002	3/26/2002	—	—	—	—	—	—	—	—	—	—	—	
MW-30A	AHT-DUP	2/28/2006	—	—	—	—	7.11	—	—	—	—	—	—	
MW-30A	ALT-MW-30A	2/28/2006	—	—	—	—	7.14	—	—	—	—	—	—	
MW-30A	AHT-MM-30A	2/28/2006	—	—	—	—	7.08	—	—	—	—	—	—	
MW-31A	MW-31A_03262002	3/26/2002	—	—	—	—	—	—	—	—	—	—	—	
MW-34A	MW-34A-1/30/2019	1/30/2019	—	—	<0.100	—	—	—	—	17.6	<0.0500	—	—	
MW-34A	MW-101-1/30/2019	1/30/2019	—	—	<0.100	—	—	—	—	17.6	<0.0500	—	—	
MW-35A	022806-MW-35A	2/28/2006	—	—	<0.100	—	—	—	—	57.0	<0.0500	—	3.52	
MW-35A	MW-35A_08/08/2006	8/8/2006	—	—	<0.100	—	—	—	—	24.2	<0.0500	—	2.82	
MW-35A	MW-35A-1/23/2019	1/23/2019	—	—	<0.100	—	—	—	—	0.392	<0.0500	—	—	
MW-39A	030206-MW-39A	3/2/2006	—	—	<0.100	—	—	—	—	22.3	<0.0500	—	11.0	
MW-39A	MW-39A_08/11/2006	8/11/2006	—	—	<0.100	—	—	—	—	11.7	<0.0500	—	14.1	
MW-40A	101111-MW40A	10/11/2011	—	—	—	0.300	—	—	—	2.10	<0.0500	—	6.28	
MW-40B	101111-MW40B	10/11/2011	—	—	—	0.200	—	—	—	2.40	<0.0500	—	18.1	
MW-43A	101211-MW43A	10/12/2011	—	—	—	ND	—	—	—	222	<0.0500	—	1.97	
MW-44A	101311-MW44A	10/13/2011	—	—	—	ND	—	—	—	9.20	<0.0500	—	11.2	
MW-45A	MW-45A-1/29/2019	1/29/2019	—	—	<0.100	—	—	—	—	8.35	<0.0500	—	—	
MW-47A	101311-MW47A	10/13/2011	—	—	—	ND	—	—	—	90.8	<0.0500	—	5.43	
MW-47B	101311-MW47B	10/13/2011	—	—	—	ND	—	—	—	1.10	<0.0500	—	13.2	
MW-48A	101111-MW48A	10/11/2011	—	—	—	ND	—	—	—	24.5	<0.0500	—	13.0	
MW-48A	MW-48A-2/1/2019	2/1/2019	—	—	<0.100	—	—	—	—	6.49	<0.0500	—	—	
MW-48B	101111-MW48B	10/11/2011	—	—	—	1.10	—	—	—	0.200	<0.0500	—	25.7	
MW-49A	101211-MW49A	10/12/2011	—	—	—	0.200	—	—	—	0.500	<0.0500	—	15.6	
MW-49B	101211-MW49B	10/12/2011	—	—	—	0.400	—	—	—	0.400	<0.0500	—	20.4	

Notes:
 Preliminary screening level is taken from the Washington State Department of Ecology, 2017 workbook for the Lower Duwamish Waterway based on non-potable groundwater
 < - sample less than the indicated method detection limit
 Bold indicates analyte detected
 Orange indicates value is above the preliminary screening level
 Blue indicates method reporting limit greater than screening level
 D - sample diluted
 J - estimated concentration above the method detection limit but below the method reporting limit
 R - sample result rejected due to being non detect and having no surrogate recovery
 Y - estimated concentration

Table B-22 - Stormwater Solids

Location Sample ID Sample Date Depth Interval	LDW Sediment Remediation Levels SOS*	IAAI Samples				Collected on 5/21/2010					Collected on 5/24/2010				Collected on 8/19/2010				Collected on 3/22/2011		
		Drummed- SED1	Drummed-SED2	Rolloff-SOIL1	Rolloff-SOIL2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03	IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13	
		Stormwater Solids 2/10/2012	Stormwater Solids 2/10/2012	Soil Samples 2/17/2012	Soil Samples 2/17/2012	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building	North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor	
%Moisture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total solids	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Organic Carbon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Ammonia (mg/kg as N)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Organic Carbon - Average	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Organic Carbon - High	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Organic Carbon - Low	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Total Sulfide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Gravel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sand, Very Coarse	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sand, Coarse	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sand, Medium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sand, Fine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Sand, Very Fine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silt, Coarse	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silt, Medium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silt, Fine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Silt, Very Fine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fines	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Antimony	--	--	--	--	--	--	--	--	--	40 UJ	--	--	--	--	--	--	--	--	--	--	
Arsenic	57	114	20	7	5 U	8	10 UJ	9 UJ	10 J	10 J	20 UJ	12	10 U	10 U	7 U	20 U	10 U	10 U	9	10 U	10
Barium	--	--	152	75.2	31.1	49.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	0.7 U	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.1	10.2	5.5	2.3	0.3	0.4	10.8	1.4	31	9.2	11.7	8	12.6	4.2	0.9	26.3	10	11.4	11.2	4.6	12.7
Chromium	260	520	83	48.3	25	16.7	168 J	66.4 J	193 J	192 J	152 J	108	92	84	36.8	242 J	189 J	204 J	148 J	62	137
Copper	390	780	126	192	24.9	34.7	679 J	141 J	1,040 J	310 J	410 J	335	254	139	76.3	369	1,050	371	252	264	1,210
Lead	450	900	226	85	3	6	1,160 J	858 J	632 J	677 J	705 J	740	454	380	91	960	799	1,050	623	430	1,080
Mercury	0.41	0.82	0.08	0.03	0.02 U	0.05	0.06 J	0.08 J	0.61 J	0.32 J	1.76 J	0.2	0.19	0.11	0.06	0.12	0.08	0.18	0.11	0.05 U	0.11
Nickel	--	--	46	51	24	10	--	--	--	--	--	60	--	--	--	--	--	--	--	--	--
Selenium	--	--	10 U	6 U	5 U	6 U	--	--	--	--	--	4 U	--	--	--	--	--	--	--	--	--
Silver	6.1	12.2	0.7 U	0.4 U	0.3 U	0.4 U	0.7 UJ	0.5 UJ	0.7 UJ	1.5 J	3 J	2 U	0.7 U	0.7 U	0.4 U	0.9 U	0.8 U	0.8 U	0.5	14	2.1
Thallium	--	--	--	--	--	--	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--
Zinc	410	820	494	211	34	54	2,220	514	2,570	1,370	3,360	1,820	2,230	1,150	214	2,400	1,640	2,110	1,170	1,100	2,290
Butyltins (ug/kg dw)																					
Monobutyltin as ion												220									
Dibutyltin as ion												1,400									
Tributyltin as ion												160									
Arsenic	5 [#]																				
Barium	100 [#]																				
Cadmium	1 [#]																				
Chromium	5 [#]																				
Lead	5 [#]																				
Mercury	0.2 [#]																				
Selenium	1 [#]																				
Silver	5 [#]																				
4,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlordane (tech)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
delta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan II	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table B-22 - Stormwater Solids

Location Sample ID Sample Date Depth Interval	LDW Sediment Remediation Levels SOS*	IAAI Samples				Collected on 5/21/2010					Collected on 5/24/2010				Collected on 8/19/2010				Collected on 3/22/2011		
		Drummed- SED1	Drummed-SED2	Rolloff-SOIL1	Rolloff-SOIL2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03	IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13	
		Stormwater Solids 2/10/2012	Stormwater Solids 2/10/2012	Soil Samples 2/17/2012	Soil Samples 2/17/2012	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building	North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor	
Endrin	--	--	--	--																	
Endrin aldehyde	--	--	--	--																	
Endrin ketone	--	--	--	--																	
gamma-BHC (Lindane)	--	--	--	--																	
gamma-Chlordane	--	--	--	--																	
Heptachlor	--	--	--	--																	
Heptachlor epoxide	--	--	--	--																	
Methoxychlor	--	--	--	--																	
Toxaphene	--	--	--	--																	
Aroclor 1016	--	--	<20 U	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor 1221	--	--	<20 U	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor 1232	--	--	<20 U	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor 1242	--	--	<20 U	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor 1248	--	--	<50 Y	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	340 U	130 U	240 U	62 U	20 U	130 U	78 U	120 U	95 U	24 U	48
Aroclor 1254	--	--	200	25	<18 U	<19 U	39	88	240	650	710	430	940	160	45	360	220	350	310	62	69
Aroclor 1260	--	--	<79 Y	<19 U	<18 U	<19 U	23	65 U	150	260	390 U	84 U	250	100 U	20 U	170	88	150	160	47	27
Aroclor 1262	--	--	<20 U	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U	65 U	26 U	62 U	54 U	20 U	20 U
Aroclor 1268	--	--	<20 U	<19 U	<18 U	<19 U	20 U	32 U	110 U	160 U	98 U	84 U	47 U	41 U	20 U	65 U	26 U	62 U	54 U	20 U	20 U
Total PCBs	130	2	200	25	<18 U	<19 U	62	88	390	910	710	430	1,190	160	45	530	310	500	470	109	144
1,1,1,2-Tetrachloroethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,1,1-Trichloroethane	--	--	0.0017 J	<0.0011 U	<0.013 U	<0.0016 U															
1,1,2,2-Tetrachloroethane	--	--	<0.0023 U	<0.0011 U	<0.013 U	<0.0016 U															
1,1,2-Trichloroethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,1-Dichloroethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,1-Dichloroethene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,1-Dichloropropene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,2,3-Trichlorobenzene	--	--	<0.011 U	<0.0053 U	<0.0067 U	<0.008 U															
1,2,3-Trichloropropane	--	--	<0.0045 U	<0.0021 U	<0.0027 U	<0.0032 U															
1,2,4-Trichlorobenzene	0.031	2.8	<0.011 U	<0.0053 U	<0.0067 U	<0.008 U								0.061 U	0.018 U	0.025 U	0.028 U	0.072 U	0.072 U		
1,2,4-Trimethylbenzene	--	--	0.072	0.18	0.0015	<0.0016 U															
1,2-Dibromo-3-chloropropane	--	--	<0.011 U	<0.0053 U	<0.0067 U	<0.008 U															
1,2-Dibromoethane (EDB)	--	--	--	--	--	--															
1,2-Dichlorobenzene	0.035	0.8	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,2-Dichloroethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,2-Dichloropropane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,3,5-Trimethylbenzene	--	--	0.026	0.048	<0.0013 U	<0.0016 U															
1,3-Dichlorobenzene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,3-Dichloropropane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
1,4-Dichlorobenzene	0.11	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
2,2-Dichloropropane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
2-Butanone	--	--	0.019 M	0.030 M	0.013	<0.008 U															
2-Chlorotoluene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
2-Hexanone	--	--	<0.011 U	<0.0053 U	<0.0067 U	<0.008 U															
4-Chlorotoluene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
4-Methyl-2-pentanone	--	--	<0.011 U	<0.0053 U	<0.0067 U	<0.008 U															
Acetone	--	--	0.097 B	0.048 B	0.077 B	0.033 B															
Benzene	--	--	<0.0023 U	<0.0011 U	0.0013 J	<0.0016 U															
Bromobenzene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Bromochloromethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Bromodichloromethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Bromoform	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Bromomethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Carbon disulfide	--	--	0.0039	0.0022	0.0032 Q	<0.0016 U															
Carbon tetrachloride	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Chlorobenzene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Chloroethane	--	--	0.0033	0.0028	<0.0013 U	<0.0016 U															
Chloroform	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Chloromethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
cis-1,2-Dichloroethene	--	--	<0.0023 U	0.0007 J	<0.0013 U	<0.0016 U															
cis-1,3-Dichloropropene	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Dibromochloromethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Dibromomethane	--	--	<0.0023 U	<0.0011 U	<0.0013 U	<0.0016 U															
Ethylbenzene	--	--	0.0047	0.022	<0.0013 U	<0.0016 U															

Table B-22 - Stormwater Solids

Location	Sample ID		IAAI Samples				Collected on 5/21/2010					Collected on 5/24/2010				Collected on 8/19/2010				Collected on 3/22/2011	
			Drummed- SED1	Drummed-SED2	Rolloff-SOIL1	Rolloff-SOIL2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03	IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13
			Stormwater Solids 2/10/2012	Stormwater Solids 2/10/2012	Soil Samples 2/17/2012	Soil Samples 2/17/2012	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building	North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor
Hexachlorobutadiene	0.011	--	< 0.011 U	< 0.0053 U	< 0.0067 U	< 0.008 U															
4-Isopropyltoluene	--	--	0.0038	0.0026	< 0.0013 U	--															
Isopropylbenzene	--	--	0.0021 J	0.059	< 0.0013 U	< 0.0016 U															
Methylene chloride	--	--	0.0063 B	0.0039 B	0.0031 B	0.0045 B															
n-Butylbenzene	--	--	0.0038	0.028	< 0.0013 U	< 0.0016 U															
n-Propylbenzene	--	--	0.011	0.029	< 0.0013 U	< 0.0016 U															
Naphthalene	2.1	3.5	< 0.011 U	< 0.0053 U	0.0027 J	< 0.008 U															
sec-Butylbenzene	--	--	0.0044	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Styrene	--	--	0.0012 J	< 0.0011 U	< 0.0013 U	< 0.0016 U															
tert-Butylbenzene	--	--	< 0.0023 U	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Tetrachloroethene	--	--	--	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Toluene	--	--	0.036	0.19	0.0017	0.0014 J															
m,p-Xylene			0.017	0.078	0.0008 J	< 0.0016 U															
o-Xylene			0.0045	0.017	< 0.0013 U	< 0.0016 U															
trans-1,2-Dichloroethene	--	--	< 0.0023 U	< 0.0011 U	< 0.0013 U	< 0.0016 U															
trans-1,3-Dichloropropene	--	--	< 0.0023 U	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Trichloroethene	--	--	< 0.0023 U	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Trichlorofluoromethane	--	--	0.0014 J	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Vinyl chloride	--	--	< 0.0023 U	< 0.0011 U	< 0.0013 U	< 0.0016 U															
Diesel Range Hydrocarbons	--	--	--	--	--	--															
Lube Oil Range Hydrocarbons	--	--	--	--	--	--															
Aniline	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	1,900 U	1,900 U
Bis(2-chloroethoxy)methane	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
Bis(2-chloroethyl)ether	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
Bis(2-chloroisopropyl)ether	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
Bis(2-Ethylhexyl)phthalate	1,300	1,645	--	--	--	--	7,400	17,000	20,000	11,000	2,500	37,000	10,000	17,000	1,200	35,000	5,800	14,000	8,000	8,200	16,000
4-Bromophenyl phenyl ether	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
Butylbenzylphthalate	63	1715	--	--	--	--	1,200	3,300	20,000	5,200	380	1,200	1,600	1,600	97	3,100	2,500	3,400	3,400	7,000	2,500
Carbazole	--	--	--	--	--	--	520 U	680	660	570	480	1,200	820	5,500	160	610 U	97 J	370	340	290 U	230 J
4-Chloroaniline	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4-Chlorophenyl phenyl ether	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
1,2-Dichlorobenzene	35	805	--	--	--	--	50 U	22 U	48 U	12 U	13	110 U	18 U	19 U	5.9 U	61 U	18 U	25 U	28 U	72 U	72 U
1,3-Dichlorobenzene	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
1,4-Dichlorobenzene	110	109	--	--	--	--	50 U	22 U	48 U	21	14	110 U	18 U	19 U	5.9 U	61 U	18 U	25 U	28 U	72 U	72
3,3'-Dichlorobenzidine	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Diethylphthalate	200	--	--	--	--	--	120 U	54 U	120 U	31 U	21 U	280 U	46 U	48 U	15 U	150 U	46 U	63 U	71 U	110	78 U
Dimethylphthalate	71	--	--	--	--	--	1,100	190	580	4,700	160	500	220 J	250	21	1,300	740	590	300	240	880
Di-n-butylphthalate	1,400	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
2,4-Dinitrotoluene	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,6-Dinitrotoluene	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Di-n-octylphthalate	6,200	--	--	--	--	--	490 J	4,100	1,000	620	160	3,500	680	1,000	63	610 U	150 U	250 U	300 U	820	610
Hexachlorobenzene	22	13.3	--	--	--	--	50 U	22 U	48 U	12 U	6.1 U	110 U	18 U	19 U	5.9 U	61 U	18 U	25 U	28 U	72 U	72 U
Hexachlorobutadiene	11	--	--	--	--	--	50 U	22 U	48 U	12 U	6.1 U	110 U	18 U	19 U	5.9 U	61 U	18 U	25 U	28 U	72 U	72 U
Hexachlorocyclopentadiene	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Hexachloroethane	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
Isophorone	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
N-Nitrosodimethylamine	--	--	--	--	--	--	250 U	110 U	240 U	62 U	30 U	560 U	92 U	97 U	30 U	310 U	92 U	130 U	140 U	360 U	360 U
n-Nitrosodiphenylamine	28	385	--	--	--	--	60 U	22 U	48 U	12 U	15 U	160 U	18 U	19 U	5.9 U	61 U	26 U	63 U	28 U	120	130
N-Nitrosodi-n-propylamine	--	--	--	--	--	--	250 U	110 U	240 U	62 U	30 U	560 U	92 U	97 U	30 U	310 U	92 U	130 U	140 U	72 U	72 U
2-Nitroaniline	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
3-Nitroaniline	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4-Nitroaniline	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
4,6-Dinitro-o-cresol	--	--	--	--	--	--	5,200 U	4,100 U	6,600 U	1,300 U	960 U	11,000 U	2,400 U	3,800 U	390 U	6,100 U	1,500 U	2,500 U	3,000 U	2,900 U	2,900 U
Nitrobenzene	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
1,2,4-Trichlorobenzene	31	28.3	--	--	--	--	50 U	22 U	48 U	12 U	15	110 U	18 U	19 U	5.9 U						
Phenol	420	840	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	790	560
2-Chlorophenol	--	--	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	290 U	290 U
4-Chloro-3-methylphenol	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,4-Dichlorophenol	--	--	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,4-Dimethylphenol	29	58	--	--	--	--	50 U	22 U	58	40	8.5	110 UJ	18 UJ	19 UJ	5.9 UJ	61 U	18 U	46	40	72 U	72 U
2,4-Dinitrophenol	--	--	--	--	--	--	5,200 U	4,100 U	6,600 U	1,300 U	960 U	11,000 U	2,400 U	3,800 U	390 U	6,100 U	1,500 U	2,500 U	3,000 U	3,100 U	3,100 U
2-Methylphenol	63	--	--	--	--	--	50 U	22 U	48 U	12 U	18	110 U	18 U	19 U	5.9 U	580 U	18 U	25 U	40	72 U	72 U

Table B-22 - Stormwater Solids

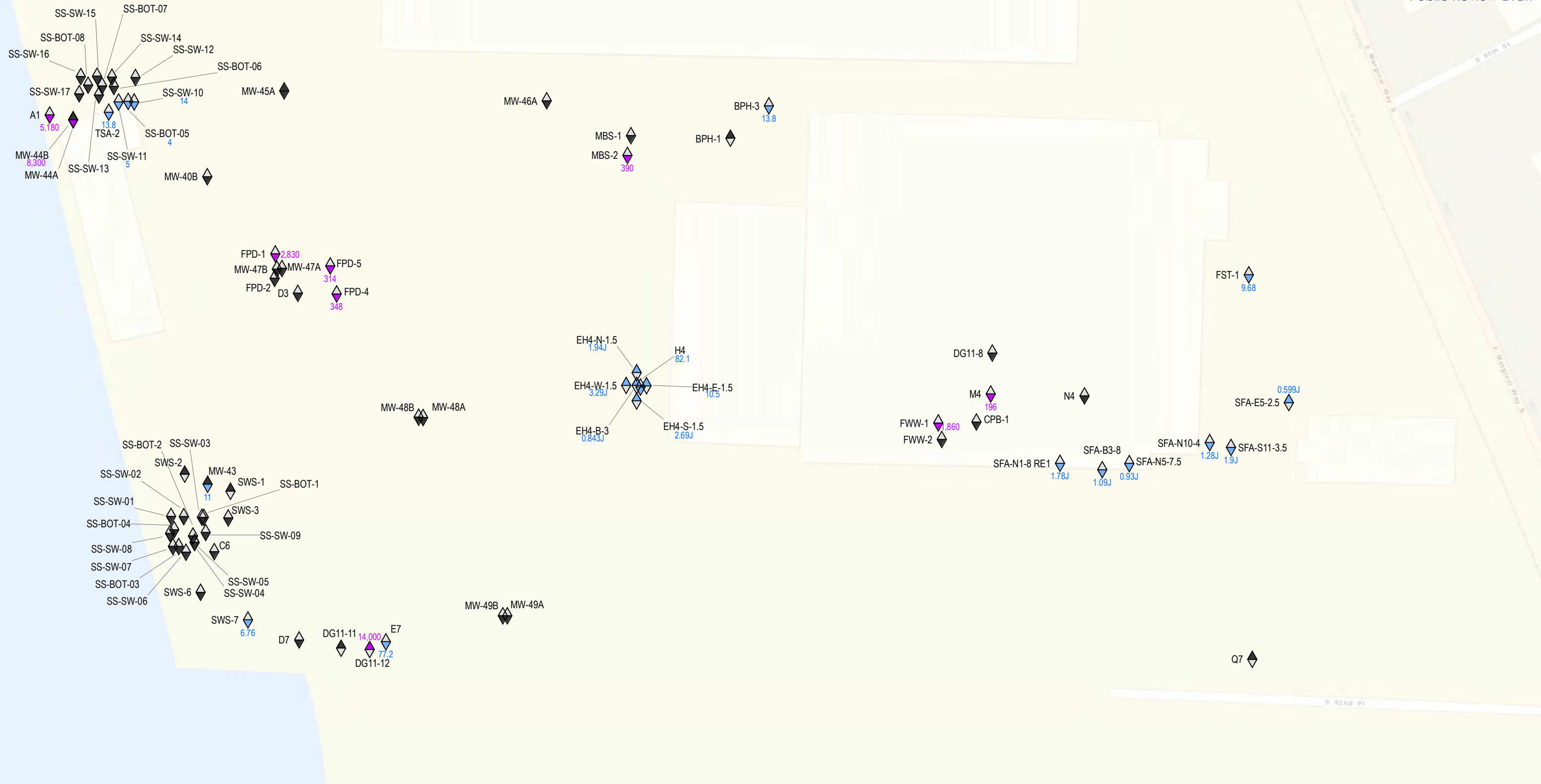
Location	Sample ID	LDW Sediment Remediation Levels SQS*	IAAI Samples				Collected on 5/21/2010					Collected on 5/24/2010				Collected on 8/19/2010				Collected on 3/22/2011	
			Drummed- SED1	Drummed-SED2	Rolloff-SOIL1	Rolloff-SOIL2	IAA-SSC-CBC01	IAA-SSC-CBC02	IAA-SSN-CBC01	IAA-SSN-MH01	IAA-SSN-MH02	IAA-SSC-TS01	IAA-SSN-CBC02	IAA-SSN-CBC03	IAA-SSN-MH03	IAA-SSN-CB16A	IAA-SSN-CB16B	IAA-SSN-CBC04	IAA-SSN-CBC05	IAA-SSC-CB12	IAA-SSC-CB13
			Stormwater Solids 2/10/2012	Stormwater Solids 2/10/2012	Soil Samples 2/17/2012	Soil Samples 2/17/2012	Composite Area 3	Composite Area 6	Composite Area 2	North System, Area 2	North System Near Water Tower	Central System StormFilter™ Vault	Composite Area 5	Composite Area 7	North System Inside Large Building	North System, Area 2 Catch Basin Floor	North System, Area 2 Catch Basin Insert	Composite Area 4	Composite Area 1	Central System Area 3 Catch Basin Insert	Central System Area 3 Catch Basin Floor
4-Methylphenol		670 1340	--	--	--	--	12,000	2,400	5,300	14,000	64 J	14,000	1,100	2,700	77	1,000	98 J	1,400	440	4,200	1,600
2-Nitrophenol		-- --	--	--	--	--	520 U	410 U	660 U	130 U	96 U	1,100 U	240 U	380 U	39 U	610 U	150 U	250 U	300 U	1,400 U	1,400 U
4-Nitrophenol		-- --	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Pentachlorophenol		360 740	--	--	--	--	250 U	9,600	240 U	62 U	30 U	560 U	92 U	2,000 J	30 U	310 UJ	370 J	130 UJ	140 UJ	360 U	360 U
2,4,5-Trichlorophenol		-- --	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
2,4,6-Trichlorophenol		-- --	--	--	--	--	2,600 U	2,000 U	3,300 U	650 U	480 U	5,600 U	1,200 U	1,900 U	200 U	3,100 U	770 U	1,300 U	1,500 U	1,400 U	1,400 U
Benzyl alcohol		57 114	--	--	--	--	3,100	110 U	1,800	210	30 U	560 U	92 U	97 U	30 U	780 J	5,000 J	440 J	420 J	330	150
Benzoic acid		650 1300	--	--	--	--	1,600 J	990 J	1,400 J	880 J	960 U	11,000 U	2,400 U	3,400 J	390 U	1,700 J	1,500 U	11,000	2,700 J	5,200	2,900 U
1-Methylnaphthalene		-- --	--	--	--	--	0.52 U	0.41 U	0.66 U	0.15	0.44	1.1 U	0.24 U	0.38 U	0.039 U	0.52 J	0.33	0.15 J	0.17 J	0.49	0.41
2-Chloronaphthalene		-- --	--	--	--	--	0.52 U	0.41 U	0.66 U	0.13 U	0.096 U	1.1 U	0.24 U	0.38 U	0.039 U	0.61 U	0.15 U	0.25 U	0.3 U	0.29 U	0.29 U
2-Methylnaphthalene		0.67 1.3	--	--	--	--	0.52 U	0.41 U	0.66 U	0.24	0.51	1.1 U	0.12 J	0.21 J	0.039 U	0.78	0.62	0.2 J	0.25 J	0.91	0.83
Acenaphthene		0.5 0.56	--	--	--	--	0.52 U	0.41 U	0.48 J	0.31	0.78	1.1 U	0.33	0.62	0.036 J	0.34 J	0.11 J	0.42	0.52	0.29 U	0.16 J
Acenaphthylene		0.56 --	--	--	--	--	0.52 U	0.41 U	0.66 U	0.13 U	0.25	1.1 U	0.24 U	0.52	0.039 U	0.61 U	0.15 U	0.25 U	0.3 U	0.29 U	0.29 U
Anthracene		0.96 7.7	--	--	--	--	0.3 J	0.8	0.93	0.74	1.5	1.1 J	0.95	3.1	0.15	0.53 J	0.16	0.84	1	0.29 U	0.33
Benzo (a) anthracene ^(a)		1.3 3.8	--	--	--	--	0.8	1.1	1.8	1.6	2.4	2.4	2.4	14	0.43	1.2	0.27	1.8	1.4	0.43	0.83
Benzo (a) pyrene ^(a)		1.6 3.5	--	--	--	--	0.83	4.3	2.4	3.3	3	6.1	3.2	21	0.83	2.1	0.58	2.4	2.3	0.5	0.9
Benzo (b) fluoranthene ^(a)		NA NA	--	--	--	--	0.82	5.7	2.2	3.5	2	7.8	3.8	22	0.96						
Benzo (ghi) perylene		0.67 1.1	--	--	--	--	0.43 J	1.8	1.2	1.4	0.83	2.3	1.2	7.9	0.31	2.2	0.6	2	1.8	0.46	0.96
Benzo (k) fluoranthene ^(a)		NA NA	--	--	--	--	0.82	5.7	2.2	3.5	2	7.8	3.8	22	0.96						
Total benzofluoranthenes		8	--	--	--	--	1.64	11.4	4.4	7	4	15.6	7.6	44	1.92	3.2	1.04	4	4	1.1	2
Chrysene ^(a)		1.4 3.8	--	--	--	--	1.2	8.1	3.4	5.5	3.8	11	5.2	27	1.2	3	0.93	3.9	3.4	0.88	1.4
Dibenzo (a,h) anthracene ^(a)		0.23 0.21	--	--	--	--	0.52 U	0.52	0.33 J	0.36	0.34	0.7 J	0.36	3	0.12	0.33 J	0.17	0.72	0.63	0.29 U	0.17 J
Dibenzofuran		0.52	--	--	--	--	0.52 U	0.41 U	0.42 J	0.32	0.68	1.1 U	0.38	0.59	0.035 J	0.37 J	0.11 J	0.36	0.39	0.29 U	0.17 J
Fluoranthene		1.7 5.6	--	--	--	--	2.3 J	8.5 J	6.9 J	7.8 J	7.8 J	14 J	9.8 J	48 J	2.1 J	4.8	1.4	6.3	5.1	1.6	2.6
Fluorene		0.54 0.81	--	--	--	--	0.52 U	0.41 U	0.41 J	0.39	0.71	1.1 U	0.38	0.78	0.04	0.46 J	0.092 J	0.38	0.46	0.29 U	0.25 J
Indeno (1,2,3-cd) pyrene ^(a)		0.6 1.2	--	--	--	--	0.37 J	2	1	1.2	0.73	2.3	1.2	7.8	0.33	1.3	0.32	1.5	1.3	0.36	0.64
Naphthalene		2.1 3.5	--	--	--	--	0.52 U	0.41 U	0.64 J	0.33	0.68	1.1 U	0.17 J	0.35 J	0.022 J	1.3	0.61	0.36	0.52	0.26 J	0.49
Phenanthrene		1.5 3.5	--	--	--	--	1.8	2.5	5.5	4.1	7.7	6.7	5	23	0.76	4.4	1.2	5.3	4.9	1.1	2.1
Pyrene		2.6 35	--	--	--	--	1.9	6.1	4.4	5.7	6.2	9.5	6.2	37	1.4	3.8	1.1	4.6	4.2	1.4	2.4
Total HPAHs		33.6	--	--	--	--	9.5 J	43.8 J	25.8 J	33.9 J	29.1 J	64 J	37.2 J	210 J	8.6 J	21.9	6.4	27.2	24.1	6.7	11.9
Total LPAHs		13	--	--	--	--	2.1 J	3.3	8 J	5.9	11.6	7.8 J	6.8 J	28 J	1.01 J	7	2.2	7.3	7.4	1.4	3.3
cPAH TEQ -half DL			--	--	--	--	1.2 J	6	3.3 J	4.5	3.9	8.5 J	4.5	29	1.2	2.8	0.82	3.5	3.3	0.71	1.28
Total PAHs			--	--	--	--	11.6 J	47.1 J	33.8 J	39.7 J	40.7 J	72.0 J	44.0 J	238.0 J	9.6 J	29	8.6	34.5	31.5	8.1	15.2

Notes:
IAAI = Insurance Auto Auctions, Inc.
ID = Identification
LDW = Lower Duwamish Waterway

Table B-23 - Surface Samples

Location	Sample Date	Sample ID	Aroclor 1016 µg/kg	Aroclor 1221 µg/kg	Aroclor 1232 µg/kg	Aroclor 1242 µg/kg	Aroclor 1248 µg/kg	Aroclor 1254 µg/kg	Aroclor 1260 µg/kg	Total PCBs µg/kg	Dibutyltin Ion µg/kg	Monobutyltin µg/kg	Tributyltin Ion µg/kg	Arsenic mg/kg	Cadmium mg/kg	Chromium mg/kg	Copper mg/kg	Lead mg/kg	Nickel mg/kg	Zinc mg/kg
S01	9/14/2011	Paint chip	800 U	800 U	800 U	800 U	1200 U	1500	800 U	4100	23 U	16 UJ	15 U	21	6	183 J	22	2020	20	140 J
S02	9/14/2011	Paint chip	770 U	770 U	770 U	770 U	770 U	770 U	770 U	2695 U	3.0 J	4.4 J	3.8 UJ	7	2 U	465	46	90	70	60
S03	9/14/2011	Paint chip	790 U	790 U	790 U	790 U	1200 U	3100	790 U	5470	5.7 U	4.0 UJ	3.8 U	2 U	11.3	5010	20	23600	3	8080
S03	9/14/2011	Paint chip duplicate	780 U	780 U	780 U	780 U	1600 U	4200	890	7005	4.4 J	4.1 UJ	3.8 U	2	11.1	5710	19	26400	2	9150
S04	9/14/2011	Glazing	750 U	750 U	750 U	750 U	750 U	1500	750 U	3750	46	62 J	5	24	15	1750	204	1420	173	1550
S05	9/14/2011	Brick	33 UJ	33 U	33 U	33 U	33 U	44	33 U	143	45	4.0 UJ	3.8 U	9	0.5 U	30	26	33	21	76
S06	9/14/2011	Joint compound	780 U	780 U	780 U	780 U	780 U	780 U	780 U	2730 U	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
S07	9/14/2011	Joint compound	770 U	770 U	770 U	770 U	1100	1100	770 U	4125	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
S08	9/14/2011	Joint compound	800 U	800 U	800 U	800 U	3200 U	10000	1800	13200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
 BOLD = detection
 Data reported to reporting detection limit
 µg/L = micrograms per liter
 J = estimated result
 N = presumptively identified result
 NJ = presumptively identified and estimated result
 R = rejected result
 U = not detected at or above the stated level
 UJ = not detected at or above the stated level, which is an approximate value



LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

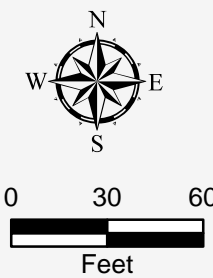
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE

FPD-5
314

*Sample Location is FPD-5.
Sample analyzed and detected greater than screening level.
Sample result is 314 mg/kg for Unsaturated.*

NOTE
Screening against Ecology Preliminary Cleanup Levels, 2018.
In Soil For Gasoline Range Hydrocarbons Screening Level is 100 mg/kg for Saturated and 100 mg/kg for Unsaturated.



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**GASOLINE RANGE
HYDROCARBONS IN SOIL**

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FIG. B-1



LEGEND

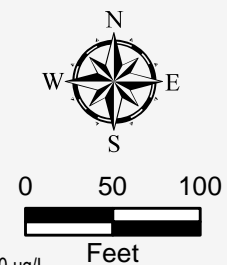
Sample Location

●	2019 - Winter
●	2002 - Spring
●	2004 - Spring
●	2006 - Spring
●	2006 - Spring*
●	2006 - Fall
●	2011 - Fall

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

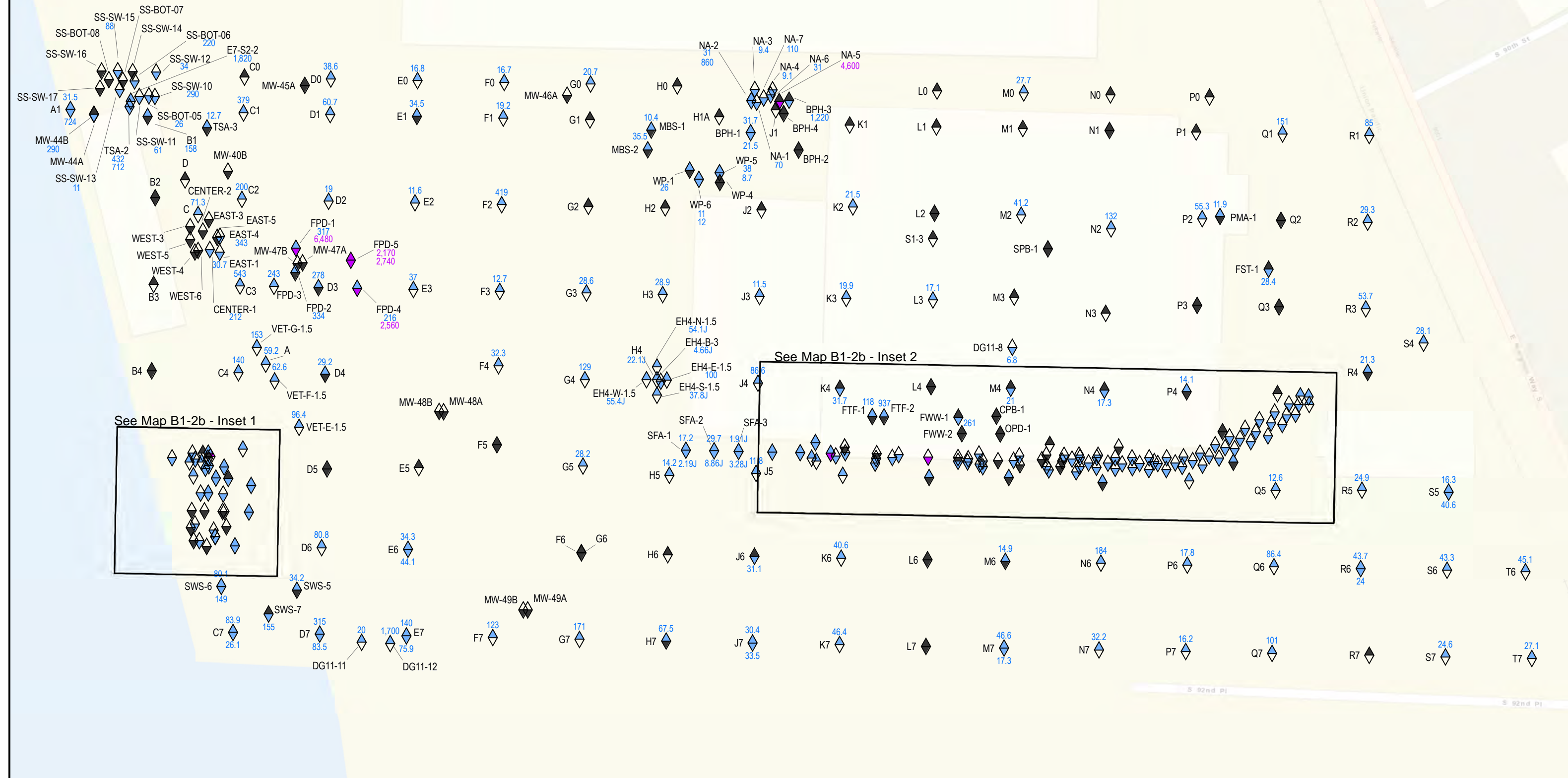
NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Gasoline Range Hydrocarbons In Groundwater Screening Level Is 800 ug/L



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**GASOLINE RANGE HYDROCARBONS
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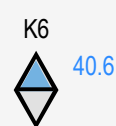


LEGEND

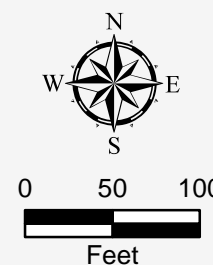
Sample Location
 Unsaturated Surface
 Saturated to 3 feet

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is K6.
 Sample analyzed and detected less than screening level.
 Sample result is 40.6 mg/kg for Saturated.



NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Diesel Range Hydrocarbons Screening Level is 2,000 mg/kg for Saturated and 2,000 mg/kg for Unsaturated.

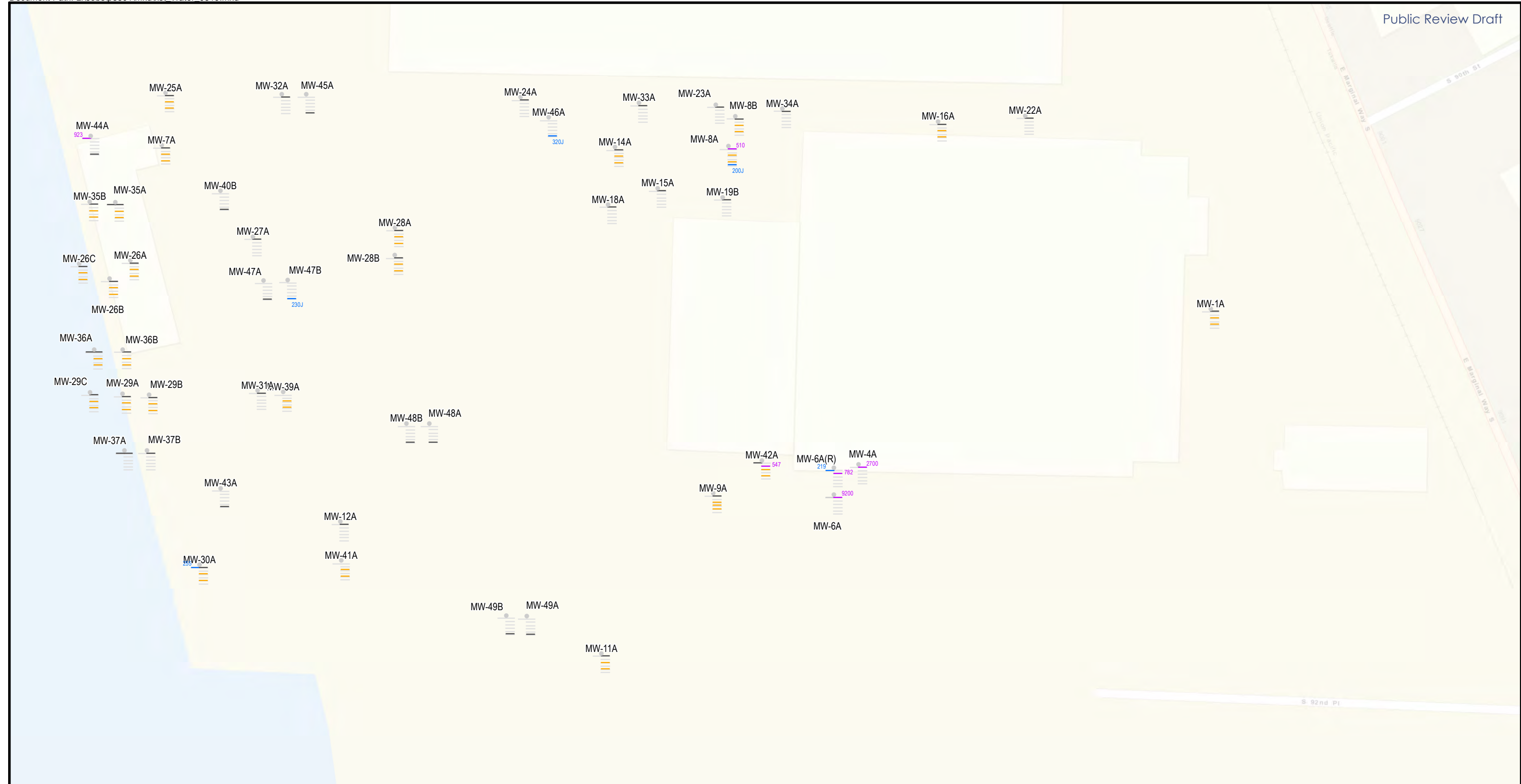
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**DIESEL RANGE HYDROCARBONS
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FIG. B-3a



LEGEND

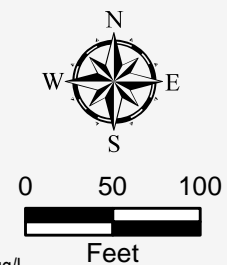
Sample Location

2019- Winter 2002- Spring
 2004- Spring
 2006- Spring
 2006- Spring*
 2006- Fall
 2011- Fall

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Diesel Range Hydrocarbons In Groundwater Screening Level Is 500 ug/L



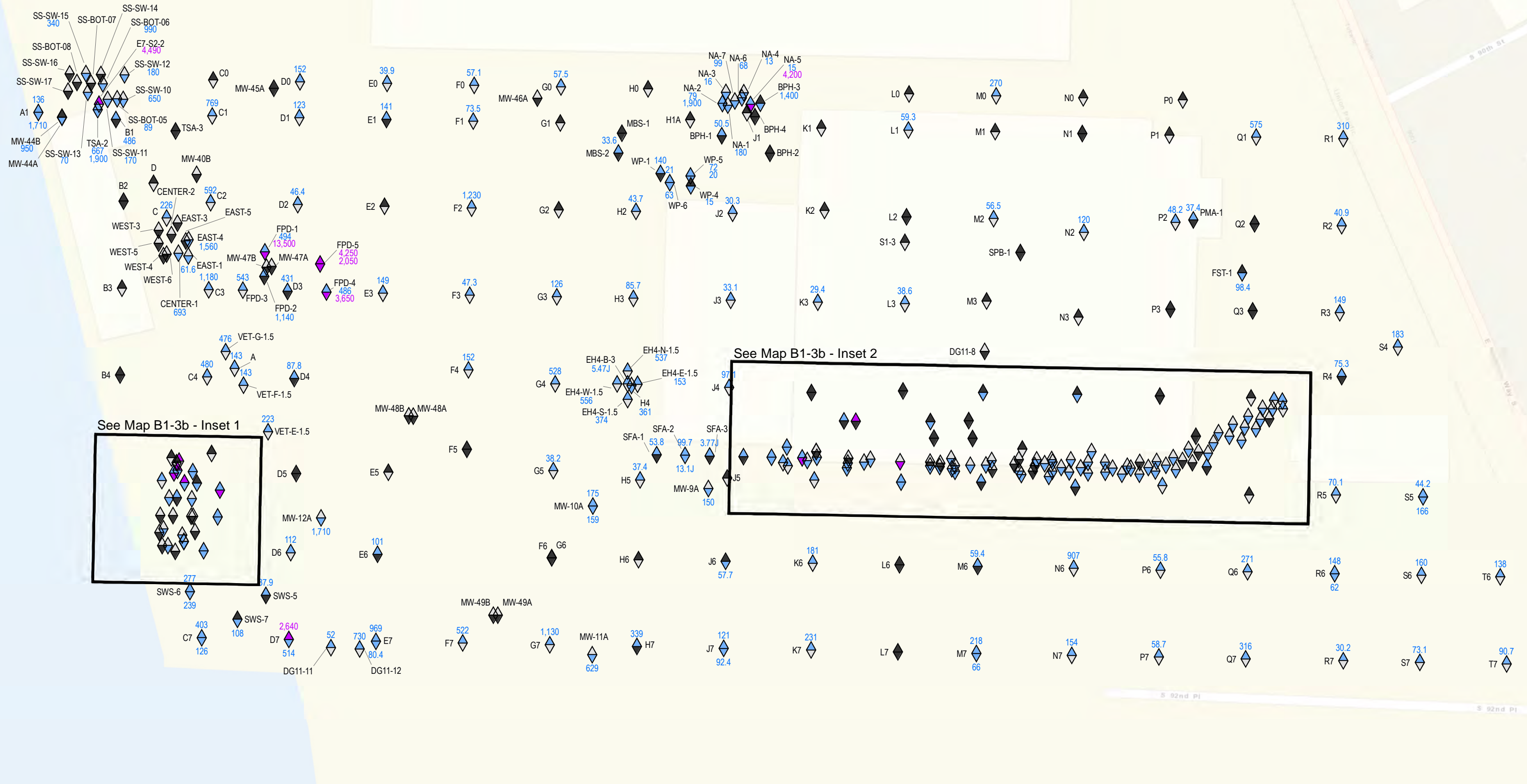
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**DIESEL RANGE HYDROCARBONS
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FIG. B-4



LEGEND

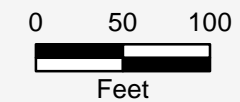
Sample Location
 Unsaturated Surface to 3 feet
 Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE

E7-S2-2
 4,490

Sample Location is E7-S2-2.
 Sample analyzed and detected greater than screening level.
 Sample result is 4,490 mg/kg for Unsaturated.



NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Oil Range Hydrocarbons Screening Level is 2,000 mg/kg for Saturated and 2,000 mg/kg for Unsaturated.

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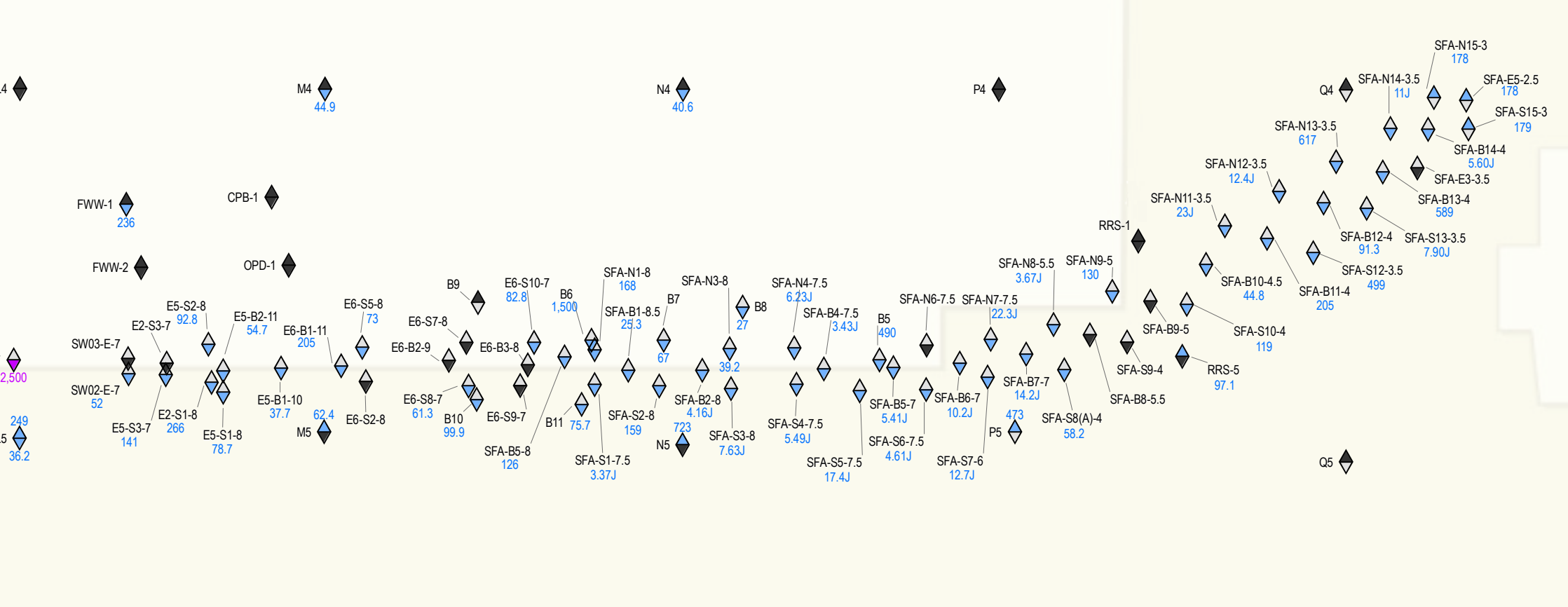
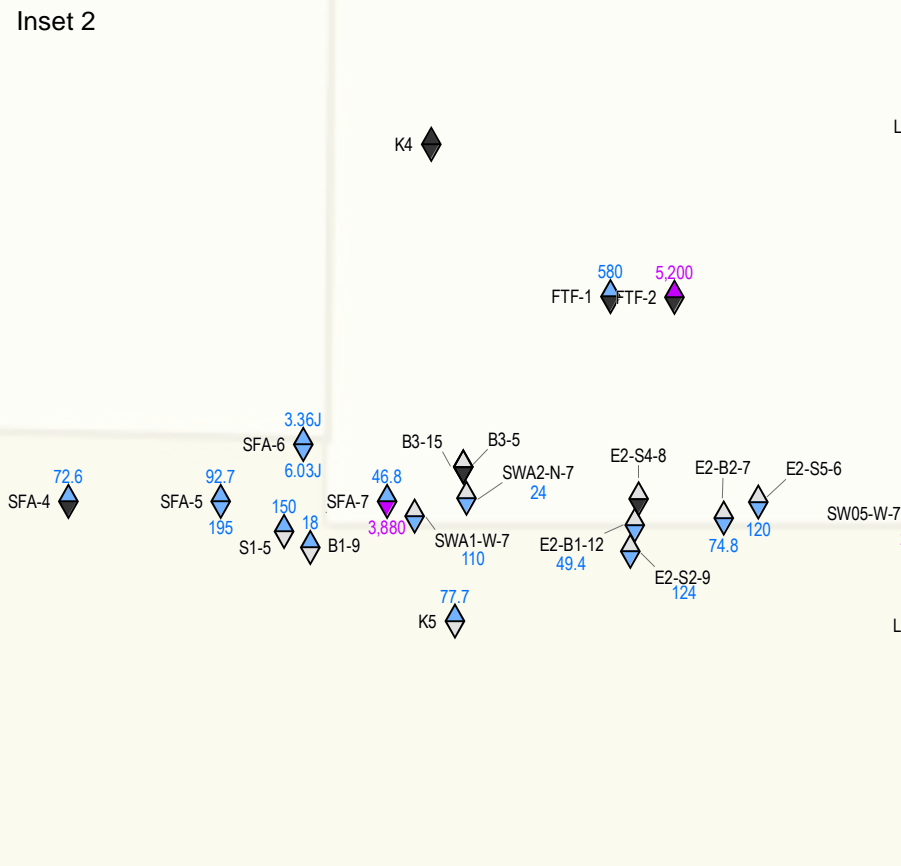
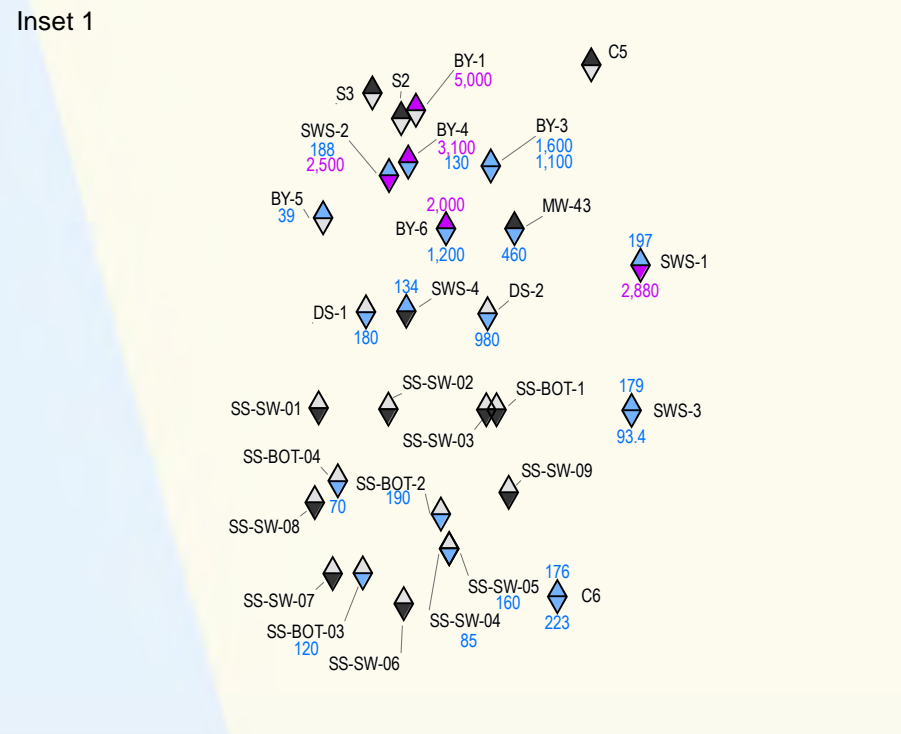
**OIL RANGE HYDROCARBONS
 IN SOIL**

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FIG. B-5a



LEGEND

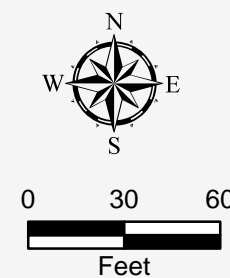
Sample Location
 Unsaturated Surface to 3 feet
 Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE
 BY-1

 Sample Location is BY-1.
 Sample analyzed and detected greater than screening level.
 Sample result is 5,000 mg/kg for Unsaturated.

NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Oil Rnage Hydrocarbon Screening Level is 2,000 mg/kg in Saturated and 2,000 mg/kg in Unsaturated.



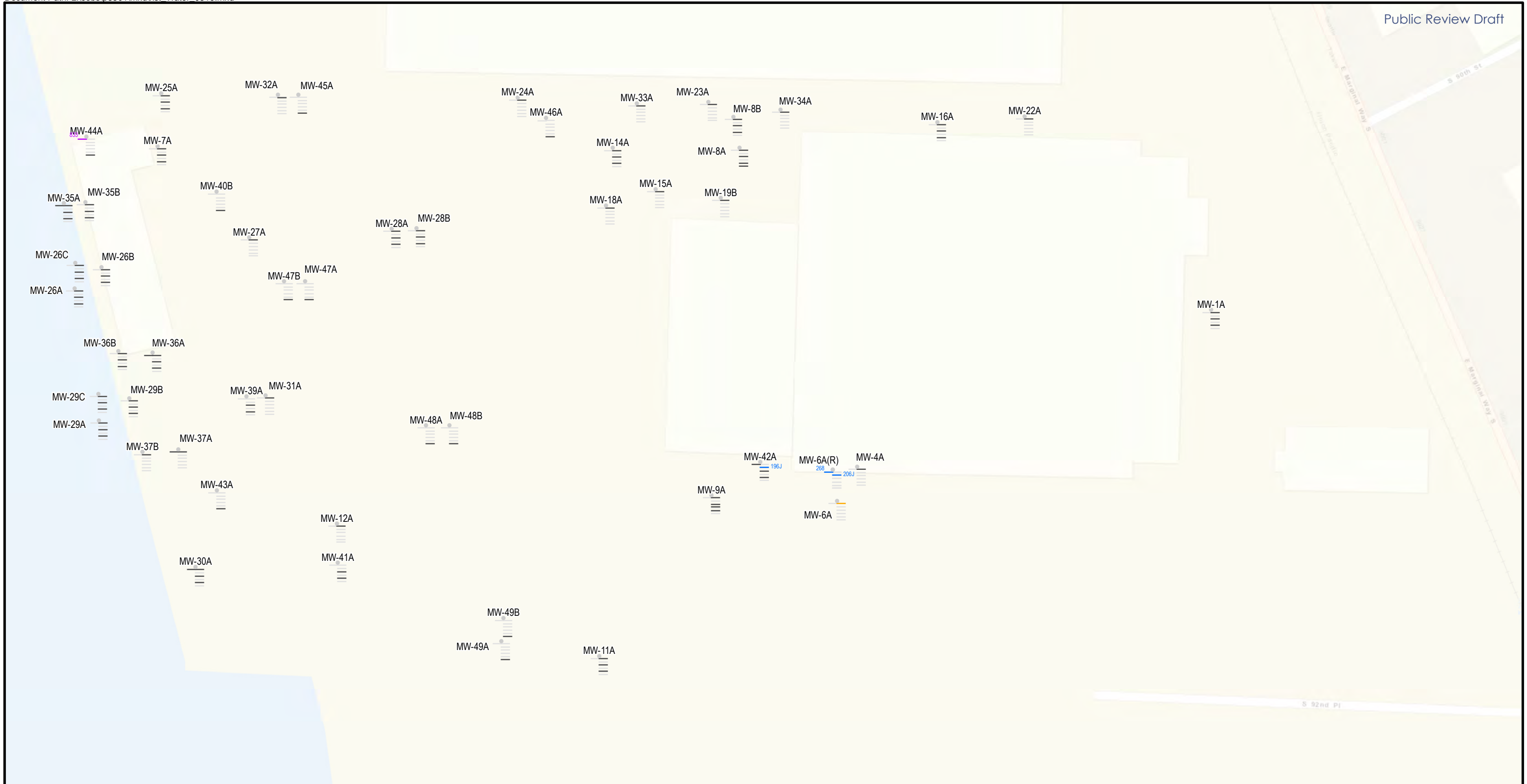
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FIG. B-5b



LEGEND

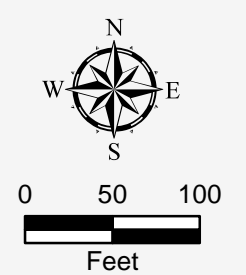
Sample Location

- 2019 - Winter
- 2002 - Spring
- 2004 - Spring
- 2006 - Spring
- 2006 - Spring*
- 2006 - Fall
- 2011 - Fall

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Oil Range Hydrocarbons In Groundwater Screening Level Is 500 ug/L



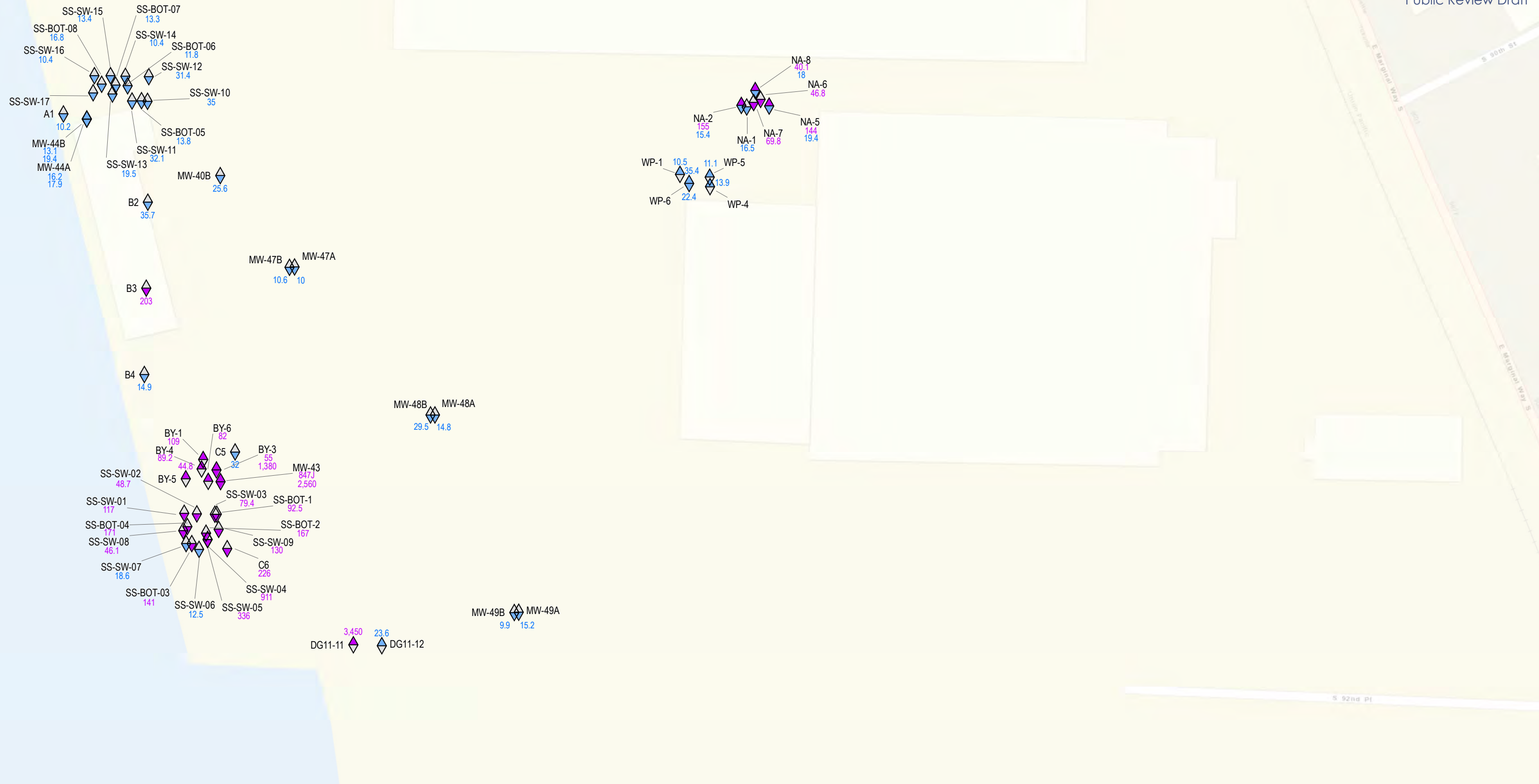
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FIG. B-6



LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

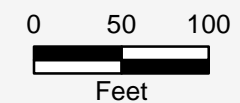
EXAMPLE

B3
 203

Sample Location is B3.
 Sample analyzed and detected greater than screening level.
 Sample result is 203 mg/kg for Saturated.

NOTE

Screening against Ecology Preliminary Cleanup Levels, 2018. In Soil For Copper Screening Level is 36 mg/kg for Saturated and 36 mg/kg for Unsaturated.



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**COPPER
 IN SOIL**

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FIG. B-7



LEGEND

Sample Location

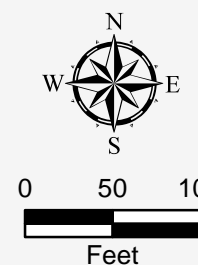
2002 - Spring
2006 - Spring
2006 - Fall
2011 - Fall
2019 - Winter

Dissolved Total

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
Screening against project proposed cleanup level. Copper cleanup level in groundwater is 8 ug/L.



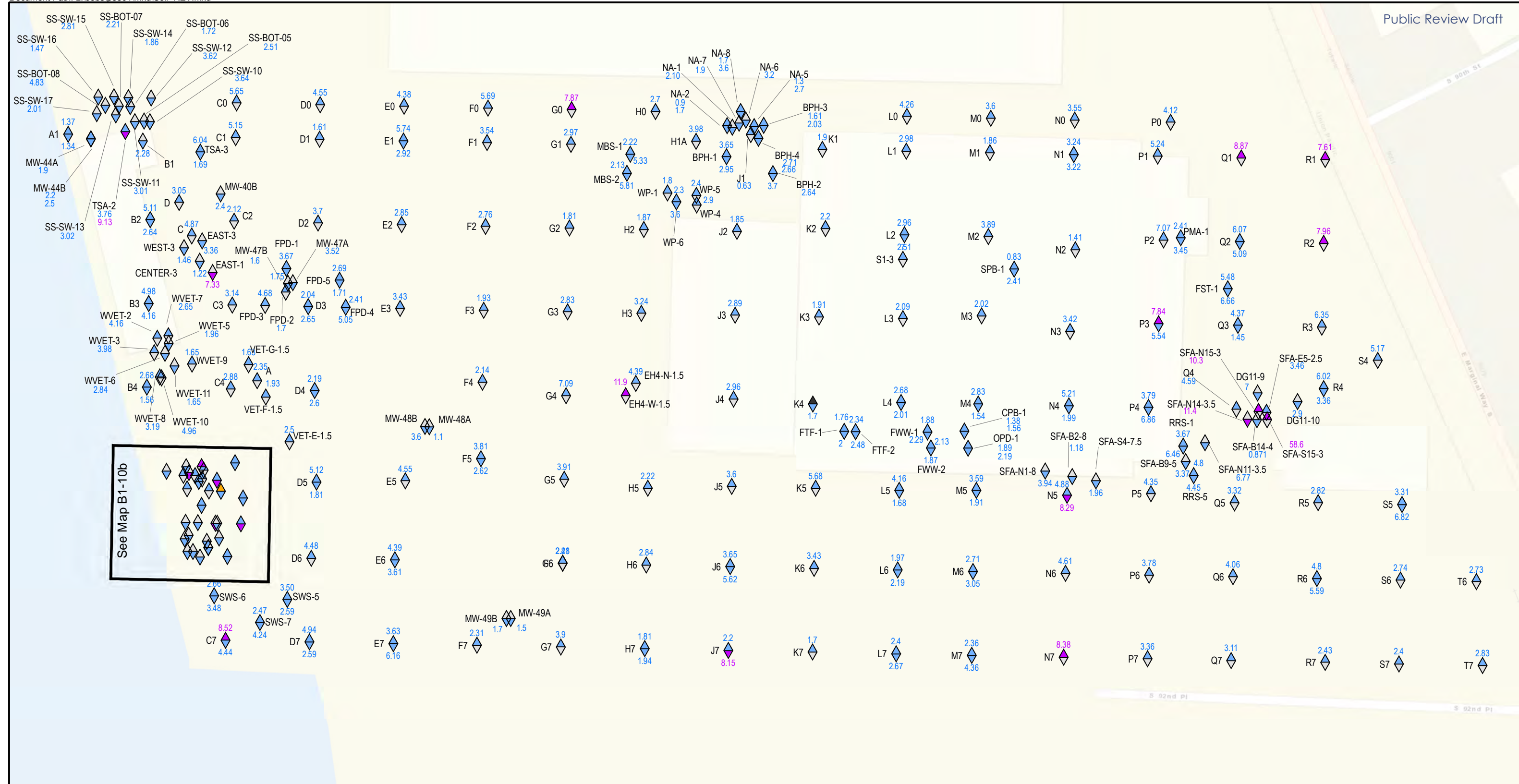
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**COPPER
IN GROUNDWATER**

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FIG. B-8



See Map B1-10b

LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

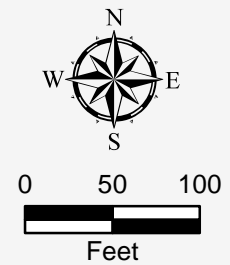
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is G0.
 Sample analyzed and detected greater than screening level.
 Sample result is 7.87 mg/kg for Unsaturated.

NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018. In Soil For Arsenic Preliminary Level is 7.3 mg/kg for Saturated and 7.3 mg/kg for Unsaturated.



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ARSENIC IN SOIL

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FIG. B-9a



LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

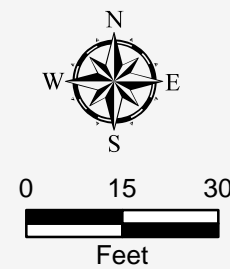
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



*Sample Location is S-1.
 Sample analyzed and detected greater than screening level.
 Sample result is 13 mg/kg for Unsaturated.*

NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018. In Soil For Arsenic Screening Level is 7.3 mg/kg for Saturated and 7.3 mg/kg for Unsaturated.



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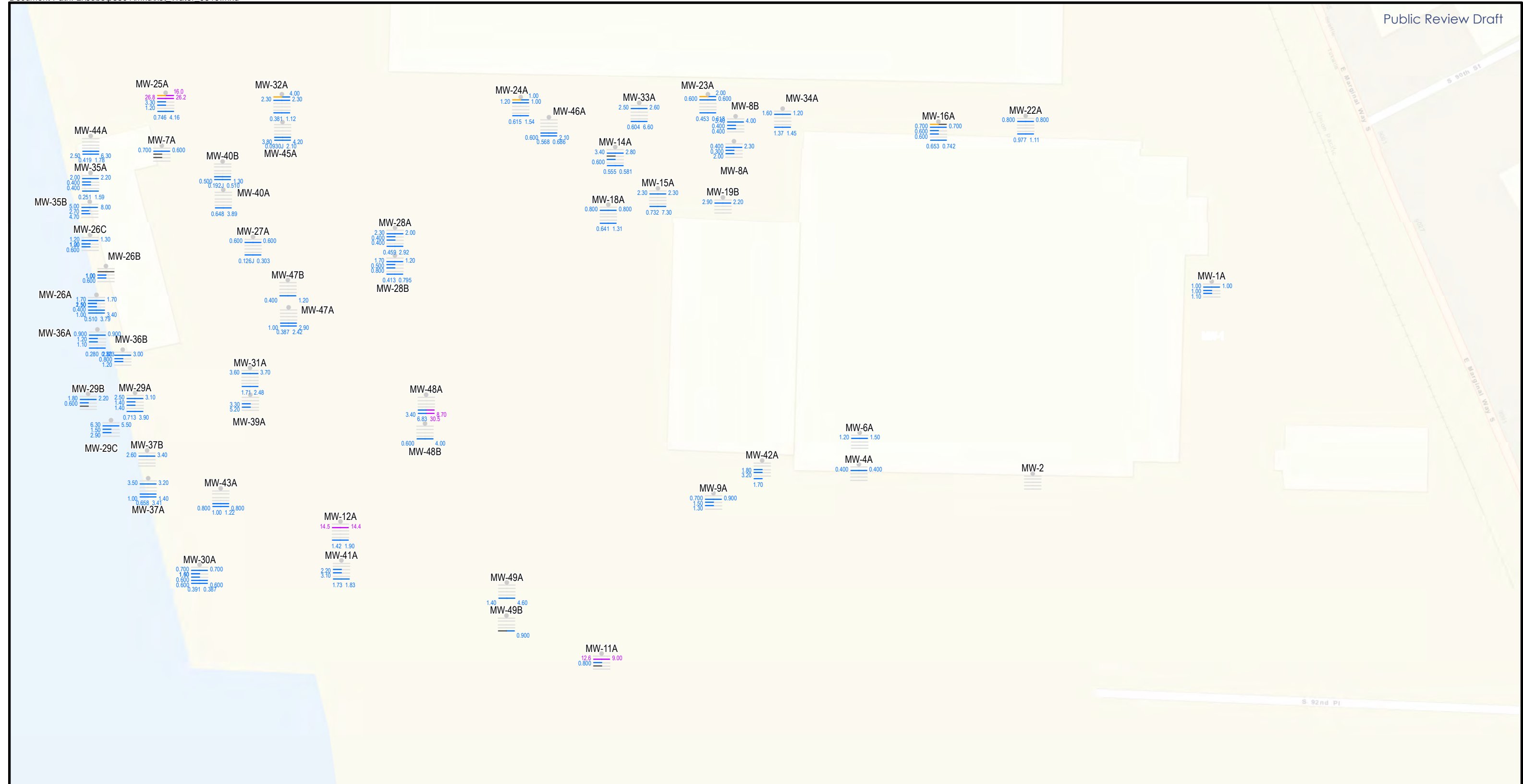
ARSENIC IN SOIL

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FIG. B-9b



LEGEND

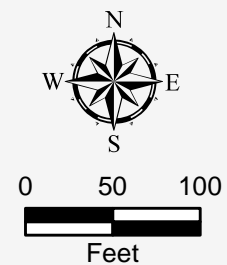
Sample Location

- 2001 - Fall
- 2002 - Spring
- 2006 - Spring
- 2006 - Fall
- 2011 - Fall
- 2019 - Winter

Dissolved **Total**

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Arsenic In Groundwater Screening Level Is 8 ug/L



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ARSENIC IN GROUNDWATER

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FIG. B-10



LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

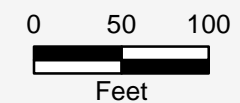
EXAMPLE

B4
 0.679

Sample Location is B4.
Sample analyzed and detected greater than screening level.
Sample result is 0.679 mg/kg for Saturated.

NOTE

Screening against Ecology Preliminary Cleanup Levels, 2018.
In Soil For Bis(2-ethylhexyl) phthalate Screening Level is 0.005119 mg/kg for Saturated and 0.102304 mg/kg for Unsaturated.



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**BIS(2-ETHYLHEXYL) PHTHALATE
IN SOIL**

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FIG. B-11



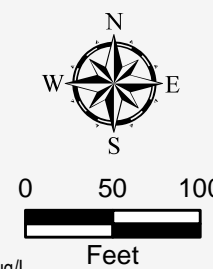
LEGEND

Sample Location

- 2002 - Spring
- 2006 - Spring
- 2006 - Fall
- 2011 - Fall
- 2019 - Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level



NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Bis(2-ethylhexyl) phthalate In Groundwater Screening Level Is 0.046 ug/L

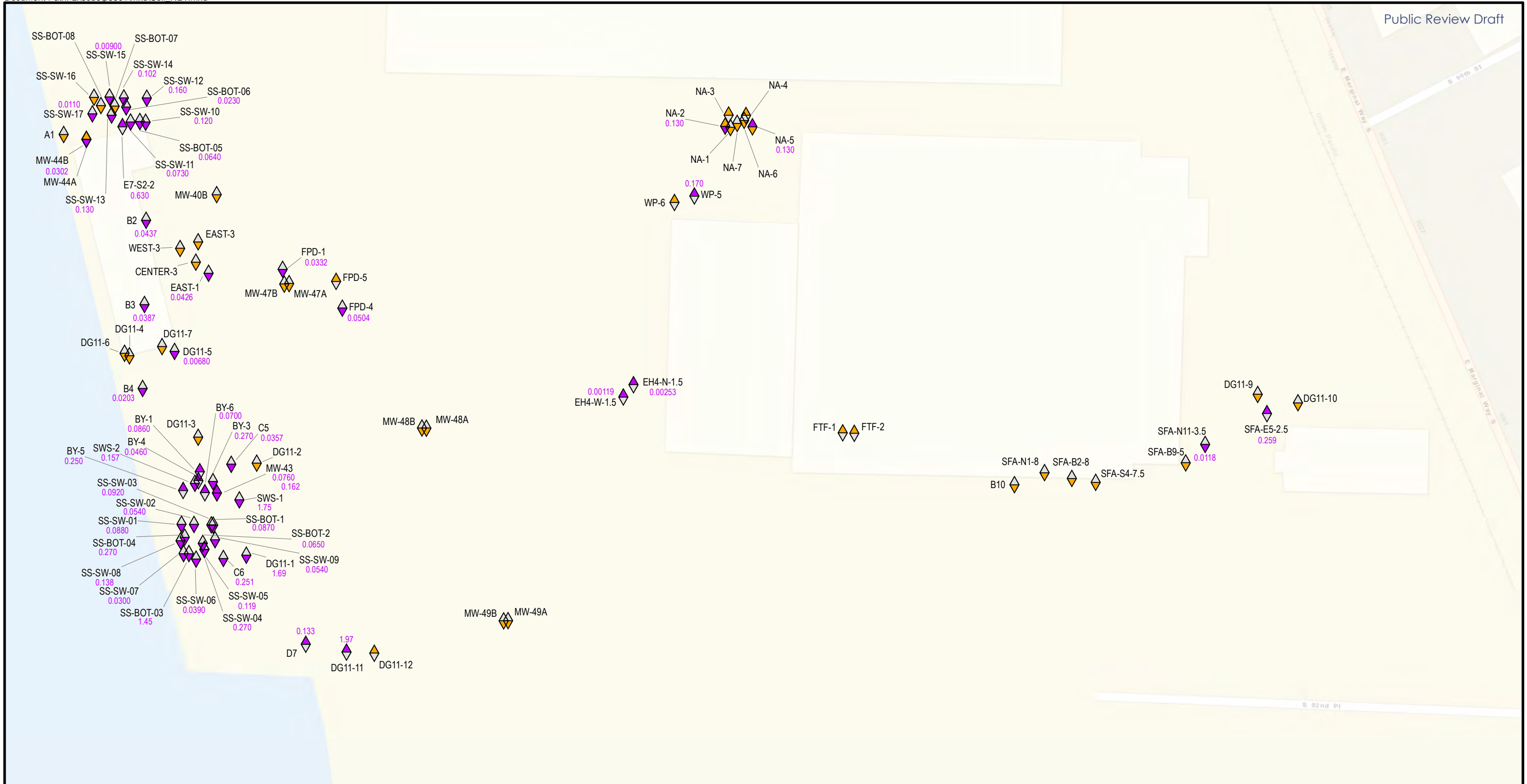
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**BIS(2-ETHYLHEXYL) PHTHALATE
 IN GROUNDWATER**

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FIG. B-12



LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

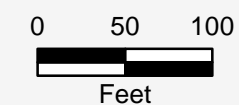
EXAMPLE

MW-43
 0.0760

*Sample Location is MW-43.
Sample analyzed and detected greater than screening level.
Sample result is 0.0760 mg/kg for Unsaturated.*

NOTE

Screening against Ecology Preliminary Cleanup Levels, 2018. In Soil For Total PCB Aroclors Screening Level is 0.000002165 mg/kg for Saturated and 0.000043288 mg/kg for Unsaturated.



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**TOTAL PCB AROCLORS
IN SOIL**

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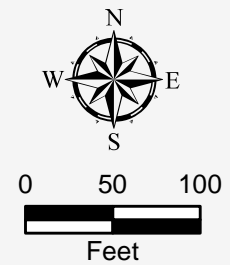
FIG. B-13



LEGEND
 Sample Location
 ●
 2002 - Spring
 2004 - Spring
 2006 - Spring
 2006 - Fall
 2011 - Fall
 2019 - Winter
 Sample - Date

— Not Analyzed
 — Analyzed - Not Detected
 — Analyzed - No Exceedance
 — Analyzed - Not Detected and Detection Limit Greater Than Screening Level
 — Analyzed - Detected Greater Than Screening Level

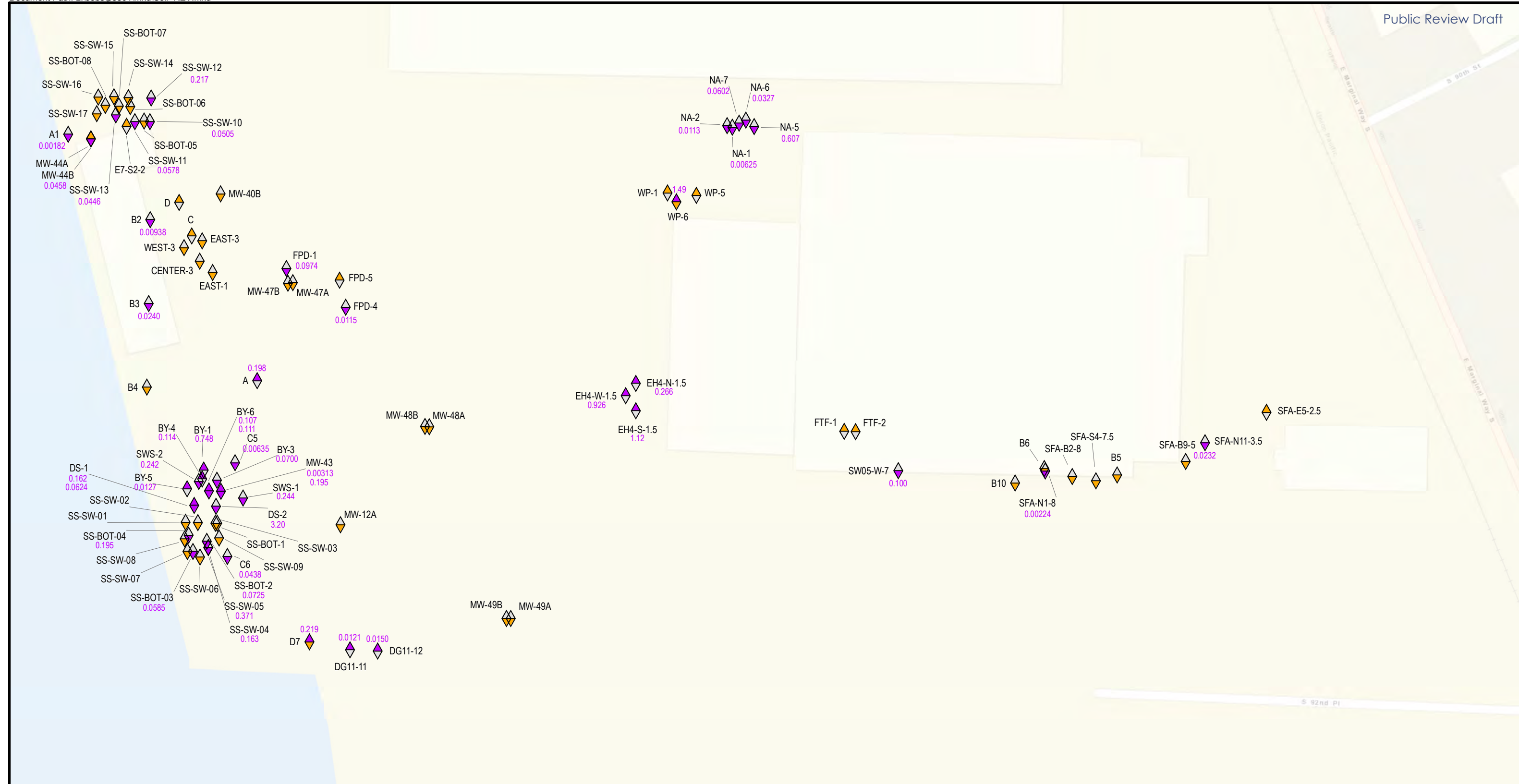
NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Total PCB Aroclors In Groundwater Screening Level Is 0.000007 ug/L



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**TOTAL PCB AROCLORS
 IN GROUNDWATER**

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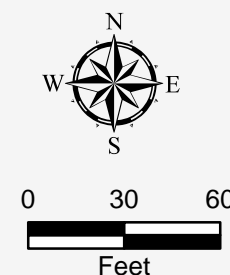
**TOTAL CPAH TEQ
IN SOIL**

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FIG. B-15





LEGEND

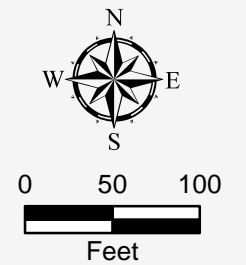
Sample Location

- 2002 - Spring
- 2004 - Spring
- 2006 - Spring
- 2006 - Fall
- 2011 - Fall
- 2019 - Winter

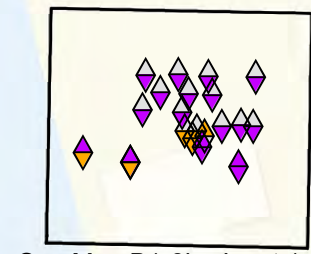
Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

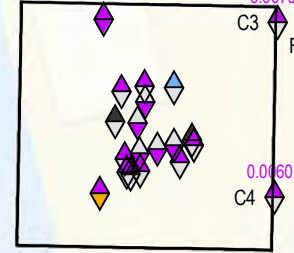
NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Total cPAH TEQ In Groundwater Screening Level Is 0.000016 ug/L



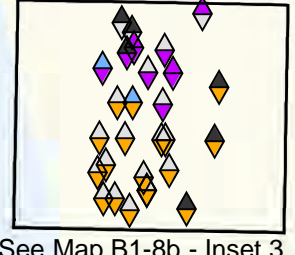
8801 East Marginal Way South Tukwila, Washington	
TOTAL CPAH TEQ IN GROUNDWATER	
June 2019	21-1-12567-014
SHANNON & WILSON, INC. <small>GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS</small>	FIG. B-16



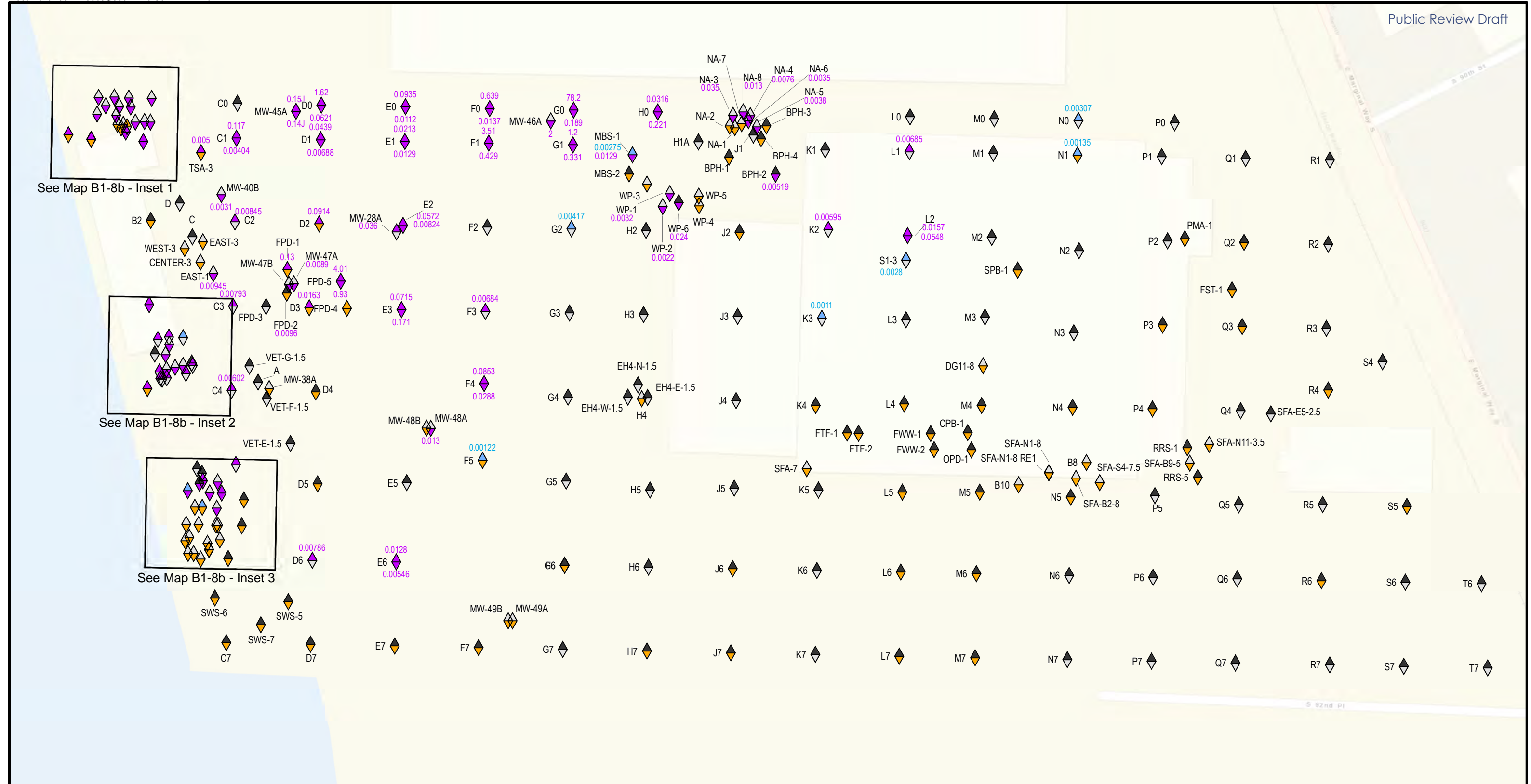
See Map B1-8b - Inset 1



See Map B1-8b - Inset 2



See Map B1-8b - Inset 3

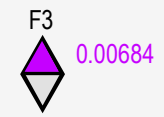


LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

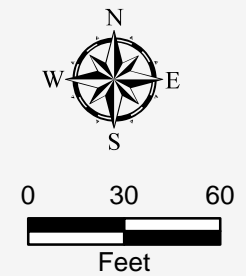
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is F3.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.00684 mg/kg for Unsaturated.

NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Trichloroethylene (TCE) Screening Level is 0.00026647 mg/kg for Saturated and 0.004405987 mg/kg for Unsaturated.



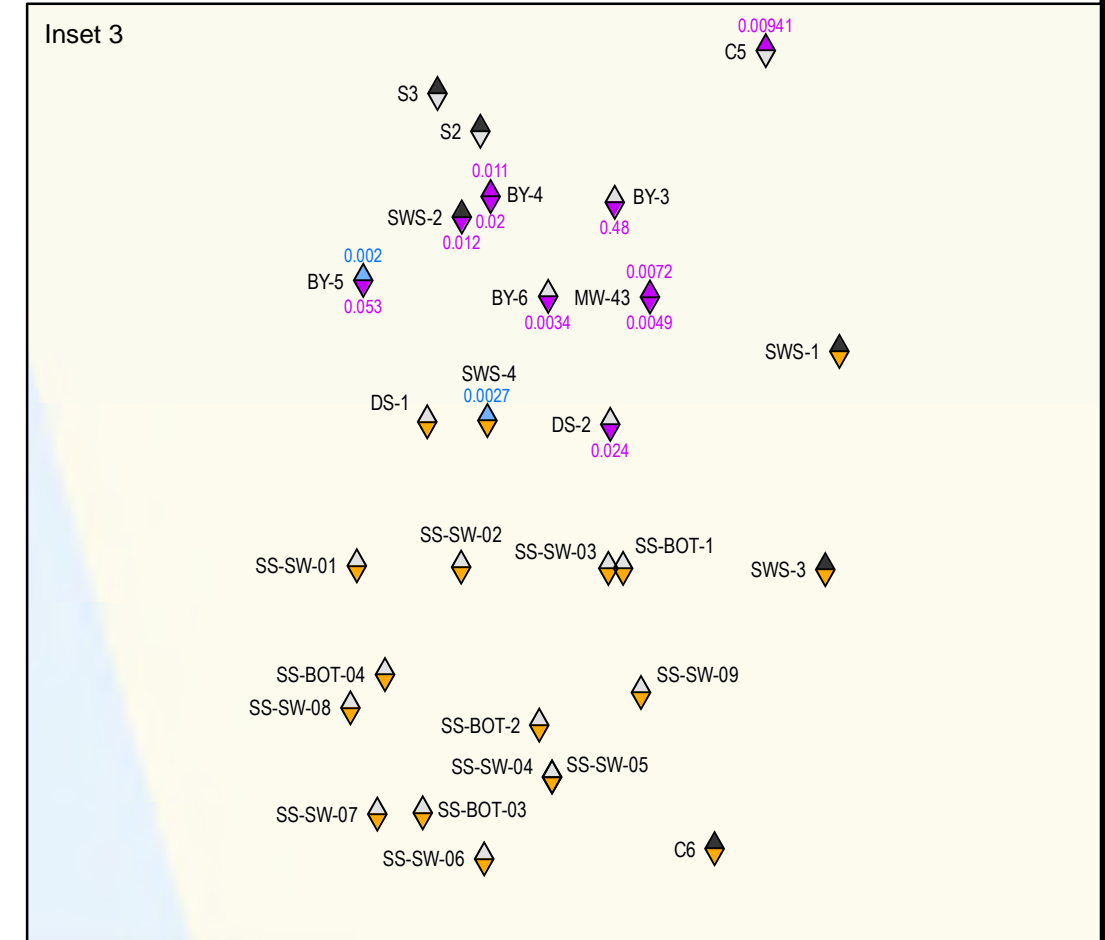
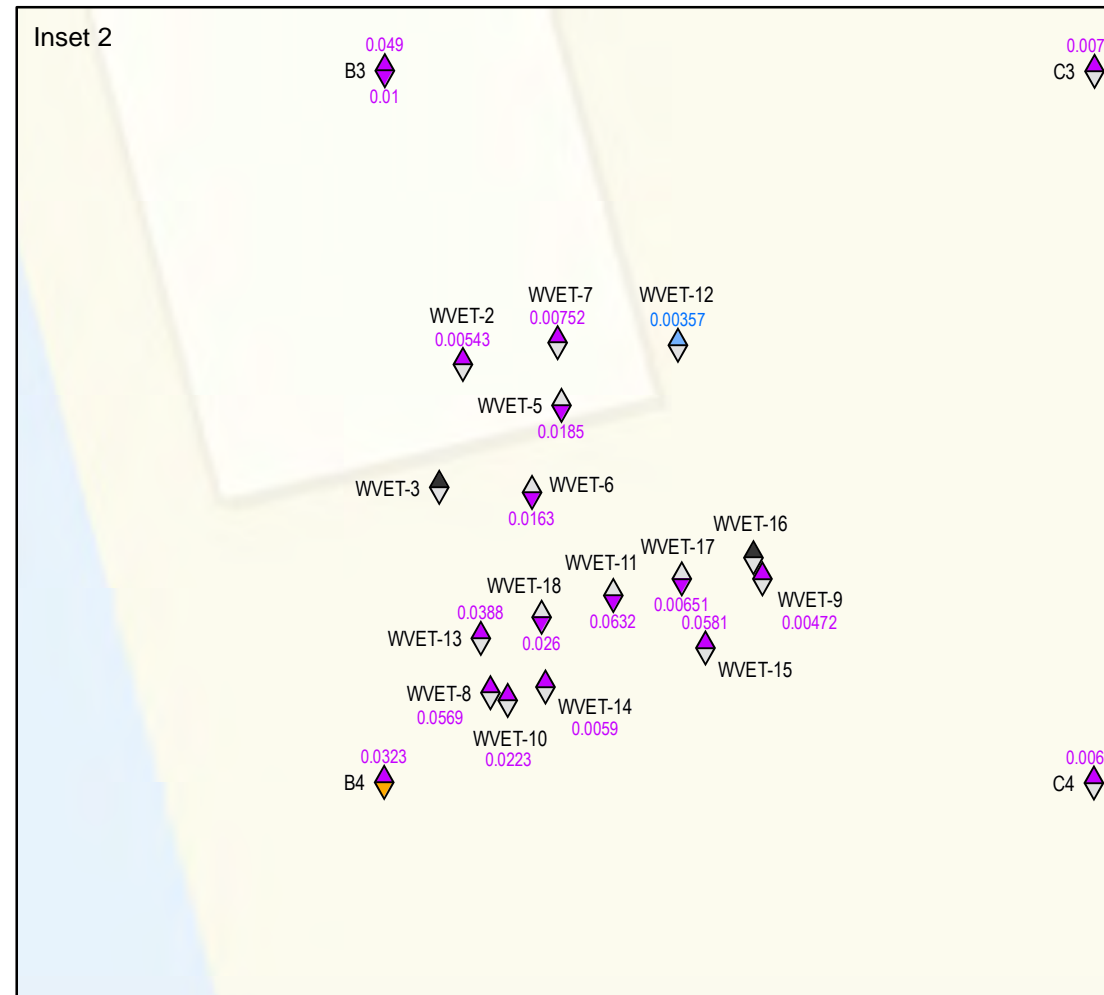
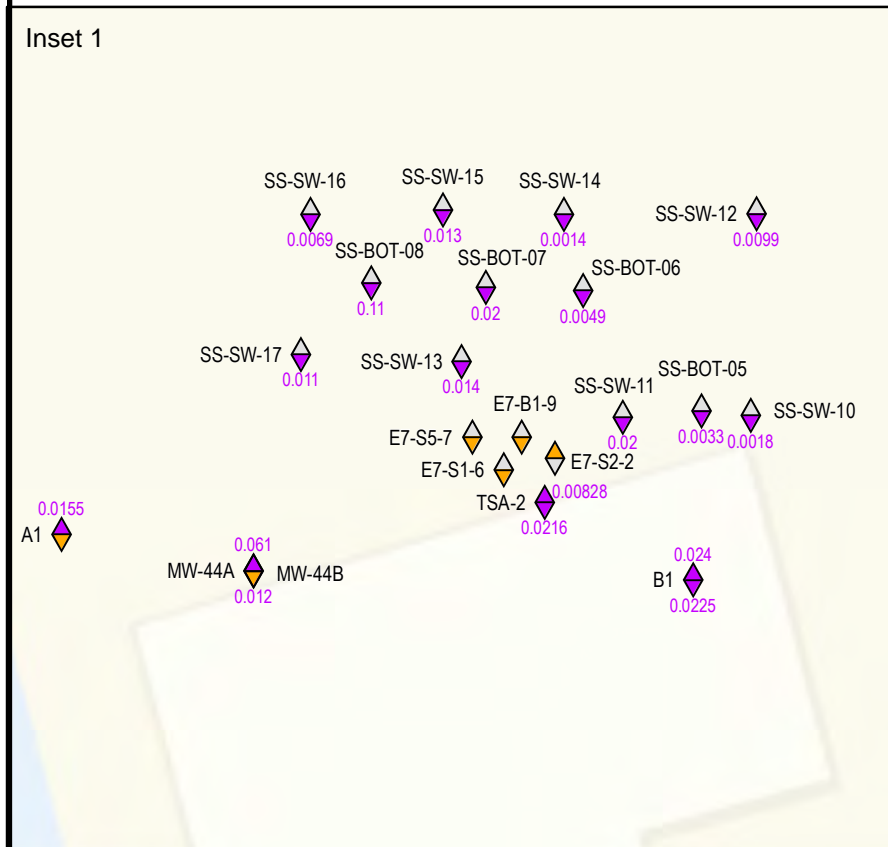
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**TRICHLOROETHYLENE (TCE)
 IN SOIL**

June 2019 21-1-12567-014

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FIG. B-17a



LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

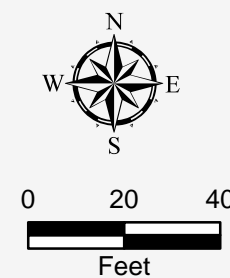
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is C5.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.00941 mg/kg for Unsaturated.

NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Trichloroethylene (TCE) Screening Level is 0.00026647 mg/kg for Saturated and 0.004405987 mg/kg for Unsaturated.



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**TRICHLOROETHYLENE (TCE)
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FIG. B-17b



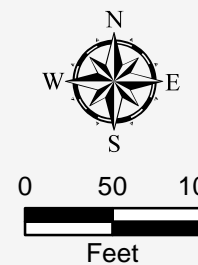
LEGEND

Sample Location

- 2001-2003
- 2004-2006
- 2007-2009
- 2011-Fall
- 2019-Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level



NOTE
 Screening against Ecology Preliminary
 Cleanup Levels, 2017.
 For Trichloroethylene (TCE) In Groundwater Screening Level Is 0.7 ug/L

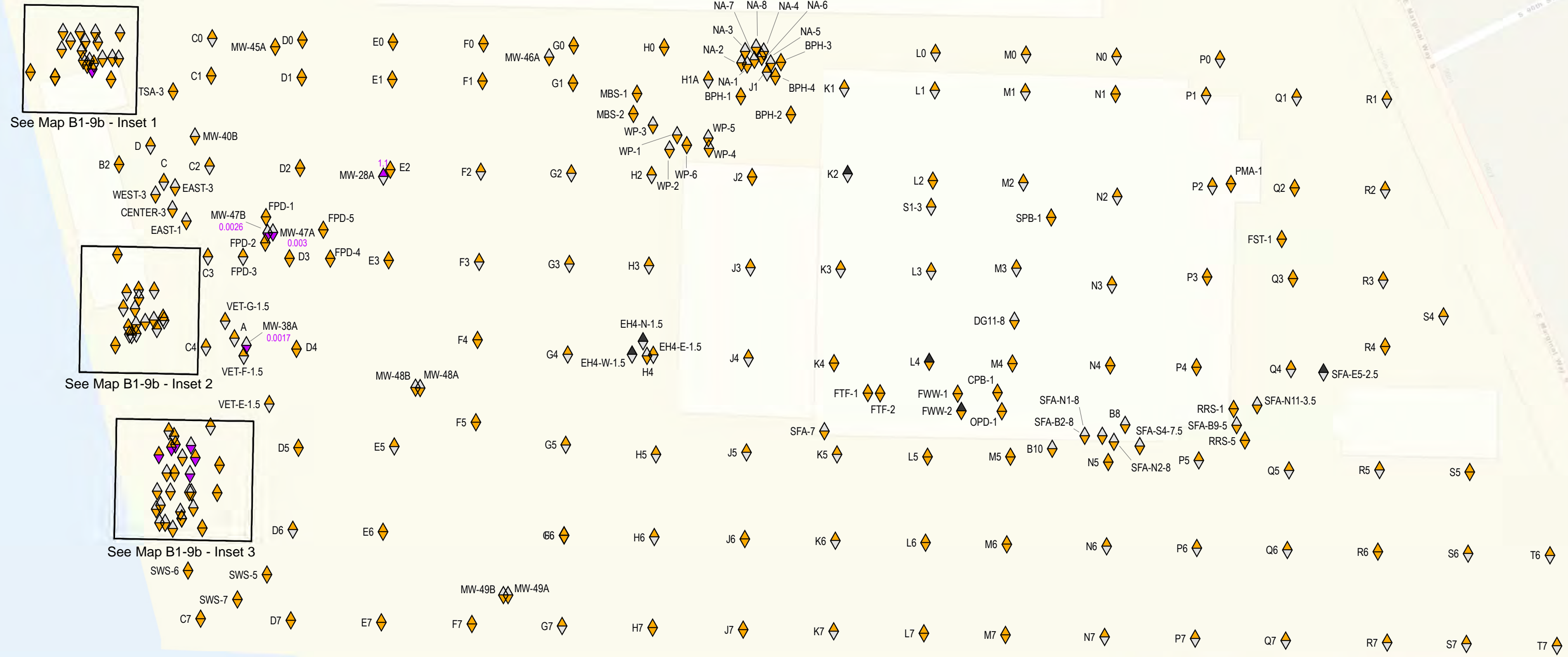
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**TRICHLOROETHYLENE (TCE)
 IN GROUNDWATER**

June 2019 21-1-12567-014

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FIG. B-18



LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

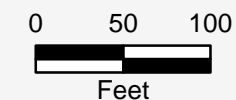
EXAMPLE
 MW-38A



*Sample Location is MW-38A.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.0017 mg/kg for Saturated.*

NOTE

Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Vinyl chloride Screening Level is 0.000054948 mg/kg for Saturated and 0.001038744 mg/kg for Unsaturated.



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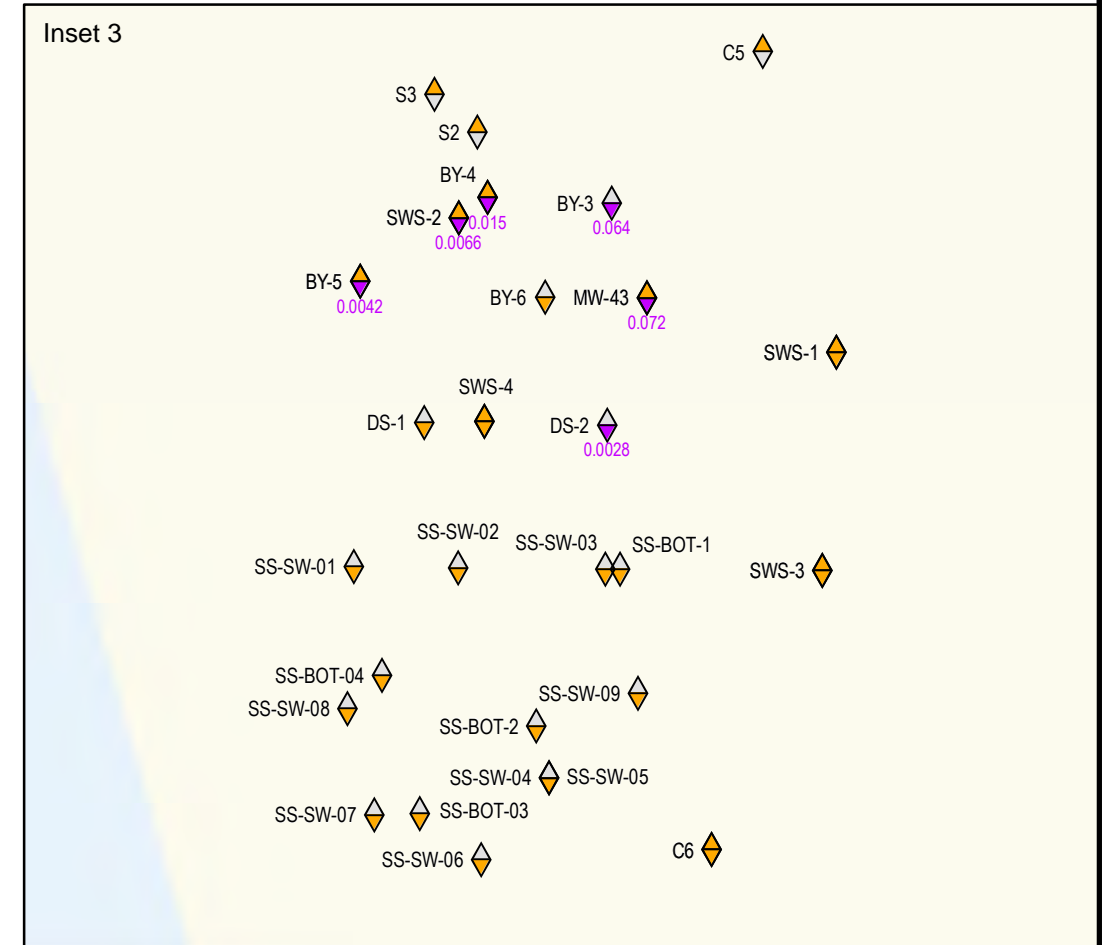
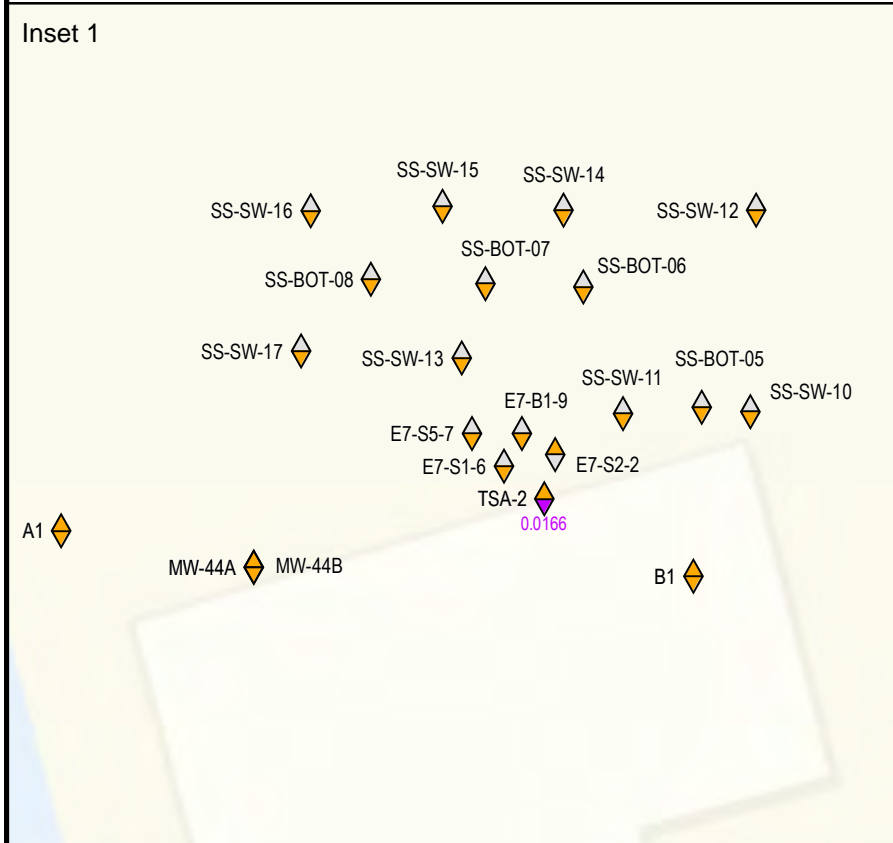
**VINYL CHLORIDE
 IN SOIL**

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FIG. B-19a



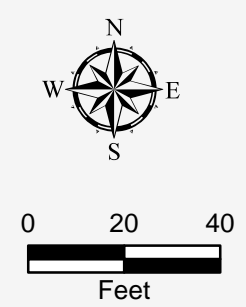
LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE
 BY-3
 0.064
*Sample Location is BY-3.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.064 mg/kg for Saturated.*

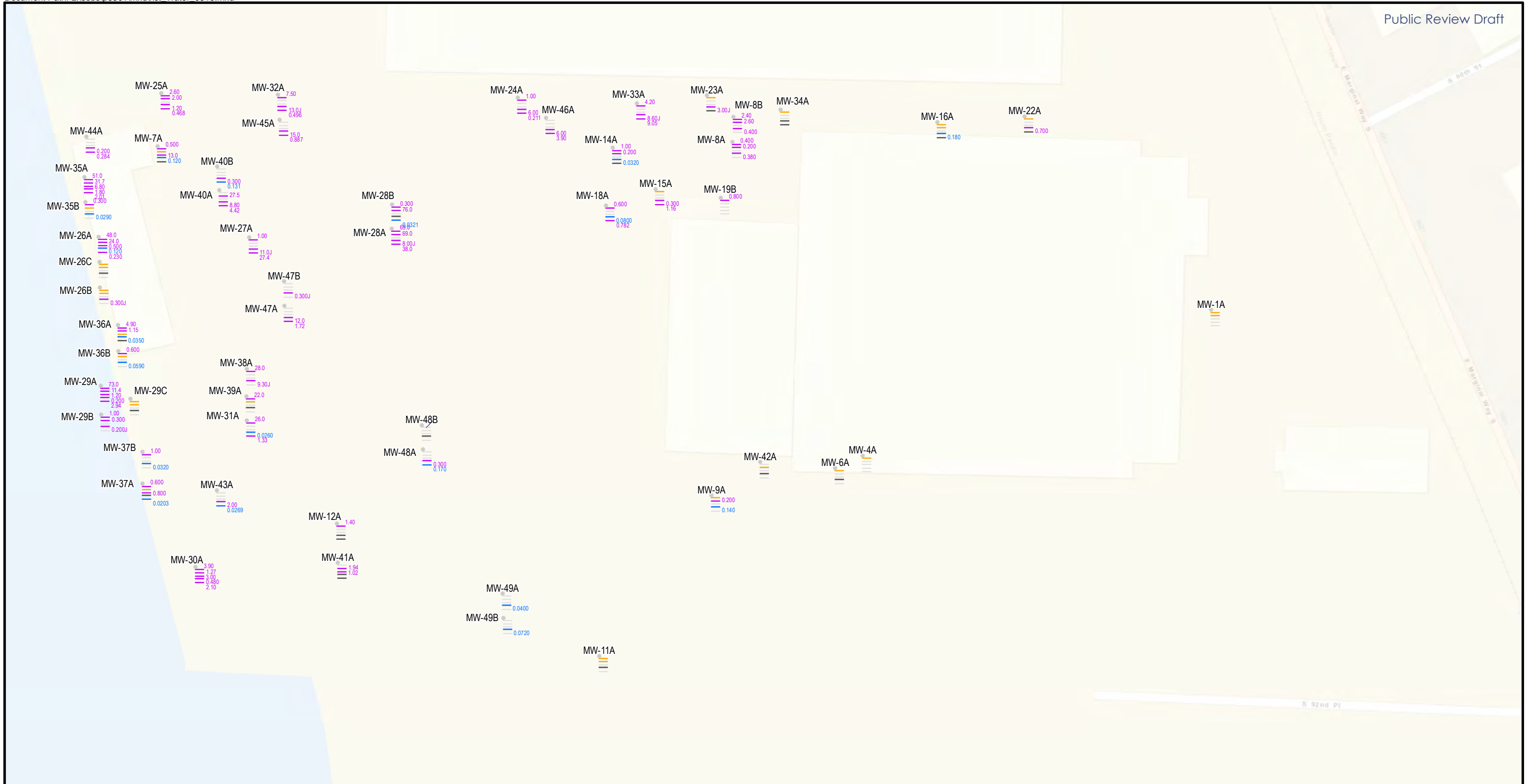
NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2018.
 In Soil For Vinyl chloride Screening Level is 0.000054948 mg/kg for Saturated and 0.001038744 mg/kg for Unsaturated.



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**VINYL CHLORIDE
 IN SOIL**

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LEGEND

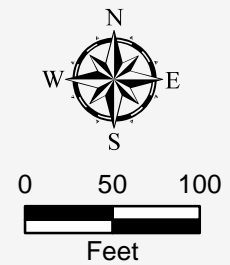
Sample Location

- 2001-2003
- 2004-2006
- 2007-2009
- 2011-Fall
- 2019-Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - No Exceedance
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against Ecology Preliminary Cleanup Levels, 2017.
 For Vinyl chloride In Groundwater Screening Level Is 0.18 ug/L



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**VINYL CHLORIDE
 IN GROUNDWATER**

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Appendix C

Air Exposure Calculations and BIOCHLOR Input Data

Table C-1 - Hazard Quotient Summation for Protection of Indoor Air

Chemical	Remediation Levels for Groundwater (µg/L)	Vapor Concentration (generated from Johnson & Ettinger Model, 2017) (µg/m ³)	Method B Indoor Air Concentration (µg/m ³)	Cancer Risk Associated with Groundwater Level	Hazard Quotient Associated with Groundwater Level
Tetrachloroethene	5	0.056	9.62	1.20E-09	1.40E-03
Trichloroethene	5	0.045	0.37	1.82E-07	2.77E-02
cis 1,2-Dichloroethene	130	0.67	--	0	--
1,1-Dichloroethene	700	23	91.4	0	8.00E-02
Vinyl Chloride	2.8	0.13	0.28	5.30E-07	1.28E-03
Total				7.13E-07	0.027595

NOTE:

µg/L = micrograms per liter; ug/m³ = micrograms per meter cubed

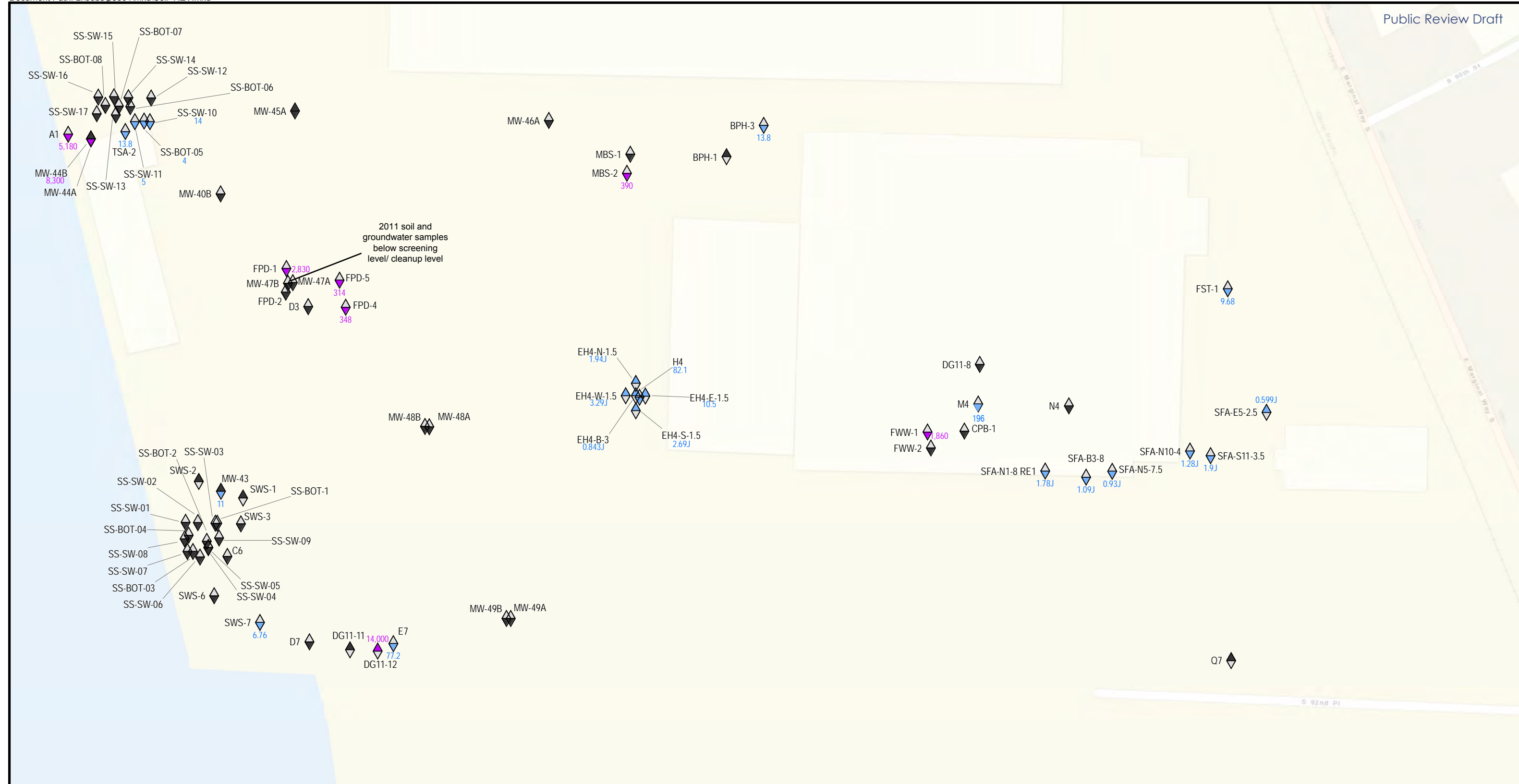
TABLE C-2
AMEC BIOCHLOR Model Input Parameters
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Parameter	Value	Unit	Reference	
Hydraulic Conductivity	1.20E-02	cm/sec	GeoEngineers 1995	
Hydraulic Gradient	0.0017	ft/ft	GeoEngineers 1995	
Effective Porosity	0.2	-	GeoEngineers 1995 - Porosity of 0.20 reported	
Dispersion	varies	ft	Calculated for each travel distance to riverbank (Xu and Eckstein module in BIOCHLOR)	
Soil Bulk Density	1.6	kg/L	Estimate	
Fraction Organic Carbon	0.001		WA Department of Ecology	
Partition Coefficients	PCE	107	L/kg	
	TCE	68	L/kg	
	DCE	44	L/kg	
	VC	24	L/kg	
Biotransformation Decay Coefficients	λ		Site-wide values estimated from constituent-specific half-life ($t_{1/2}$) calculations and BIOCHLOR λ Help reference module	
	Selected λ		MW-14A λ (1/yr) MW-28A λ (1/yr) BIOCHLOR-suggested λ (1/yr)	
	PCE	0.462	1/yr	- - <0.8
	TCE	0.173	1/yr	0.11 0.257 <0.3
	DCE	0.099	1/yr	0.289 0.11 <0.1
	VC	0.385	1/yr	0.866 - <0.4
	λ			Site-wide values estimated from constituent-specific half-life ($t_{1/2}$) calculations and BIOCHLOR λ Help reference module
	Selected $t_{1/2}$ (yr)			MW-14A $t_{1/2}$ (yr) MW-28A $t_{1/2}$ (yr) BIOCHLOR-suggested $t_{1/2}$ (yr)
	PCE			1.5 - - >~0.87
	TCE			4 6.3 2.7 >~2.35
DCE			7 2.4 6.3 >~6.9	
VC			1.8 0.8 - >~1.75	
Modeled Area Width	200	ft	Estimated	
Modeled Area Length	varies		Based on travel distance from sources to Duwamish	
Source Thickness	35	ft	GeoEngineers 1995	
Source Width	120	ft	Estimated from plume map	
Source Decay Constant (Ks)	varies		Estimated at each monitoring well source from historical groundwater VOC data (1997-2006)	
	@MW-8A	0.139	1/yr	Based upon rate at MW-14A
	@MW-14A	0.139	1/yr	Estimated from Total VOC concentrations at MW-14A versus time
	@MW-28A	0.27	1/yr	Estimated from Total VOC concentrations at MW-28A versus time
Initial Source Concentration	varies	$\mu\text{g/L}$	Highest 2006 values at each source area, or use known soil concentrations from 2002/2004 to calculate partition levels; assume ~25% of 1,1,1-TCA at MW-14A abiotically transforms to 1,1-DCE	
Post-Remediation Source Concentration	varies	$\mu\text{g/L}$	Iterative estimation of source remediation goals to produce acceptable water at riverbank	

APPENDIX D: CHEMICALS SCREENED AGAINST PROPOSED CLEANUP LEVELS

Appendix D

Chemicals Screened Against Proposed Cleanup Levels



LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

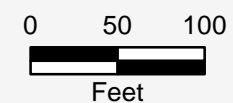
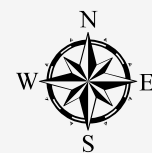
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE

FPD-5
 314

*Sample Location is FPD-5.
Sample analyzed and detected greater than screening level.
Sample result is 314 mg/kg for Unsaturated.*

NOTE
Screening against project proposed cleanup level.
Gasoline-Range Hydrocarbons cleanup level in soil is 250 mg/kg.



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**GASOLINE RANGE
HYDROCARBONS IN SOIL**

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FIG. D-1



LEGEND

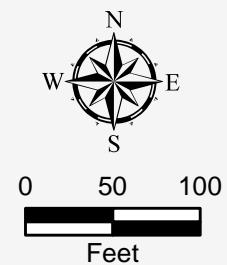
Sample Location

2019 - Winter
 2002 - Spring
 2004 - Spring
 2006 - Spring
 2006 - Spring*
 2006 - Fall
 2011 - Fall

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against project proposed cleanup level.
 Gasoline range hydrocarbons cleanup level in groundwater is 1,000 ug/L.



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**GASOLINE RANGE HYDROCARBONS
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FIG. D-2



LEGEND

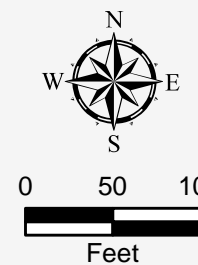
Sample Location

- 2019 - Winter
- 2002 - Spring
- 2004 - Spring
- 2006 - Spring
- 2006 - Spring*
- 2006 - Fall
- 2011 - Fall

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
Screening against project proposed cleanup level. Diesel range hydrocarbons cleanup level in groundwater is 500 ug/L.



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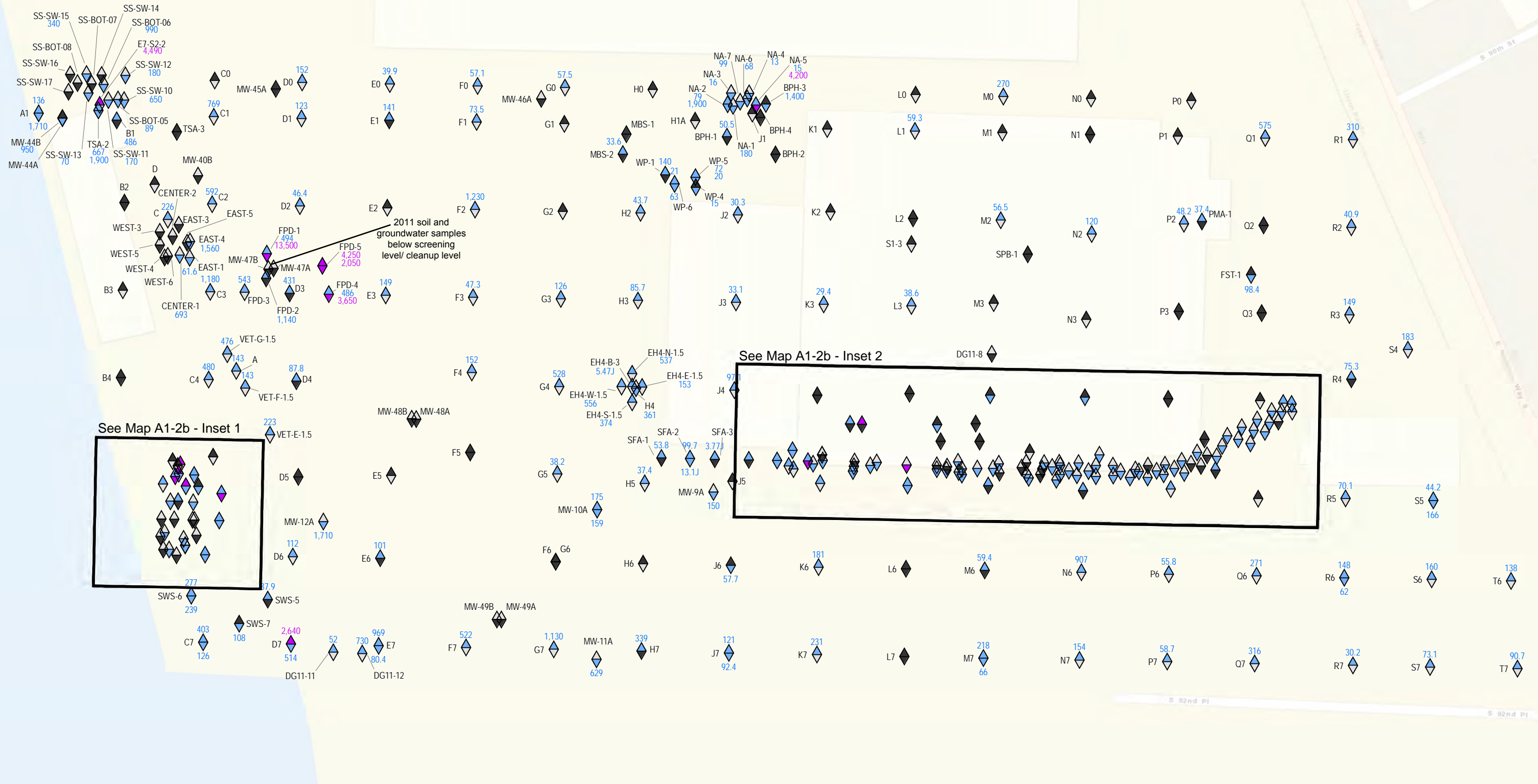
**DIESEL RANGE HYDROCARBONS
IN GROUNDWATER**

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FIG. D-3



LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

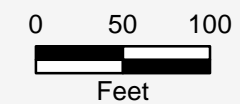
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE

E7-S2-2

4,490

Sample Location is E7-S2-2.
Sample analyzed and detected greater than screening level.
Sample result is 4,490 mg/kg for Unsaturated.



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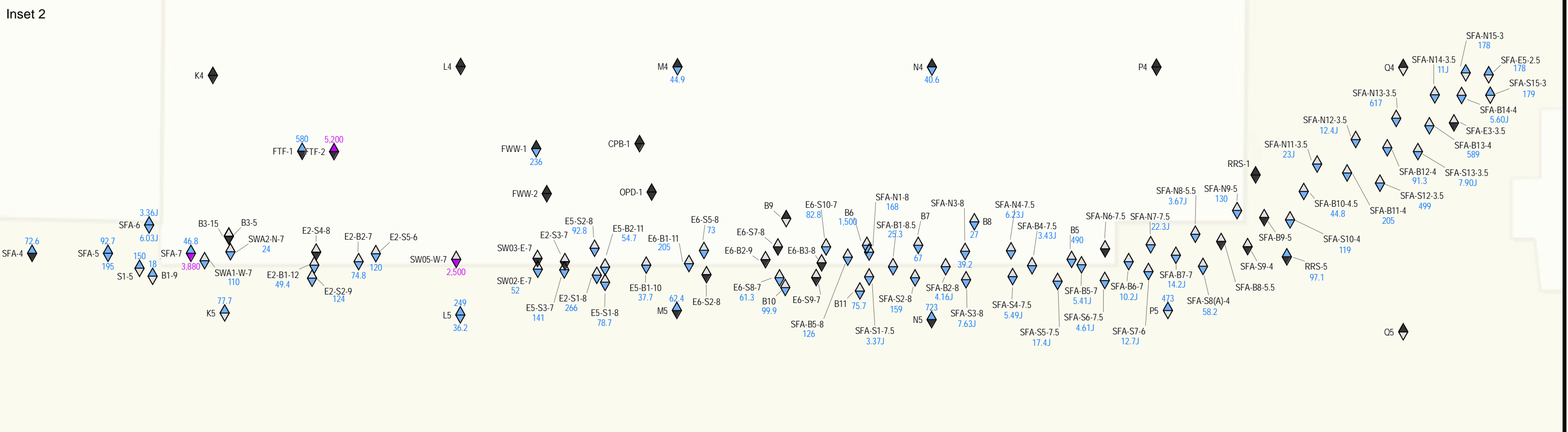
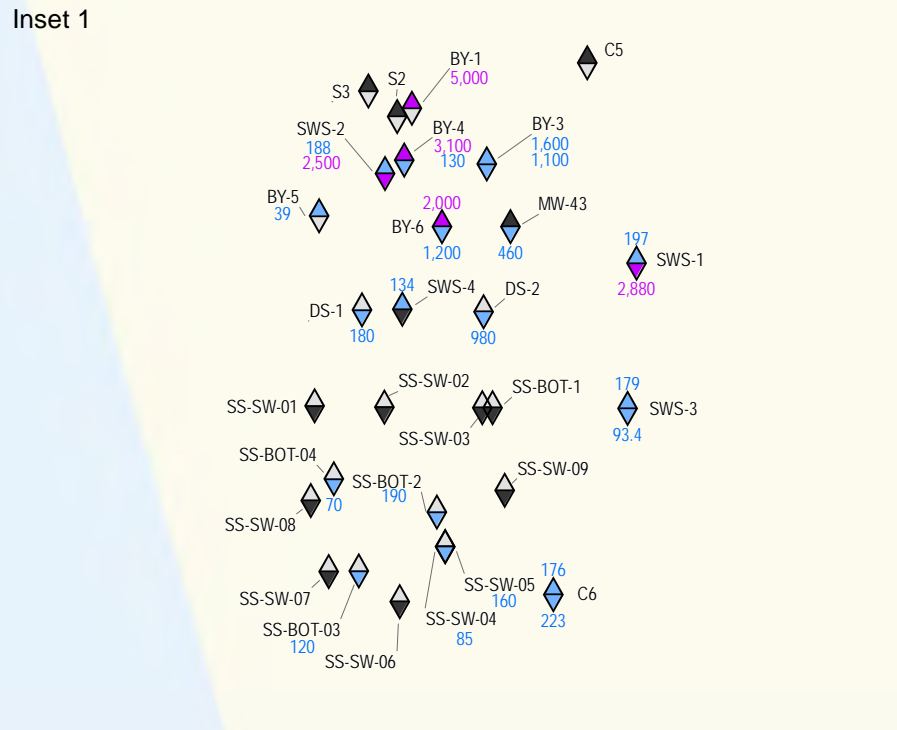
**OIL RANGE HYDROCARBONS
IN SOIL**

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




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FIG. D-4a



LEGEND

Sample Location
 Unsaturated  Surface to 3 feet
 Saturated 

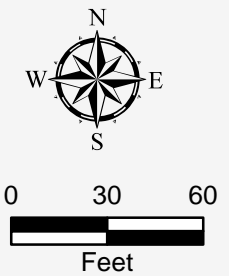
-  Not Analyzed
-  Analyzed - Not Detected
-  Analyzed - Detected At or Below Screening Level
-  Analyzed - Not Detected and Detection Limit Greater Than Screening Level
-  Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is BY-1.
 Sample analyzed and detected greater than screening level.
 Sample result is 5,000 mg/kg for Unsaturated.

NOTE
 Screening against project proposed cleanup level. Oil-Range Hydrocarbons cleanup level in soil is 2,000 mg/kg.



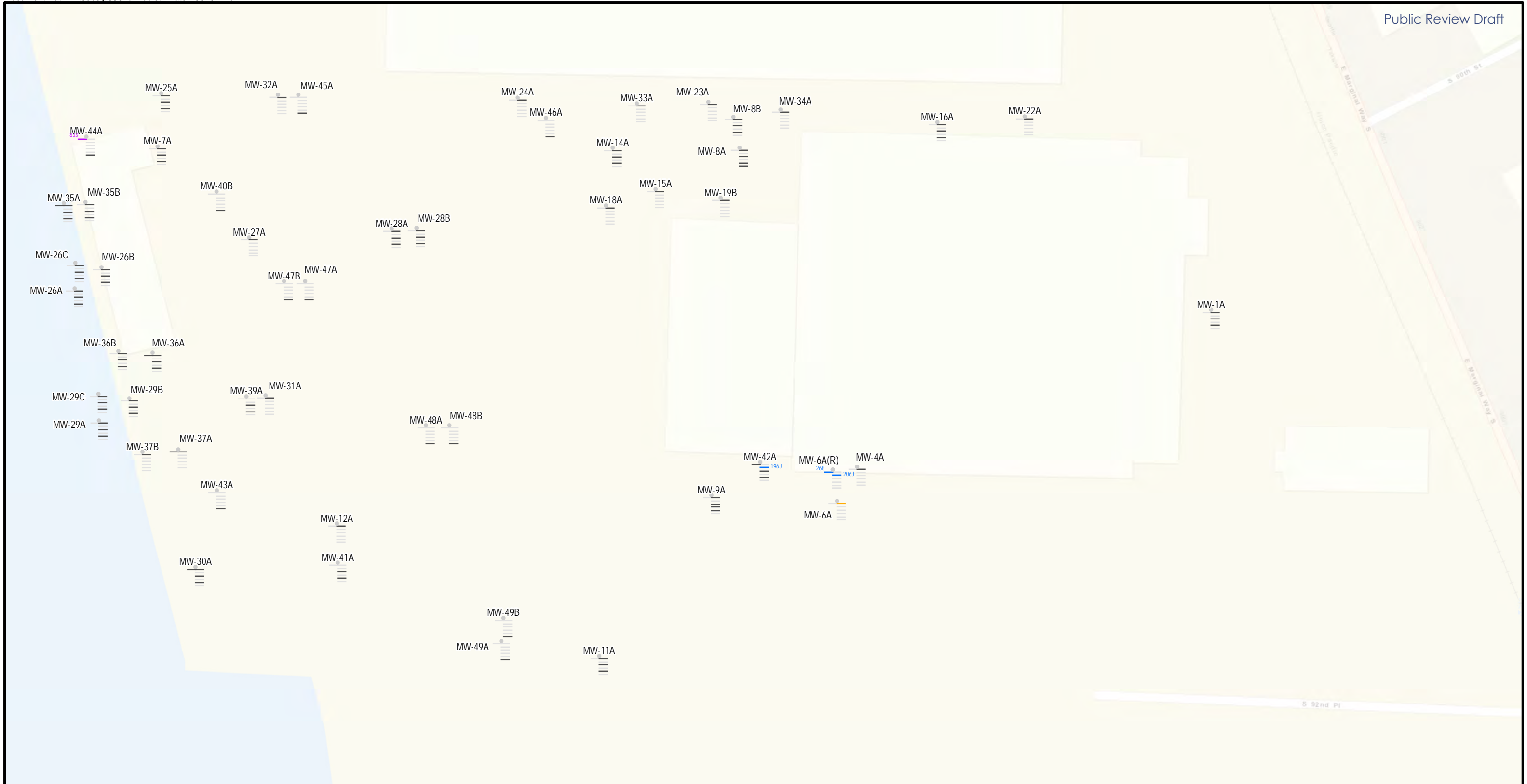
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**OIL RANGE HYDROCARBON
 IN SOIL**

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FIG. D-4b



LEGEND

Sample Location

2019- Winter 2002 - Spring
 2004 - Spring
 2006 - Spring
 2006 - Spring*
 2006 - Fall
 2011 - Fall

Sample - Date

— Not Analyzed

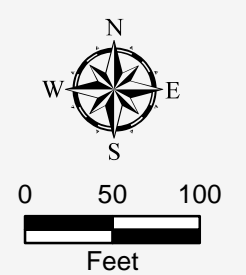
— Analyzed - Not Detected

— Analyzed - Detected At or Below Screening Level

— Analyzed - Not Detected and Detection Limit Greater Than Screening Level

— Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against project proposed cleanup level. Oil range hydrocarbons cleanup level in groundwater is 500 ug/L.



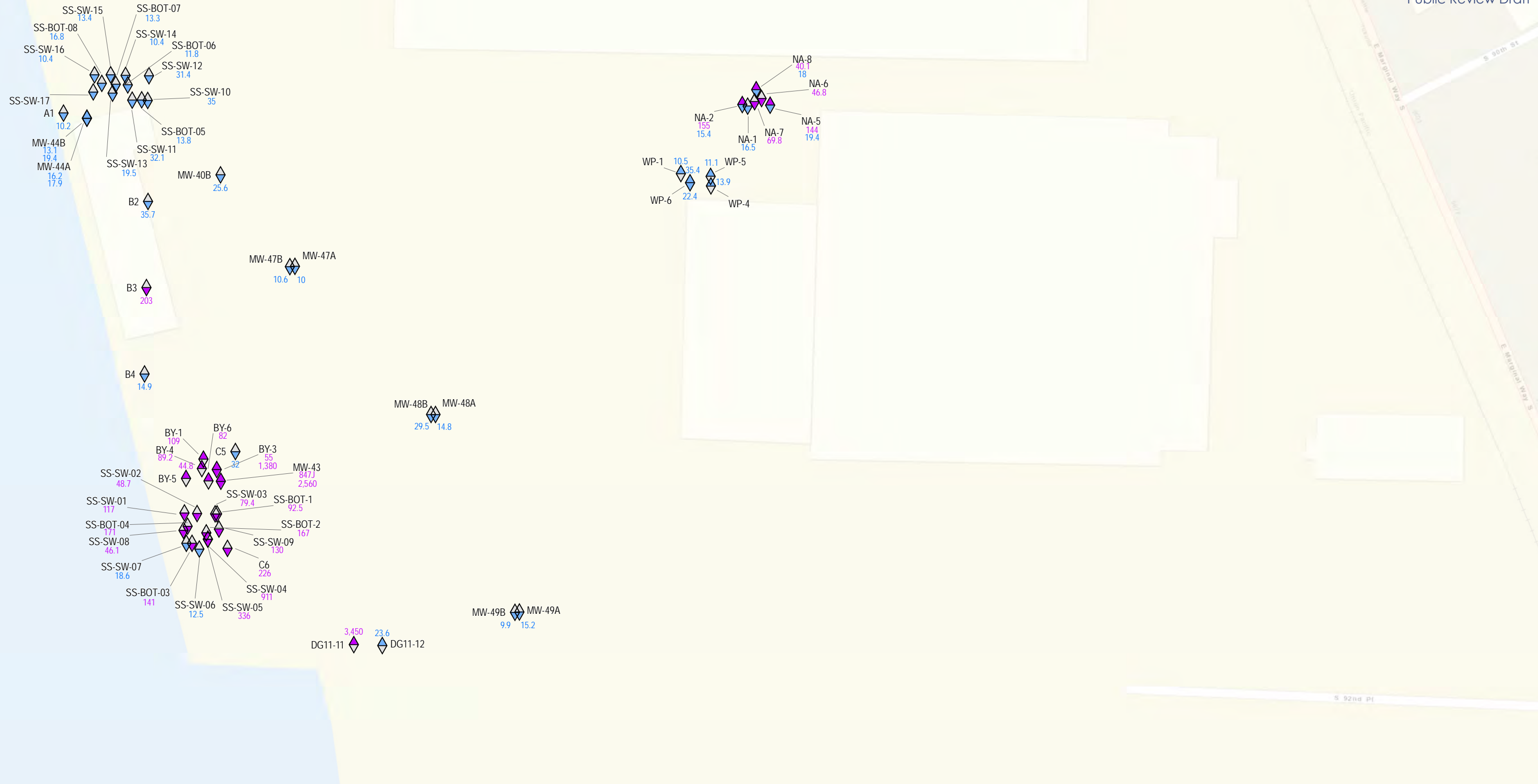
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**OIL RANGE HYDROCARBONS
 IN GROUNDWATER**

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




FIG. D-5



LEGEND

Sample Location

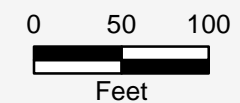
Unsaturated  Surface to 3 feet
Saturated 

-  Not Analyzed
-  Analyzed - Not Detected
-  Analyzed - Detected At or Below Screening Level
-  Analyzed - Not Detected and Detection Limit Greater Than Screening Level
-  Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is B3.
Sample analyzed and detected greater than screening level.
Sample result is 203 mg/kg for Saturated.



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**COPPER
IN SOIL**

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FIG. D-6



LEGEND

Sample Location

Dissolved

2002 - Spring

2006 - Spring

2006 - Fall

2011 - Fall

2019 - Winter

Total

Sample - Date

Not Analyzed

Analyzed - Not Detected

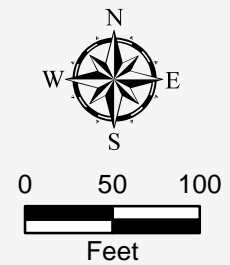
Analyzed - Detected At or Below Screening Level

Analyzed - Not Detected and Detection Limit Greater Than Screening Level

Analyzed - Detected Greater Than Screening Level

NOTE

Screening against project proposed cleanup level. Copper cleanup level in groundwater is 8 ug/L.



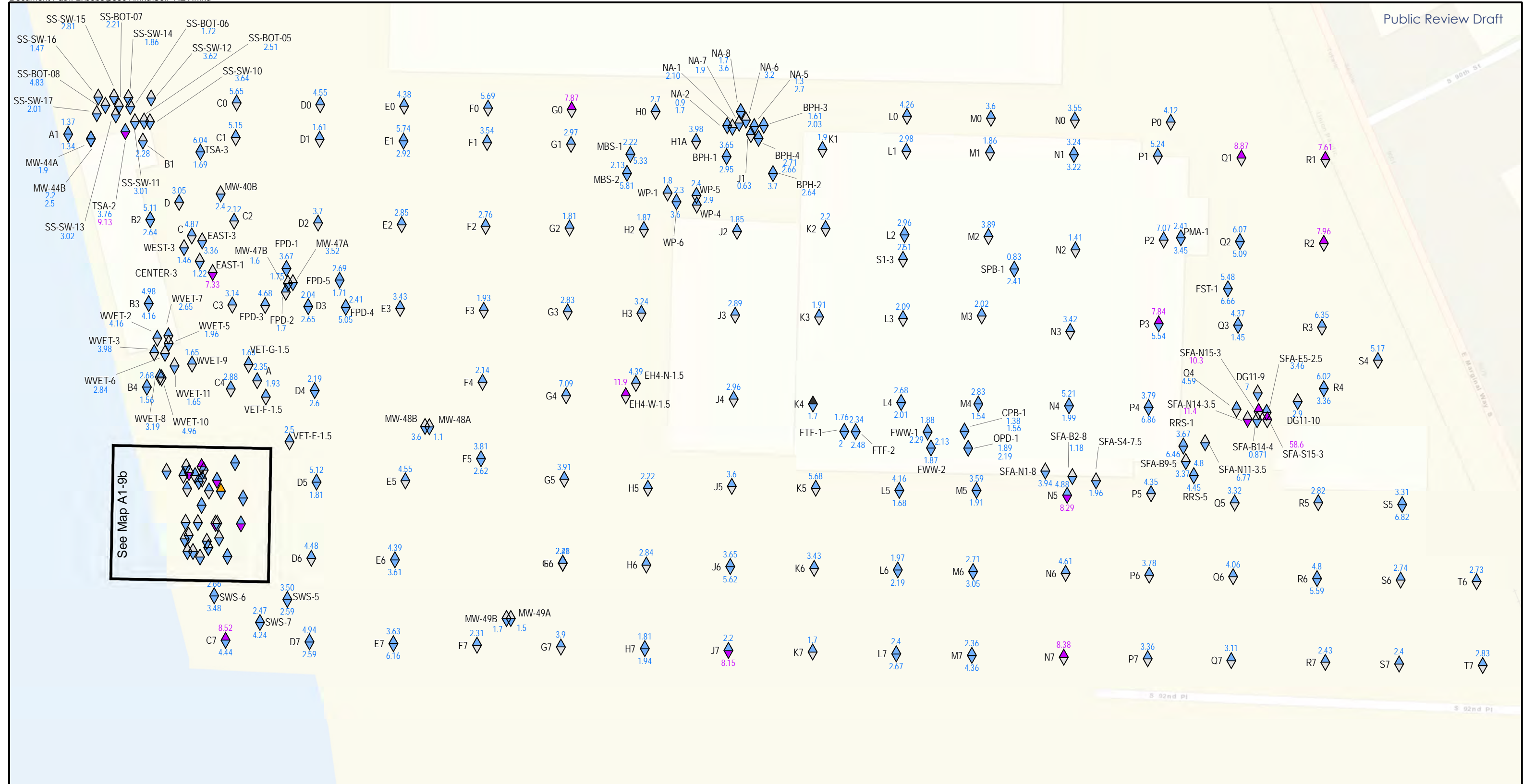
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**COPPER
IN GROUNDWATER**

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FIG. D-7



LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

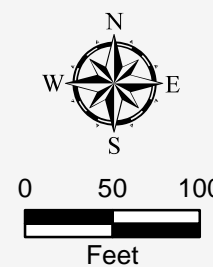
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is G0.
Sample analyzed and detected greater than screening level.
Sample result is 7.87 mg/kg for Unsaturated.

NOTE
Screening against project proposed cleanup level.
Arsenic cleanup level in soil is 7.3 mg/kg.



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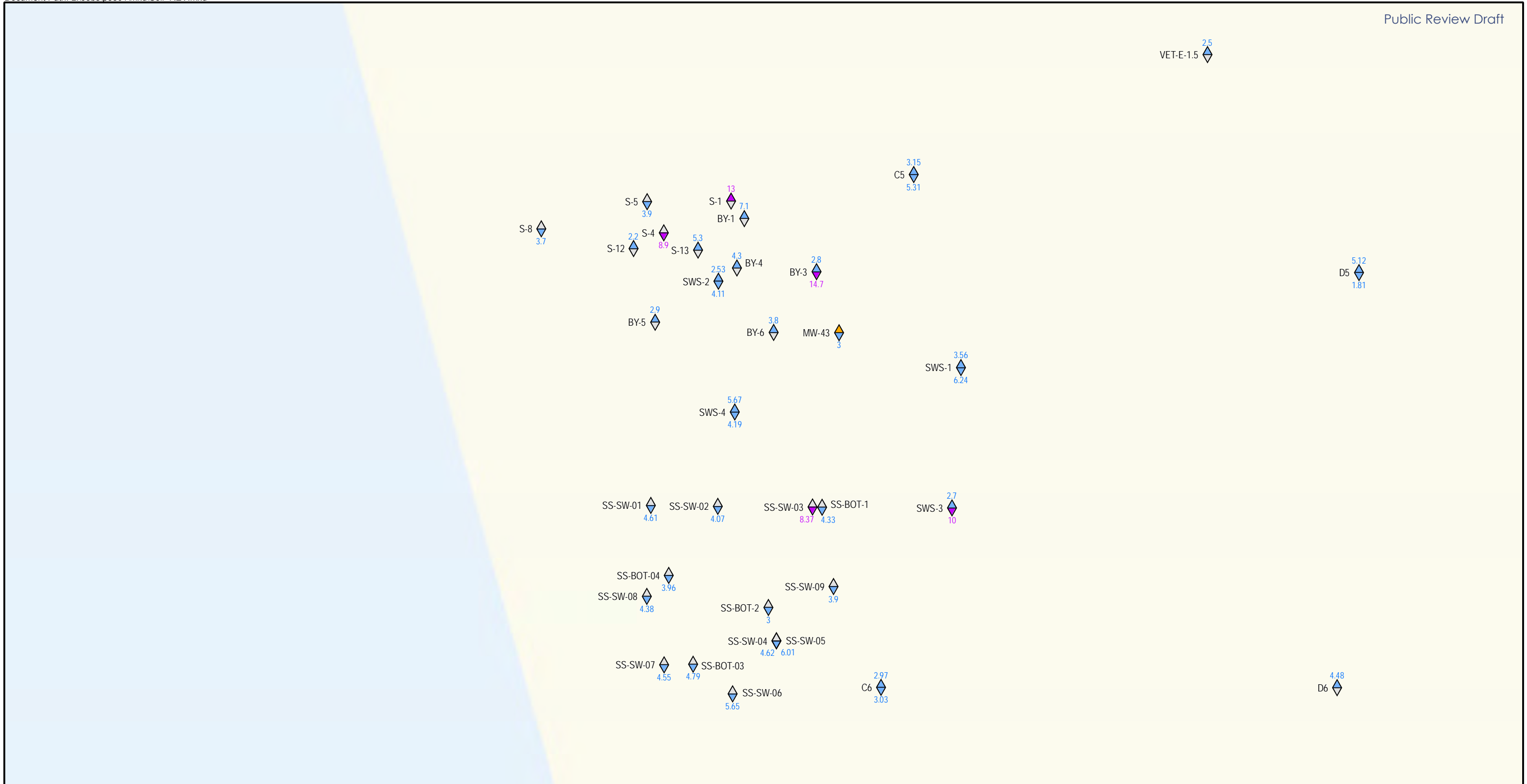
ARSENIC IN SOIL

June 2019

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FIG. D-8a



LEGEND

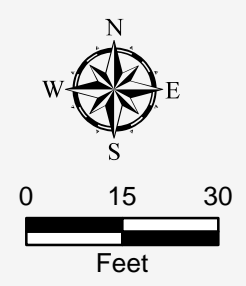
- Sample Location**
- Unsat. Surface to 3 feet
 - Sat.
- Not Analyzed
 - Analyzed - Not Detected
 - Analyzed - Detected At or Below Screening Level
 - Analyzed - Not Detected and Detection Limit Greater Than Screening Level
 - Analyzed - Detected Greater Than Screening Level

EXAMPLE

S-1
 13

*Sample Location is S-1.
 Sample analyzed and detected greater than screening level.
 Sample result is 13 mg/kg for Unsat.*

NOTE
 Screening against project proposed cleanup level.
 Arsenic cleanup level in soil is 7.3 mg/kg.



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ARSENIC IN SOIL

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LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

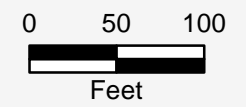
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE

BY-5 0.32

*Sample Location is BY-5.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.32 mg/kg for Unsaturated.*

NOTE
 Screening against project proposed cleanup level.
 Bis(2-ethylhexyl)phthalate cleanup level in soil is 0.12 mg/kg.



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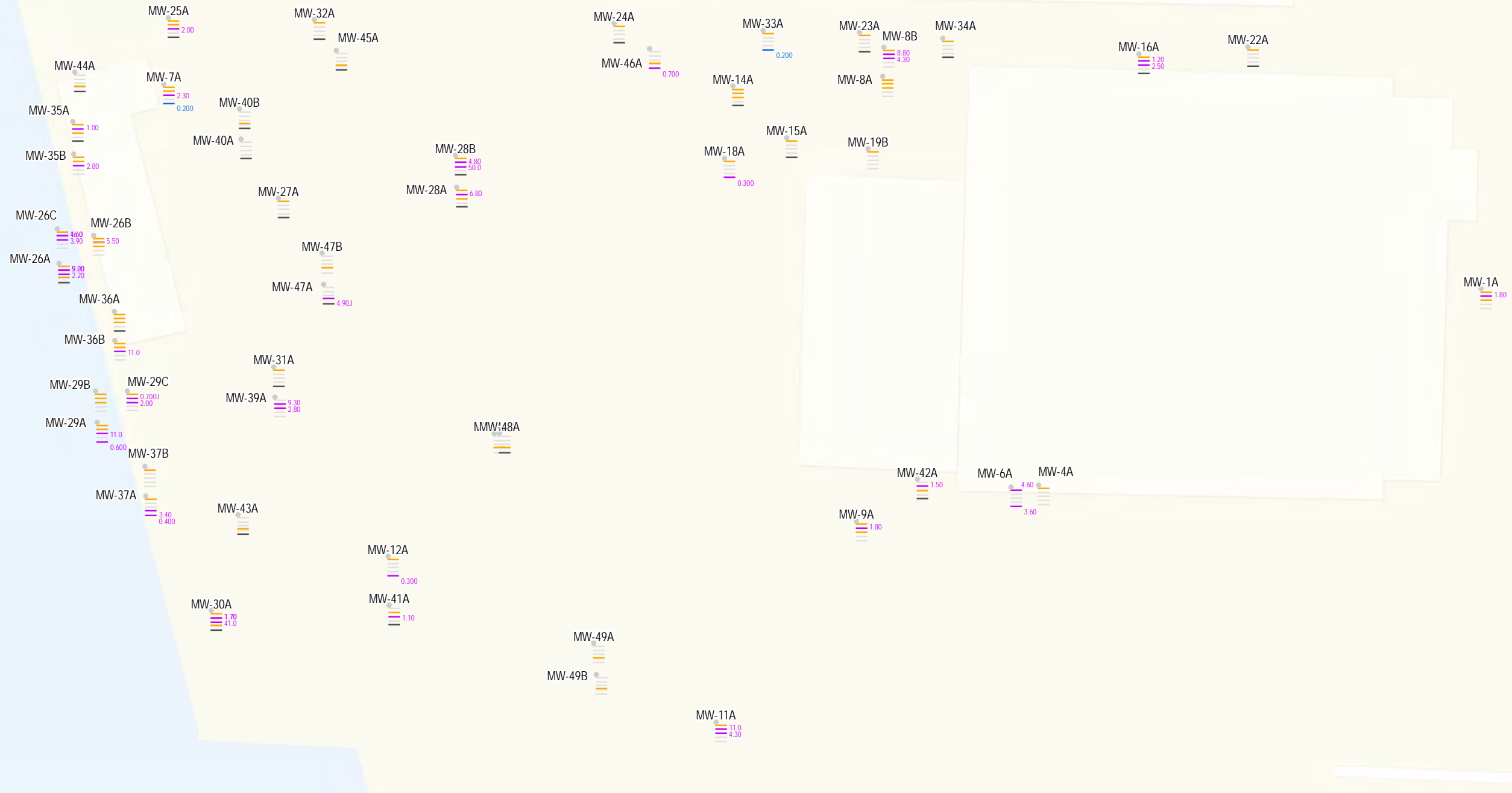
**BIS(2-ETHYLHEXYL) PHTHALATE
 IN SOIL**

June 2019

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FIG. D-9



LEGEND

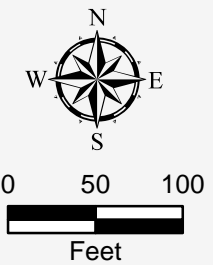
Sample Location

- 2002 - Spring
- 2004 - Spring
- 2006 - Spring
- 2006 - Fall
- 2011 - Fall
- 2019 - Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

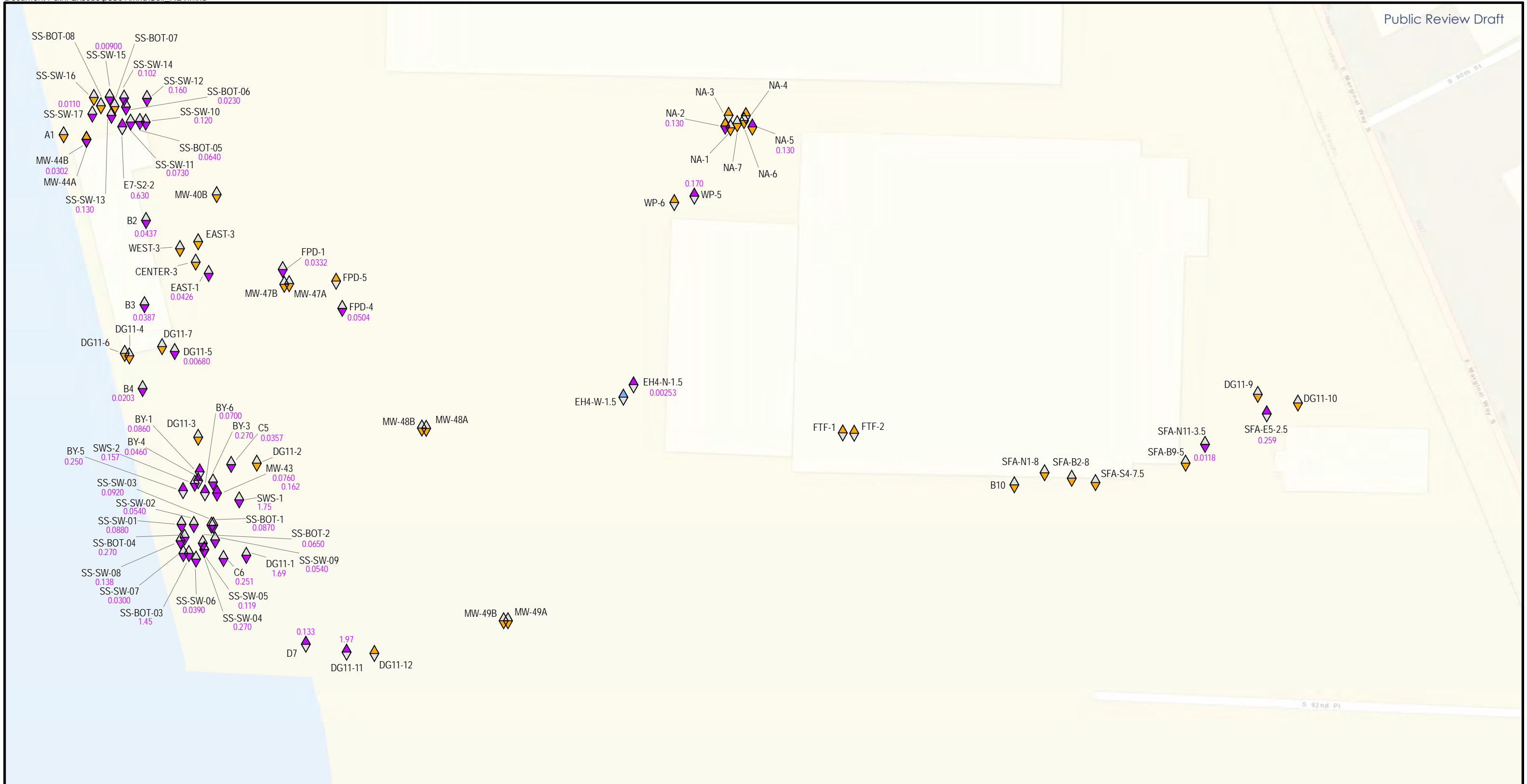
NOTE
 Screening against project proposed cleanup level.
 Bis(2-ethylhexyl) Phthalate cleanup level
 in groundwater is 0.2 ug/L.



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**BIS(2-ETHYLHEXYL) PHTHALATE
IN GROUNDWATER**

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LEGEND

Sample Location

Unsaturated Surface to 3 feet
Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

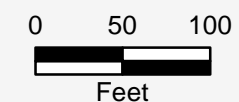
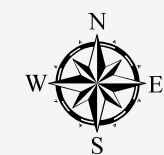
EXAMPLE

EH4-N-1.5
 0.00253

*Sample Location is EH4-N-1.5.
Sample analyzed and detected greater than screening level.
Sample result is 0.00253 mg/kg for Unsaturated.*

NOTE

Screening against project proposed cleanup level.
Total PCB aroclors cleanup level in soil is 0.002 mg/kg.



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**TOTAL PCB AROCLORS
IN SOIL**

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FIG. D-11



LEGEND

Sample Location

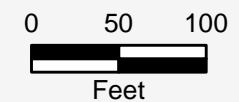
- 2002 - Spring
- 2004 - Spring
- 2006 - Spring
- 2006 - Fall
- 2011 - Fall
- 2019 - Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE

Screening against project proposed cleanup level. Total PCB aroclors in groundwater is 0.001 ug/L.

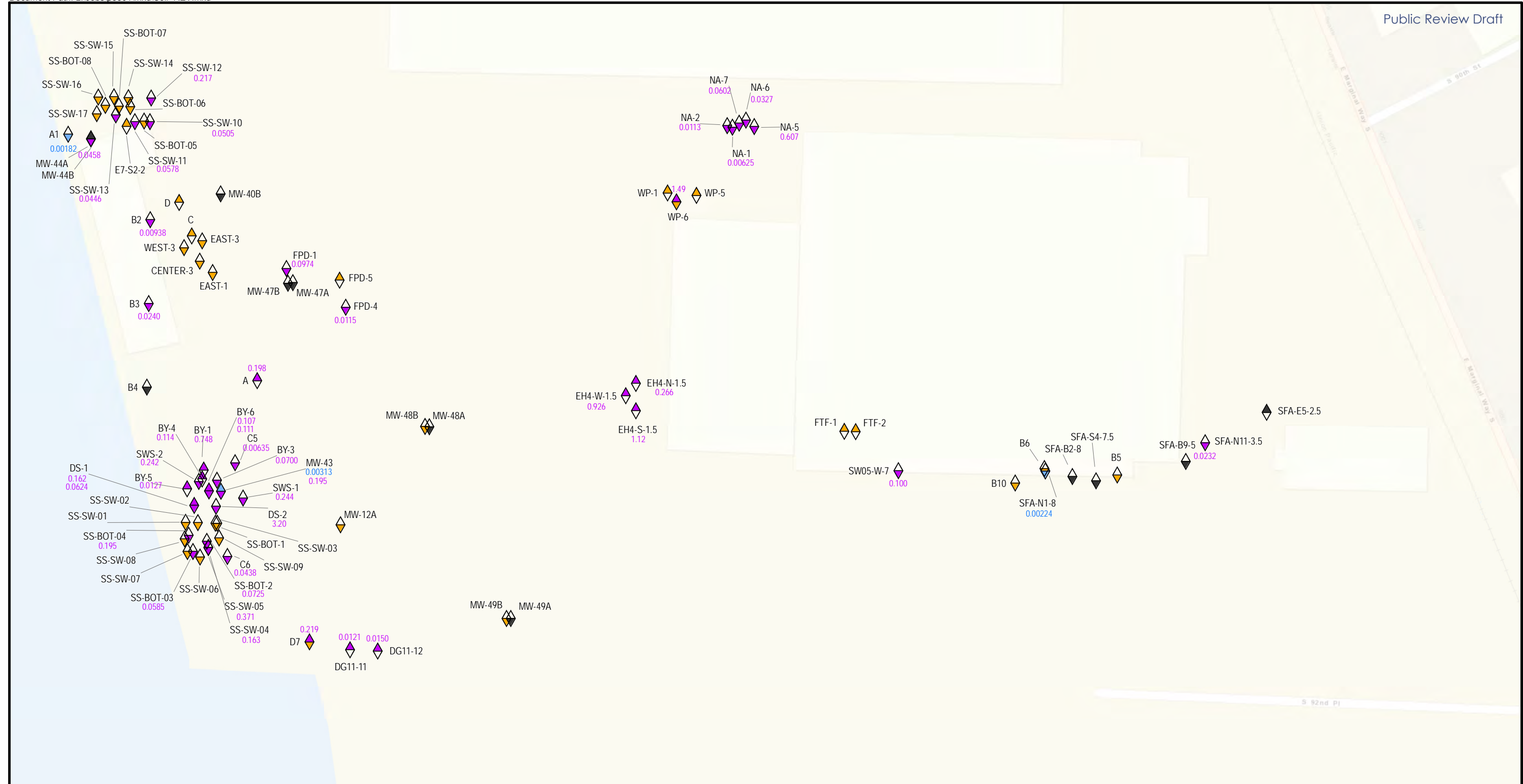


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




**TOTAL PCB AROCLORS
IN GROUNDWATER**


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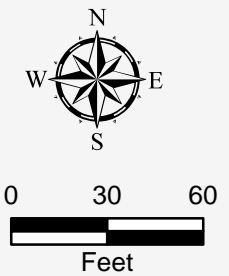
LEGEND

- Sample Location**
- Unsaturated  Surface to 3 feet
 - Saturated 
-  Not Analyzed
 -  Analyzed - Not Detected
 -  Analyzed - Detected At or Below Screening Level
 -  Analyzed - Not Detected and Detection Limit Greater Than Screening Level
 -  Analyzed - Detected Greater Than Screening Level

EXAMPLE
 MW-43
 0.00313

*Sample Location is MW-43.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.00313 mg/kg for Unsaturated.*

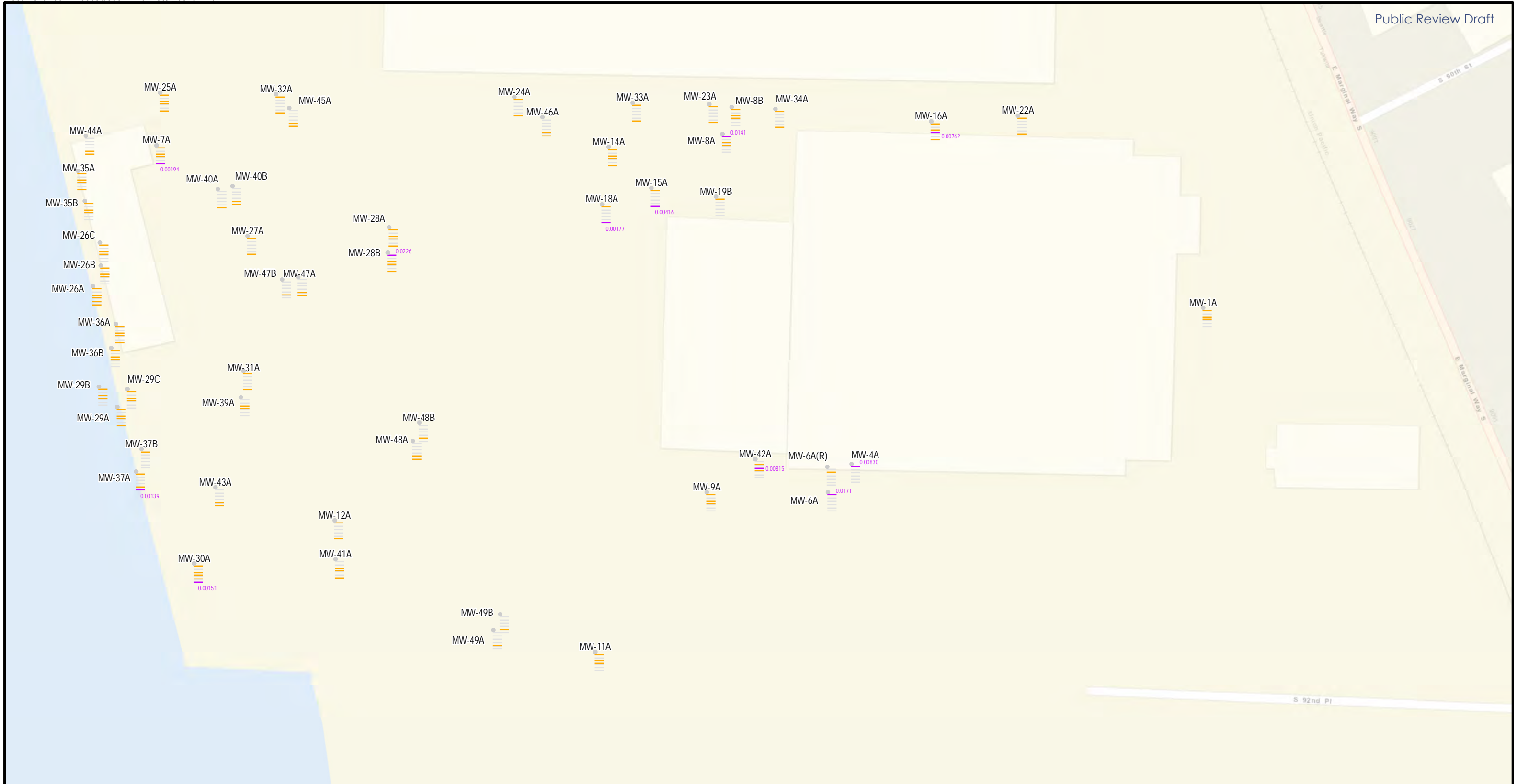
NOTE
 Screening against project proposed cleanup level.
 Total CPAH TEQ cleanup level in soil is 0.005 mg/kg.



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**TOTAL CPAH TEQ
 IN SOIL**

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LEGEND

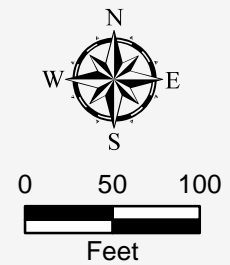
Sample Location

- 2002 - Spring
- 2004 - Spring
- 2006 - Spring
- 2006 - Fall
- 2011 - Fall
- 2019 - Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

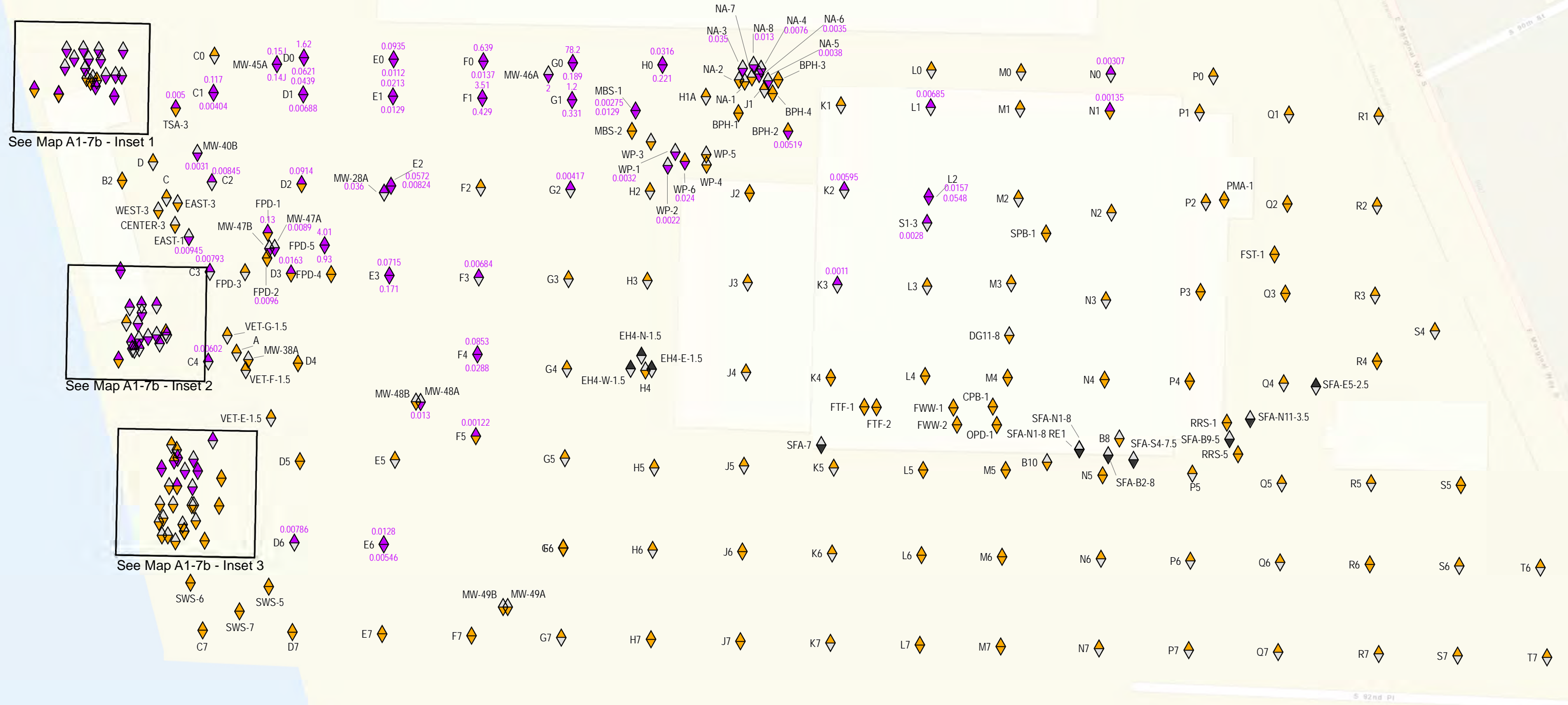
NOTE
 Screening against project proposed cleanup level.
 Total cPAH TEQ cleanup level in groundwater is 0.001 ug/L



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**TOTAL CPAH TEQ
 IN GROUNDWATER**

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LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

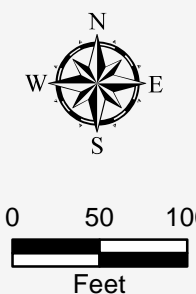
- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE



Sample Location is F3.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.00684 mg/kg for Unsaturated.

NOTE
 Screening against project proposed cleanup level.
 Trichloroethylene cleanup level in soil is 0.001 mg/kg.



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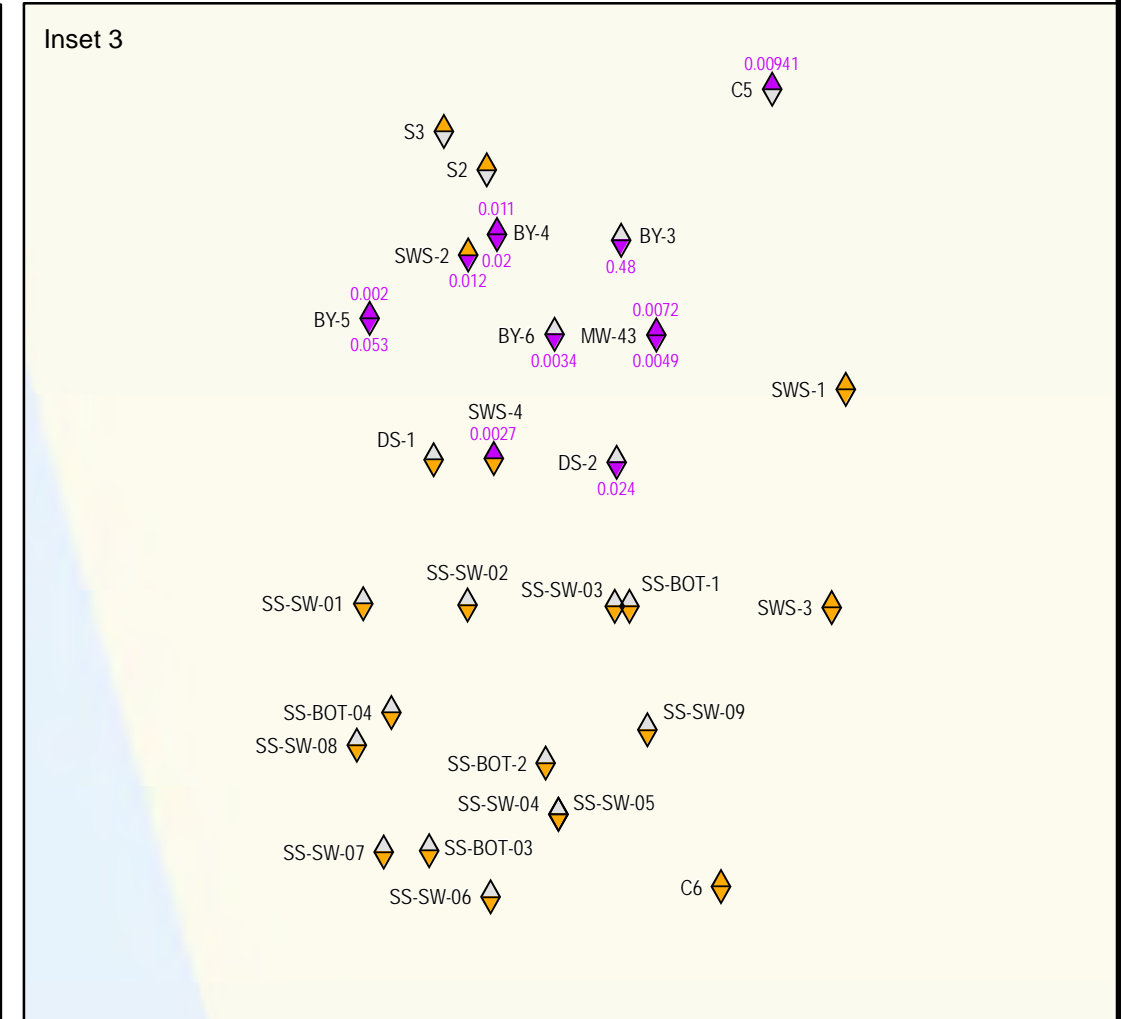
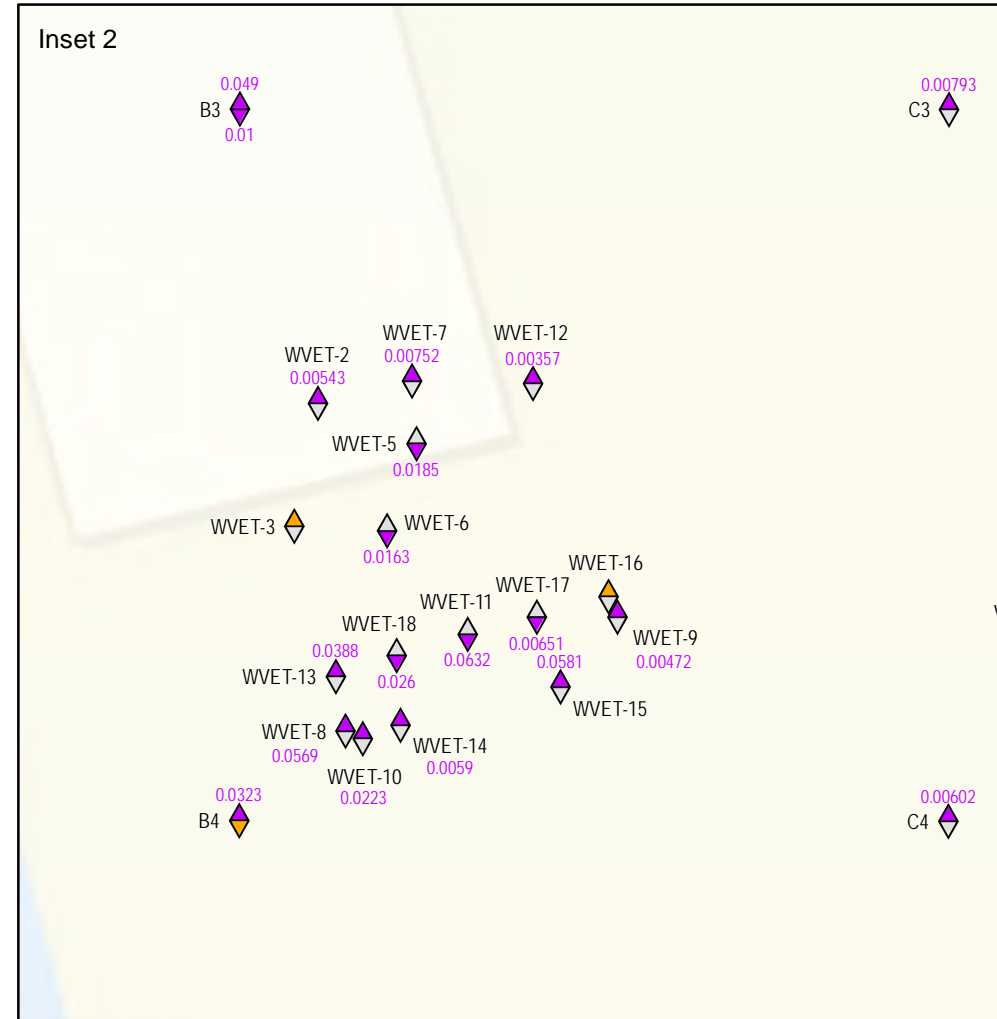
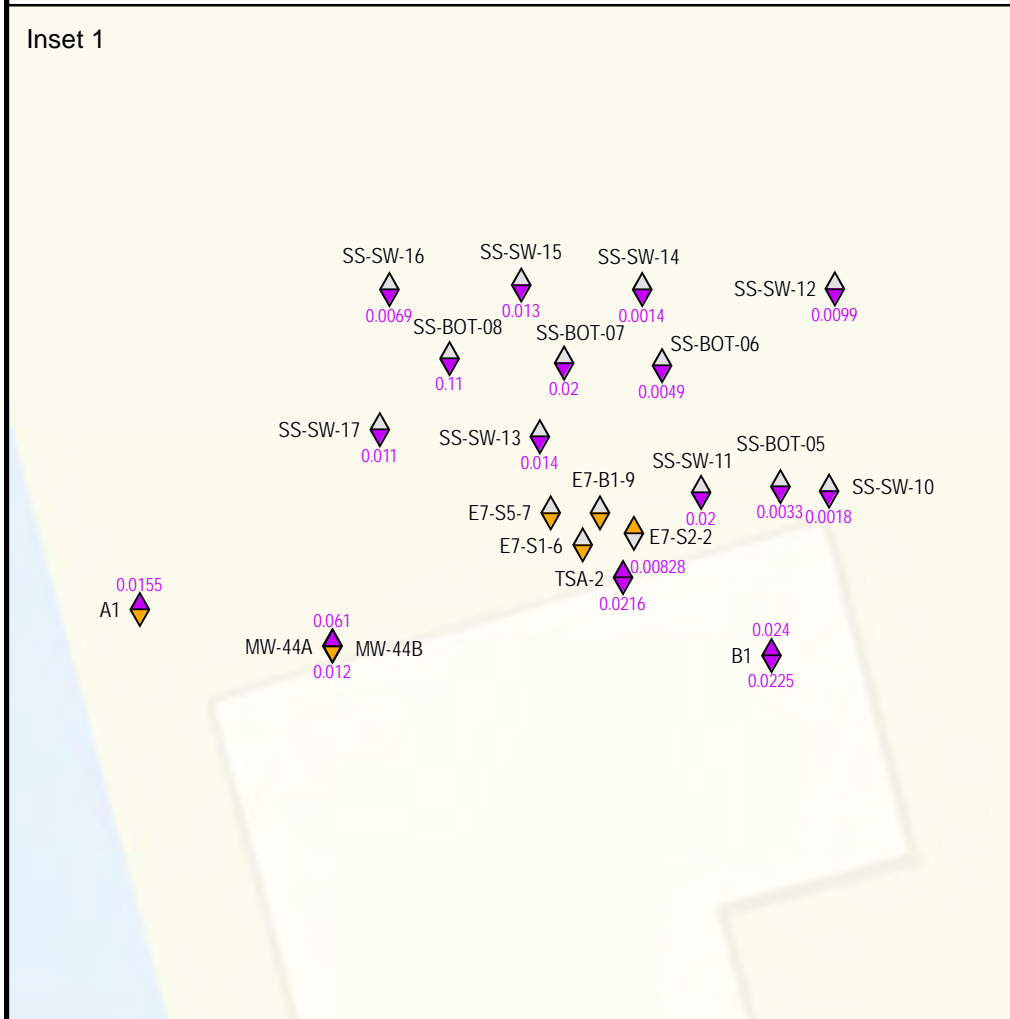
**TRICHLOROETHYLENE (TCE)
 IN SOIL**

June 2019

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




FIG. D-15a



LEGEND

Sample Location

Unsaturated  Surface to
 Saturated  3 feet

-  Not Analyzed
-  Analyzed - Not Detected
-  Analyzed - Detected At or Below Screening Level
-  Analyzed - Not Detected and Detection Limit Greater Than Screening Level
-  Analyzed - Detected Greater Than Screening Level

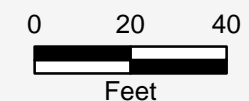
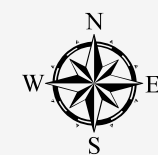
EXAMPLE

WVET-2
 0.00543

*Sample Location is WVET-2.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.00543 mg/kg for Unsaturated.*

NOTE

Screening against project proposed cleanup level.
 Trichloroethylene cleanup level in soil is 0.001 mg/kg.



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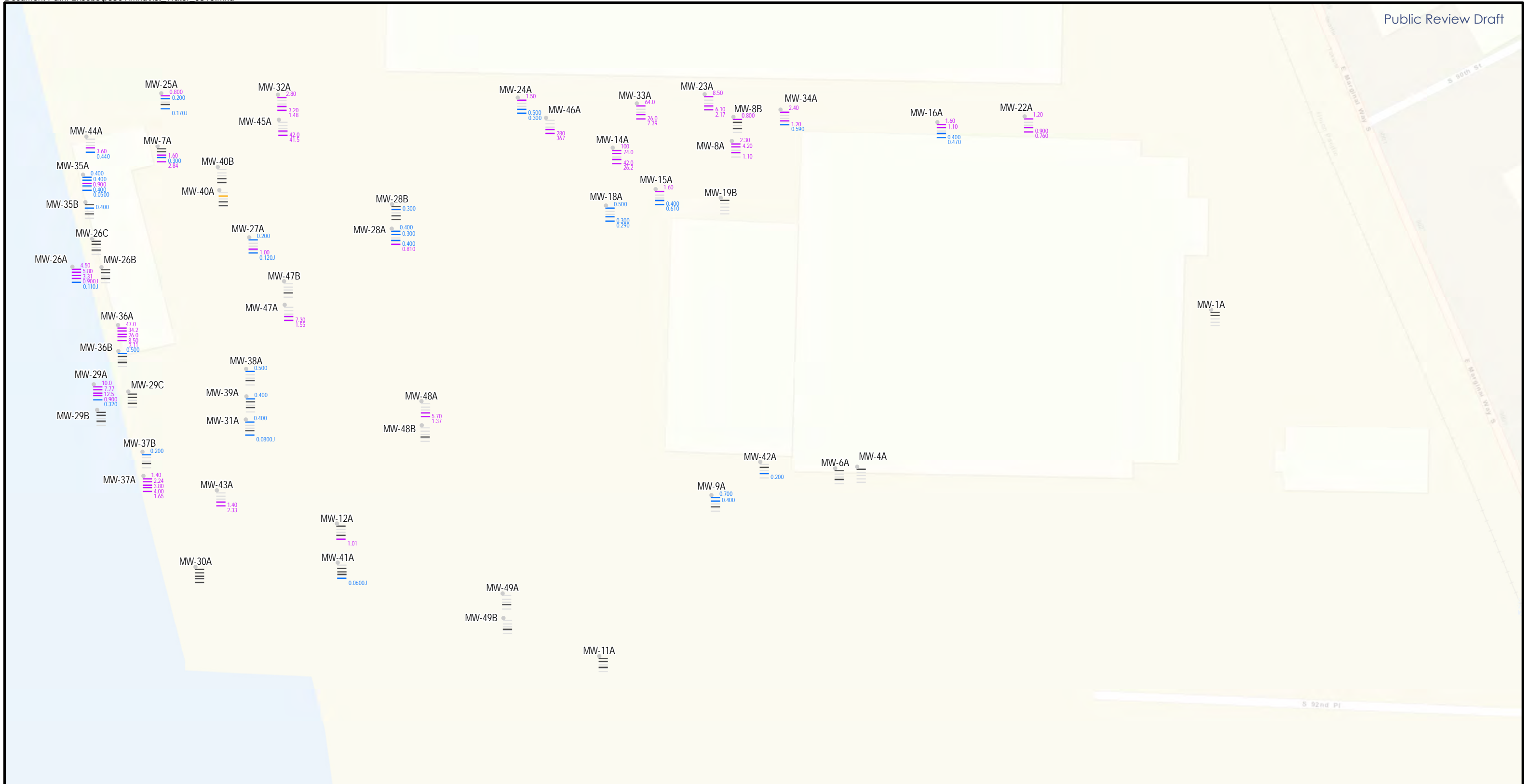
**TRICHLOROETHYLENE (TCE)
IN SOIL**

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FIG. D-15b



LEGEND

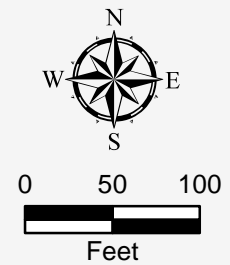
Sample Location

- 2001-2003
- 2004-2006
- 2007-2009
- 2011-Fall
- 2019-Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
 Screening against project proposed cleanup level.
 Trichloroethylene (TCE) cleanup level in groundwater is 0.7 ug/L



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**TRICHLOROETHYLENE (TCE)
 IN GROUNDWATER**



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




See Map A1-8b - Inset 1


See Map A1-8b - Inset 2

See Map A1-8b - Inset 3

LEGEND

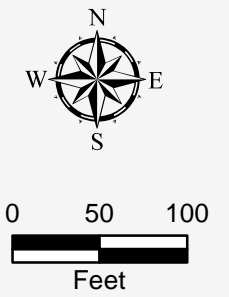
Sample Location
 Unsaturated  Surface to 3 feet
 Saturated 

-  Not Analyzed
-  Analyzed - Not Detected
-  Analyzed - Detected At or Below Screening Level
-  Analyzed - Not Detected and Detection Limit Greater Than Screening Level
-  Analyzed - Detected Greater Than Screening Level

EXAMPLE
 MW-28A
 1.1

*Sample Location is MW-28A.
 Sample analyzed and detected greater than screening level.
 Sample result is 1.1 mg/kg for Unsaturated.*

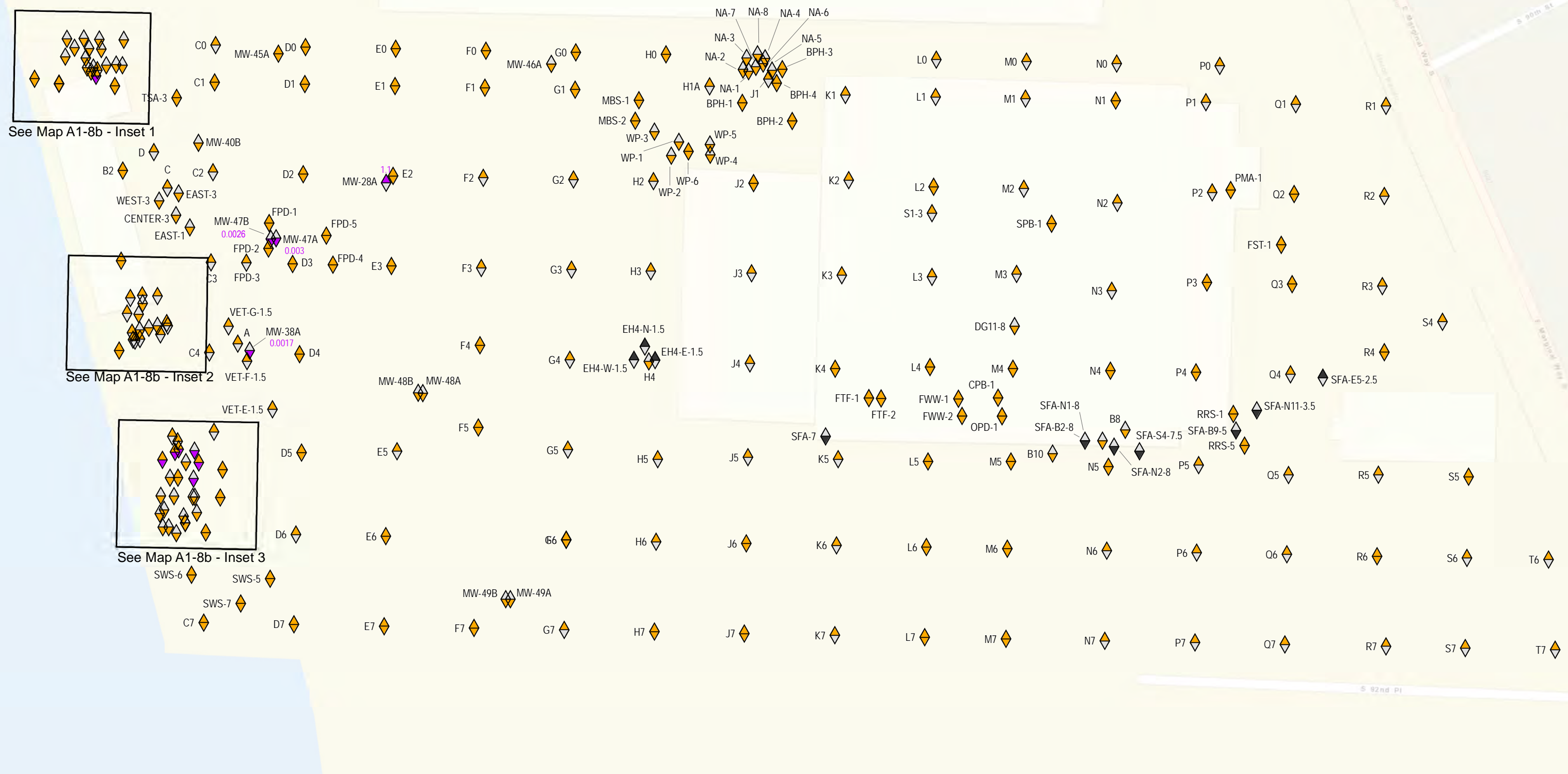
NOTE
 Screening against project proposed cleanup level.
 Vinyl chloride cleanup level in soil is 0.001 mg/kg.

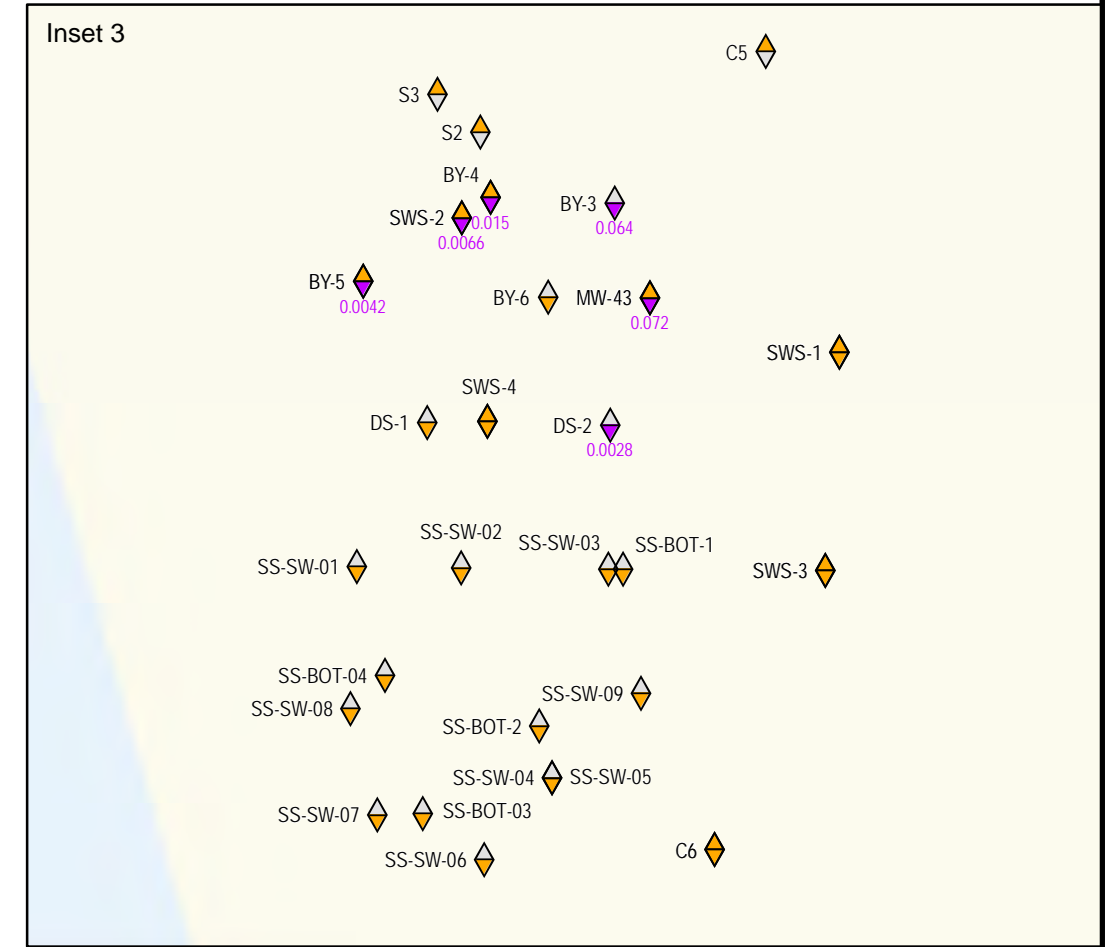
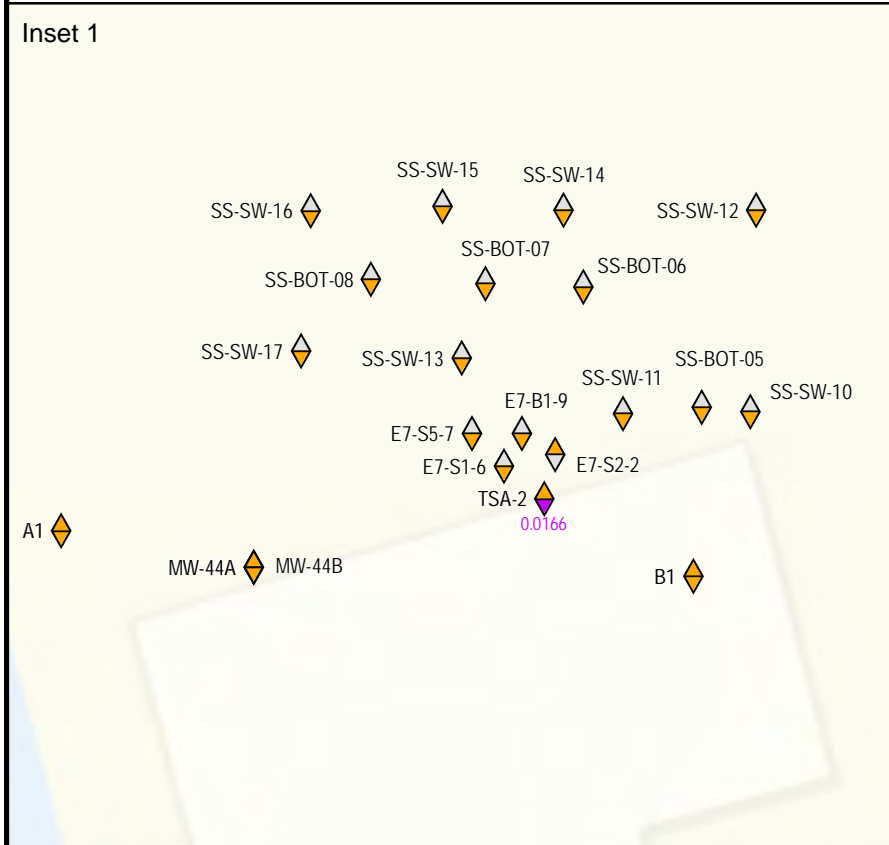


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**VINYL CHLORIDE
 IN SOIL**

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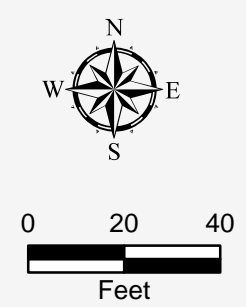
LEGEND

Sample Location
 Unsaturated Surface to 3 feet
 Saturated

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

EXAMPLE
 BY-3
 0.064
*Sample Location is BY-3.
 Sample analyzed and detected greater than screening level.
 Sample result is 0.064 mg/kg for Saturated.*

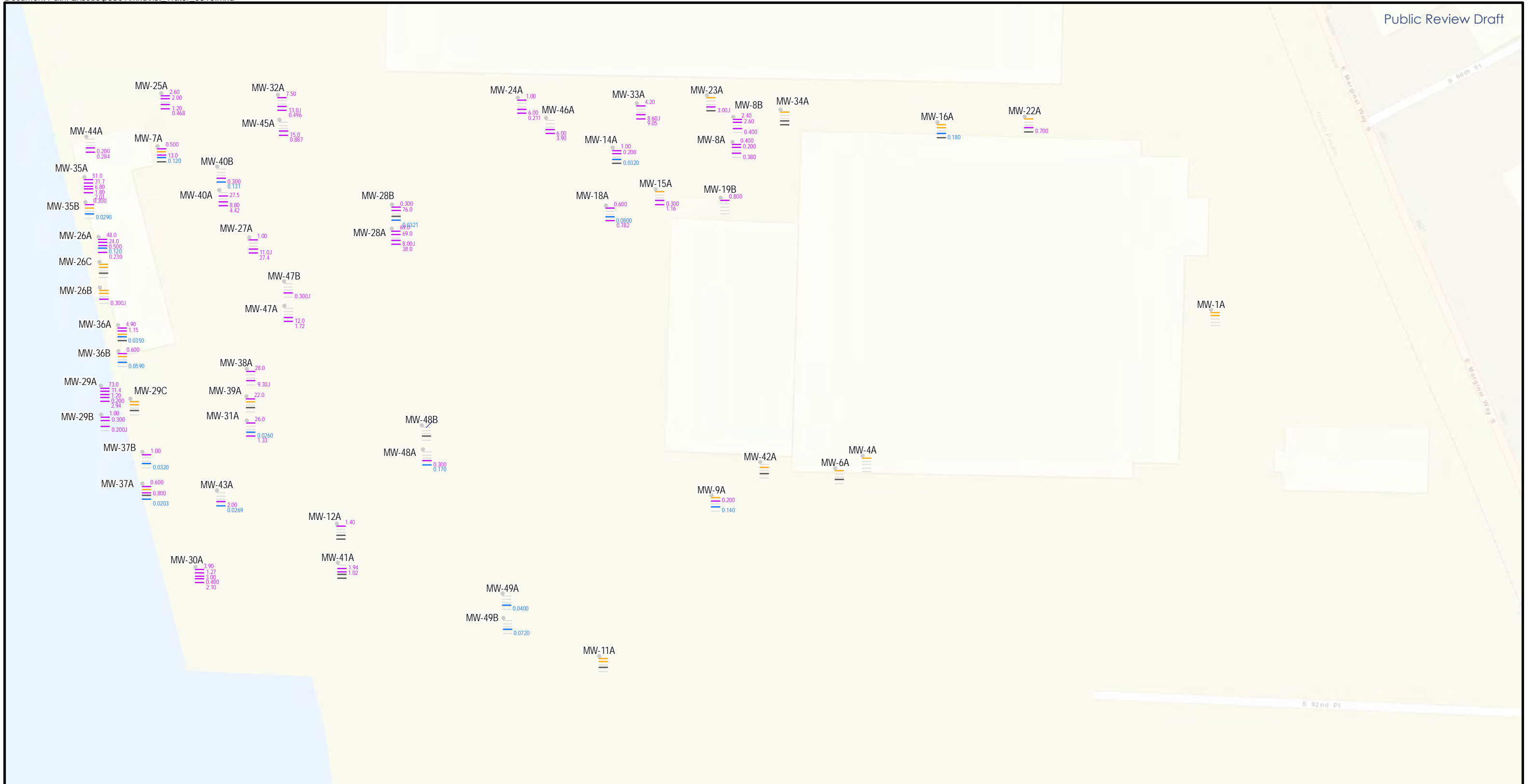
NOTE
 Screening against project proposed cleanup level. Vinyl chloride cleanup level in soil is 0.001 mg/kg.



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**VINYL CHLORIDE
 IN SOIL**

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LEGEND

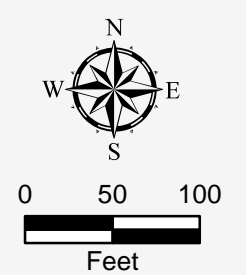
Sample Location

- 2001-2003
- 2004-2006
- 2007-2009
- 2011-Fall
- 2019-Winter

Sample - Date

- Not Analyzed
- Analyzed - Not Detected
- Analyzed - Detected At or Below Screening Level
- Analyzed - Not Detected and Detection Limit Greater Than Screening Level
- Analyzed - Detected Greater Than Screening Level

NOTE
Screening against project proposed cleanup level.
Vinyl chloride cleanup level in groundwater is 0.18 ug/L.



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**VINYL CHLORIDE
IN GROUNDWATER**

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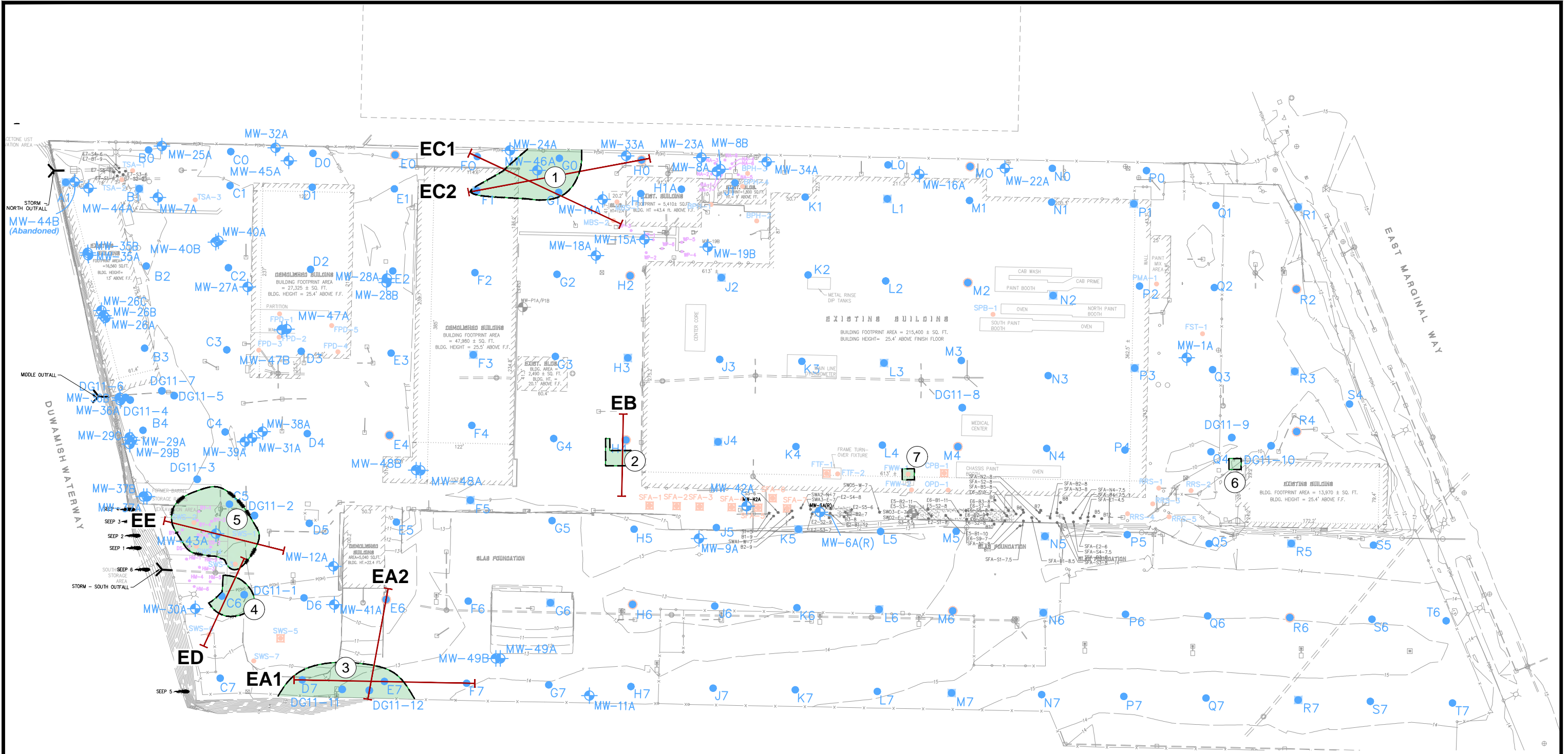
FIG. D-18

Appendix E

Excavation Cross Sections

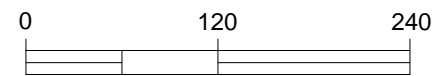
APPENDIX E: EXCAVATION CROSS SECTIONS

Filename: J:\21112567\014\21-1-12567-014 Proposed Excavation Plan and Profiles.dwg Layout: Figure E1-FS Date: 05-31-2019 Login: JRS



LEGEND

- 1 Estimated Excavation Extents and Designation
- MW-47A Groundwater Monitoring Well
- DG11-8 Soil Sample
- SFA-1
- TSA-3
- SW03-E-7
- EA1 Proposed Excavation Profile (See Figures D2 through D5)



Scale in Feet
Contour Interval = 1 Foot
Datum = NGVD29

NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003..



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PROPOSED EXCAVATION PLAN

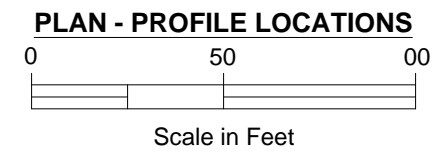
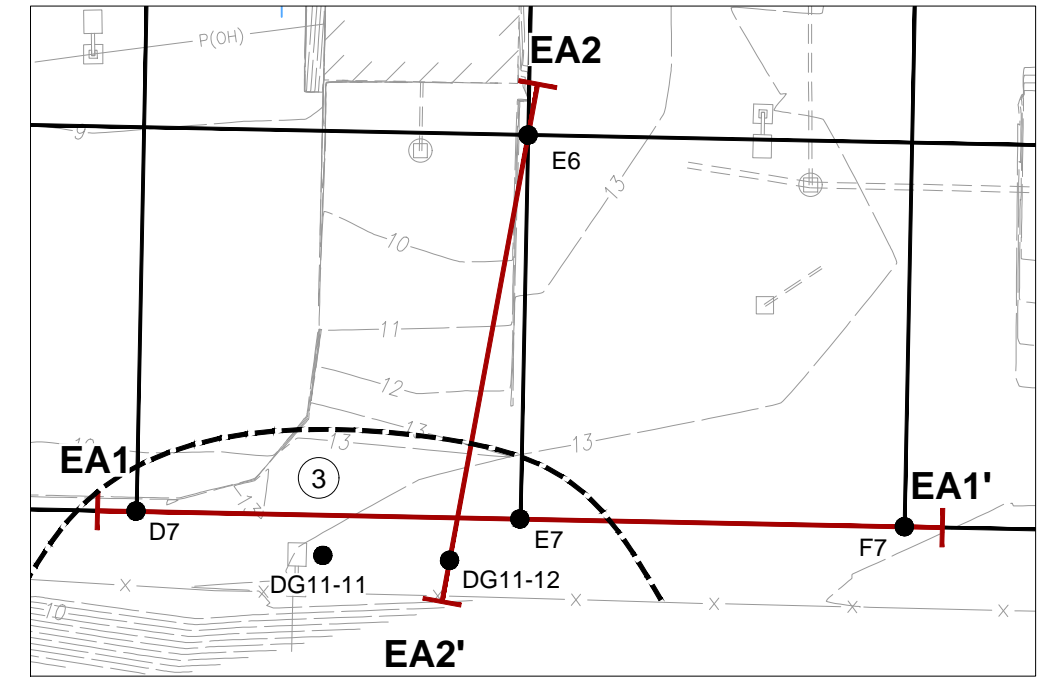
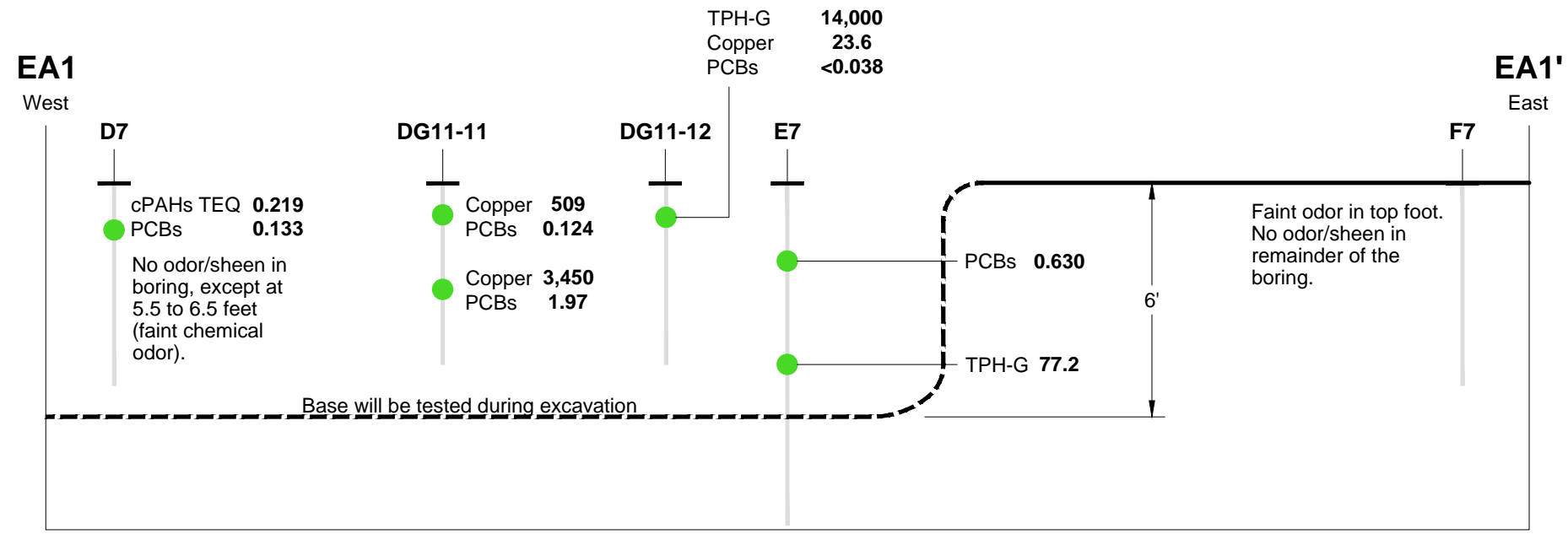
June 2019

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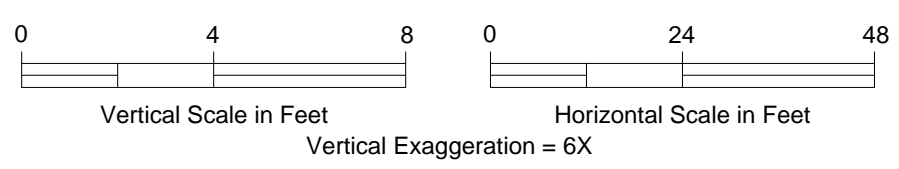
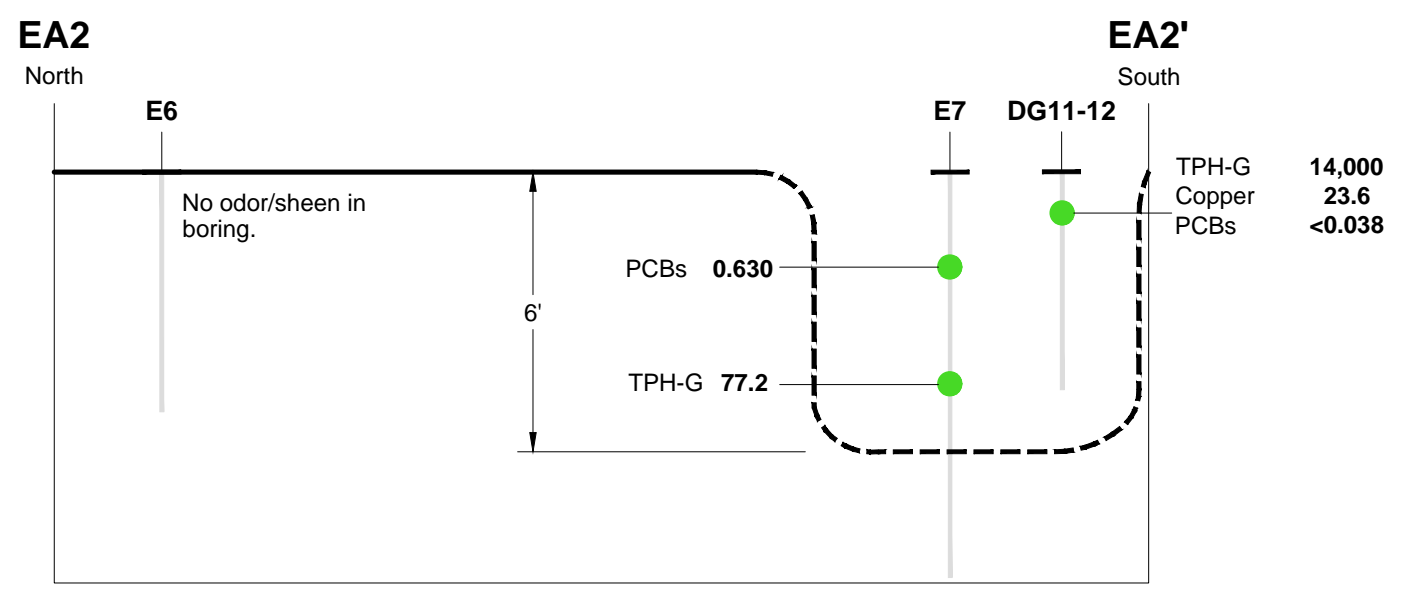
FIG. E1

Filename: \\sea-fs1\Drafting\21112567\014\21-1-1-12567-014 Proposed Excavation Plan and Profiles.dwg Layout: Figure E2-FS Date: 05-31-2019 Login: JRS



PLAN LEGEND

- E7 ● Soil Sample
- Proposed Excavation
- EA1** |----- Excavation Profile Location



PROFILE LEGEND

- E6 ← Designation of Boring
- Proposed Excavation Limits
- Data Result in mg/kg
- mg/kg ← Milligrams per Kilogram
- < ← Not Detected Above Laboratory Reporting Limit

DATA TABLE

	REMEDIATION LEVELS (mg/kg)
TPH-G	250
Copper	250
PCBs	0.5
cPAHs TEQ	0.6

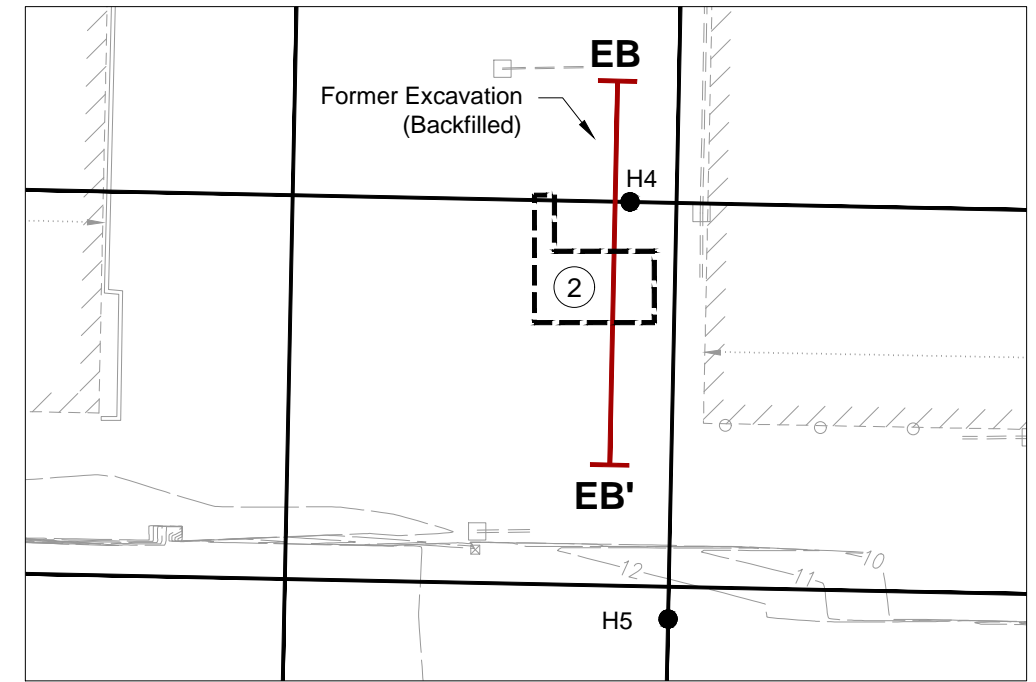
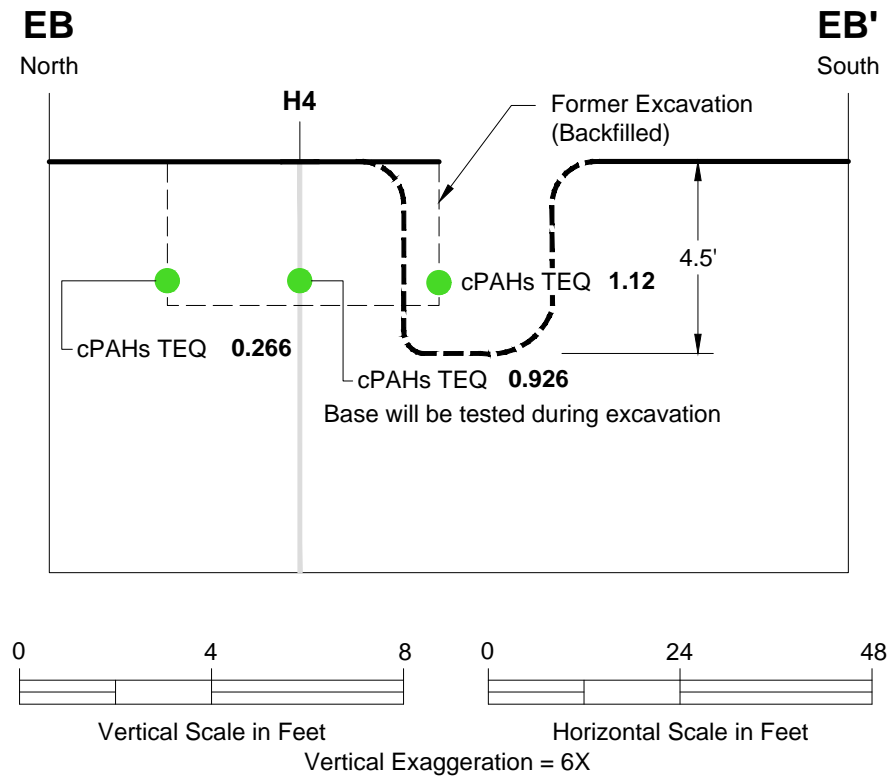
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PROPOSED EXCAVATION PROFILES EA1 AND EA2

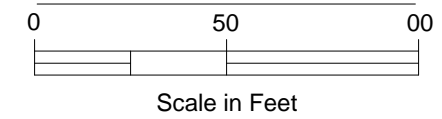
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FIG. E2



PLAN - PROFILE LOCATIONS



PLAN LEGEND

H4 ● Soil Sample

--- Proposed Excavation

EB |—| Excavation Profile Location

PROFILE LEGEND

- E6 ← Designation of Boring
- Proposed Excavation Limits
- Data Result in mg/kg
- mg/kg ← Milligrams per Kilogram
- No Data
- ← Indicates Not Detected at or Above Value Shown

DATA TABLE

Designation of Boring	cPAHs TEQ	REMEDIATION LEVEL (mg/kg)
E6	0.266	0.6
H4	0.926	0.6
H5	1.12	0.6

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**PROPOSED EXCAVATION
PROFILE EB**

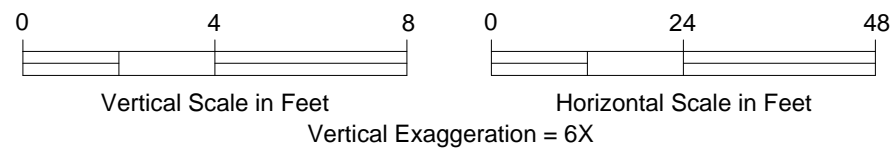
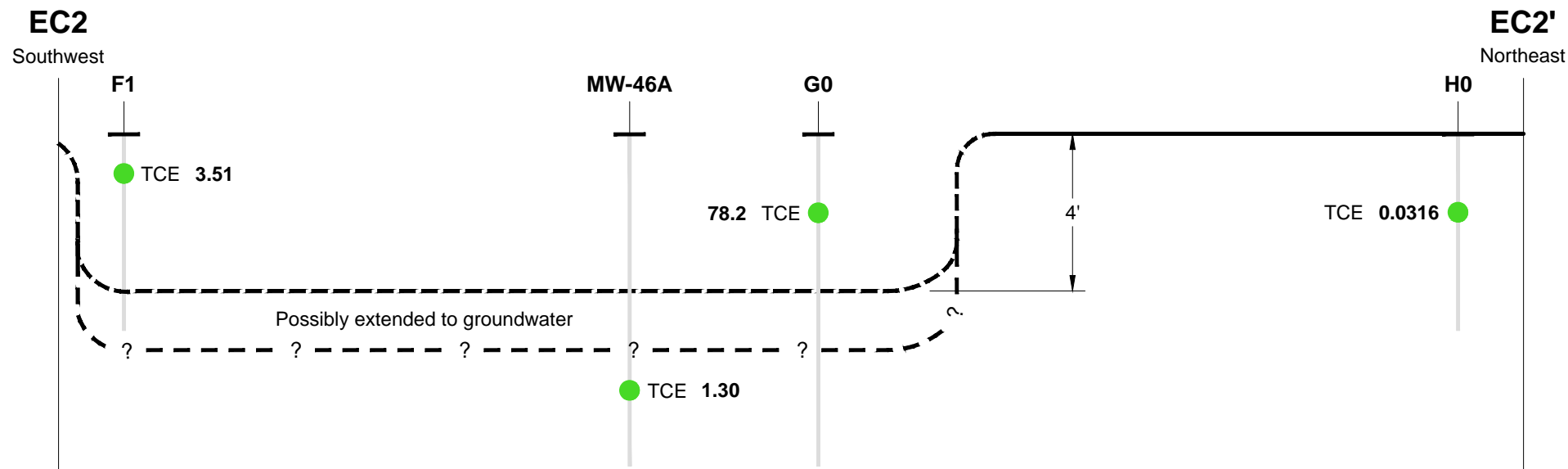
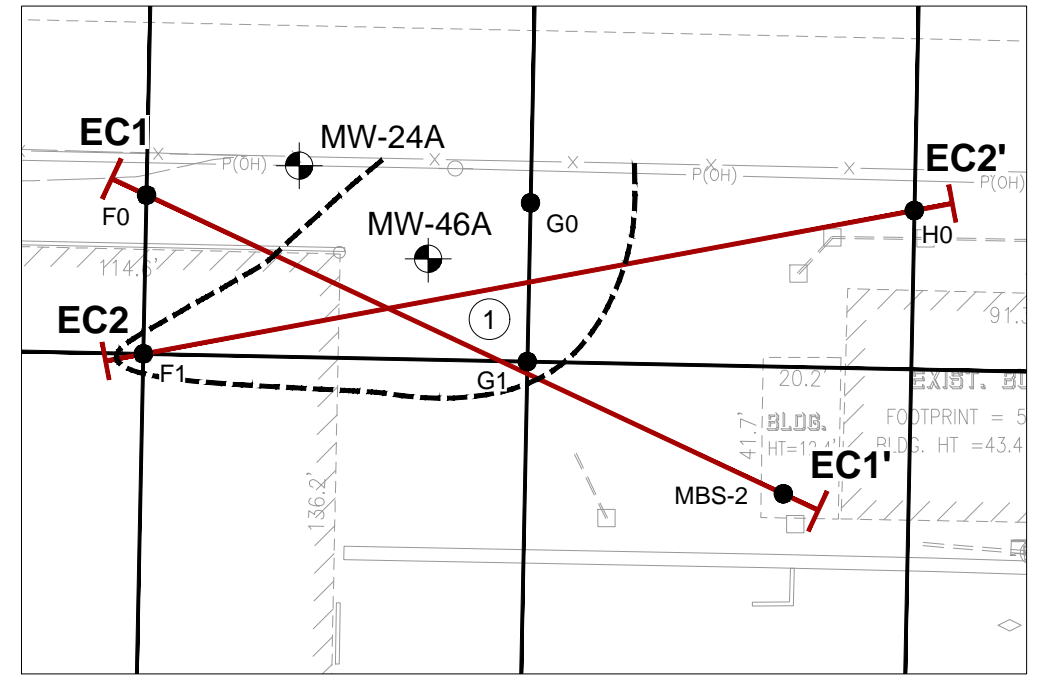
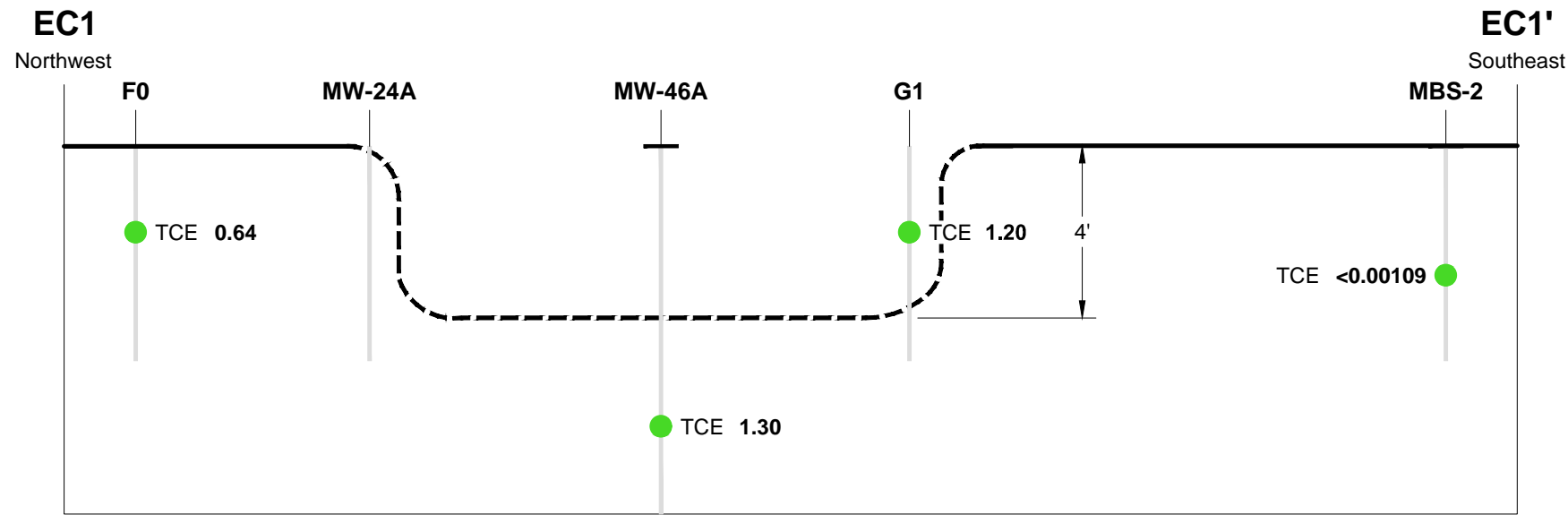
June 2019

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FIG. E3

Filename: \\sea-fs1\Drafting\21112567\014\21-1-12567-014 Proposed Excavation Plan and Profiles.dwg Layout: Figure E4-FS Date: 05-31-2019 Login: JRS



PLAN LEGEND

- MW-46A Groundwater Monitoring Well
- F1 Soil Sample
- Proposed Excavation
- EC1** Excavation Profile Location

PROFILE LEGEND

- E6 Designation of Boring
- Proposed Excavation Limits
- Data Result in mg/kg
- mg/kg Milligrams per Kilogram
- Not Detected Above Laboratory Reporting Limit

DATA TABLE	REMEDIATION LEVEL (mg/kg)
Trichloroethylene (TCE)	5

8801 East Marginal Way South
Tukwila, Washington

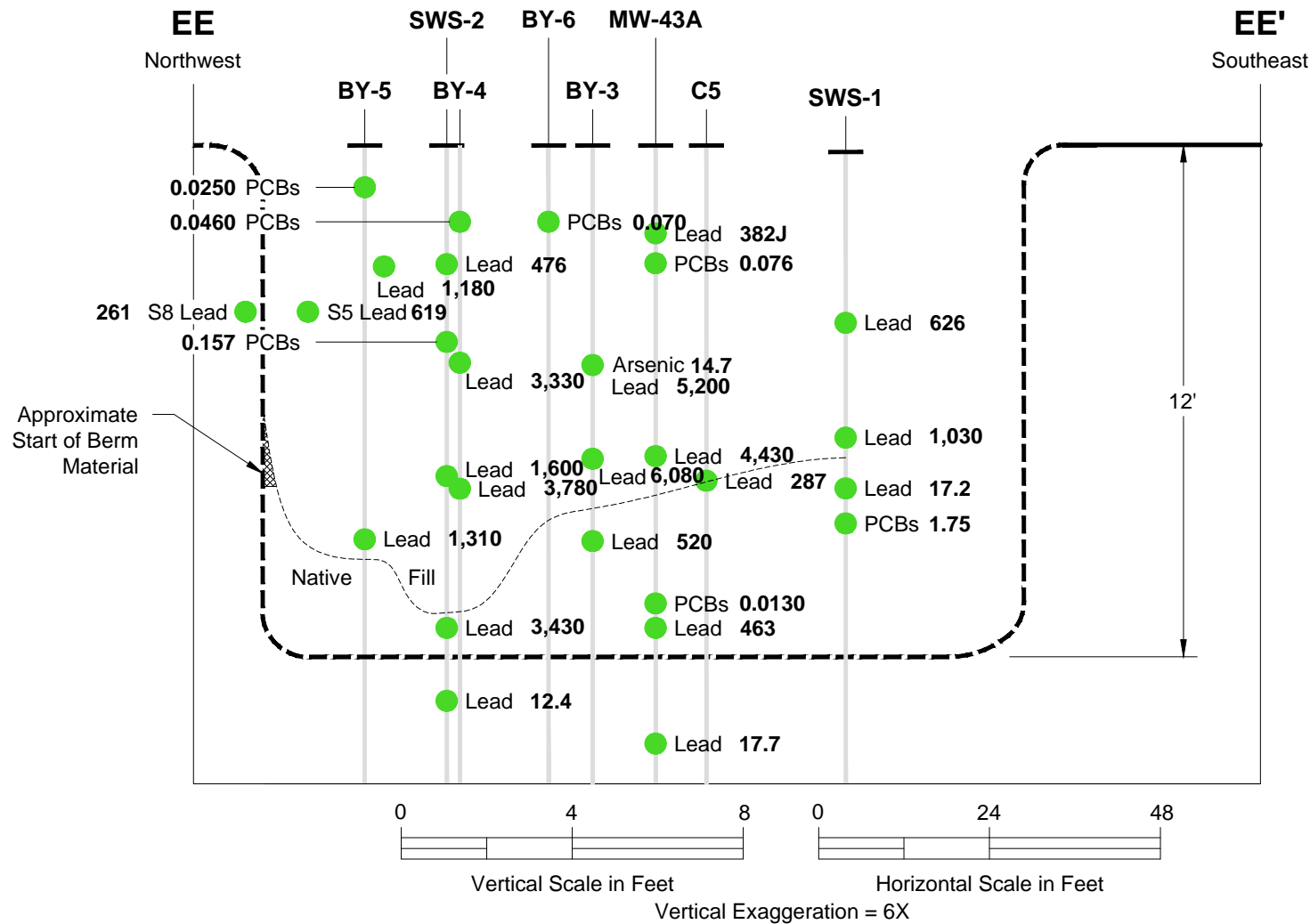
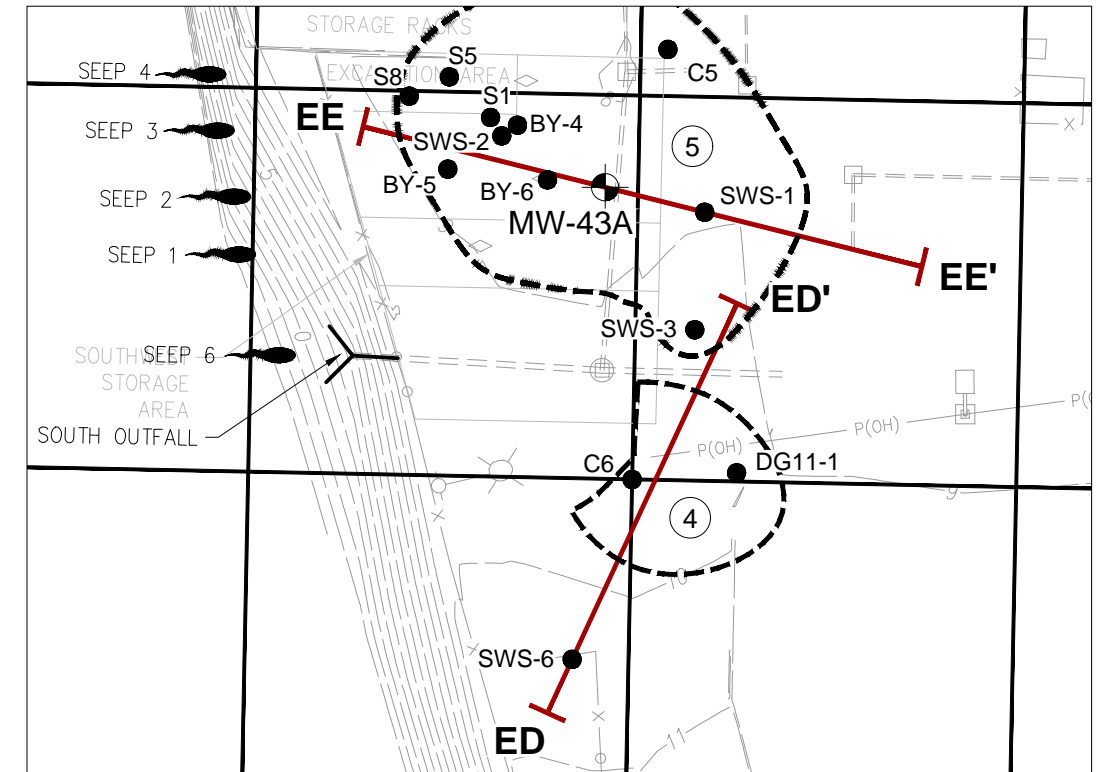
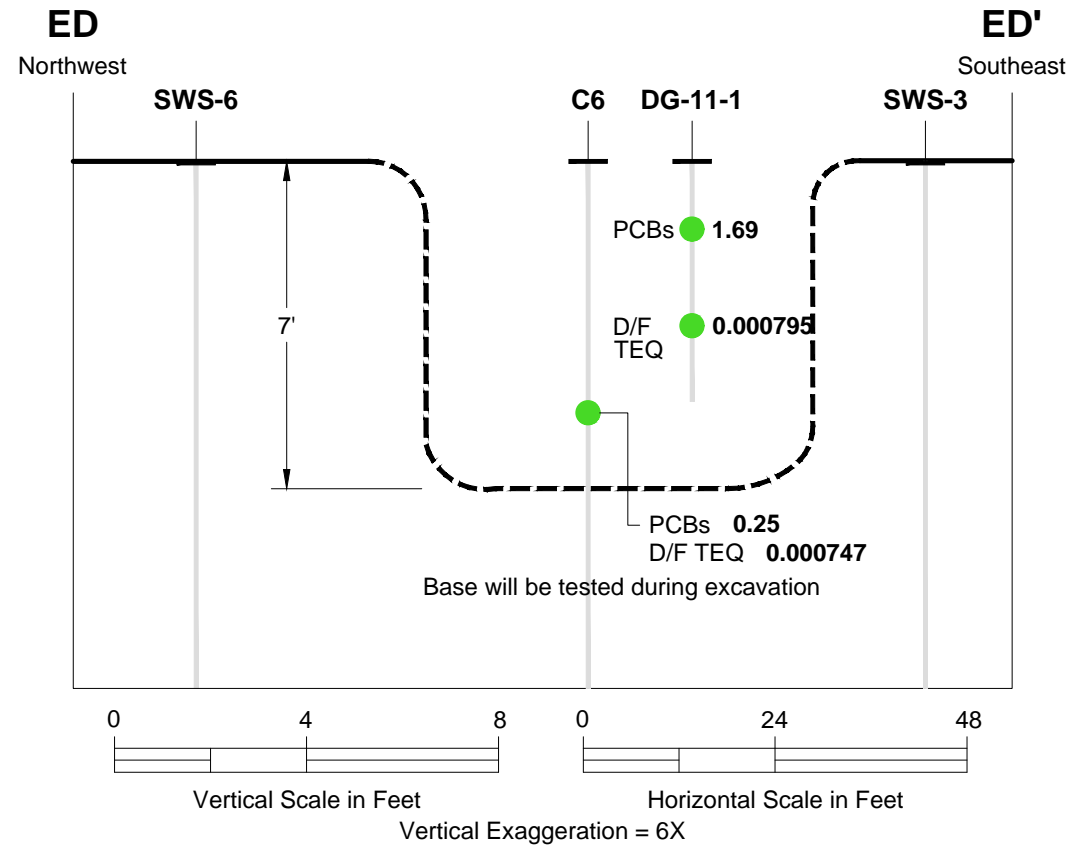
**PROPOSED EXCAVATION
PROFILES EC1 AND EC2**

June 2019 21-1-12567-014

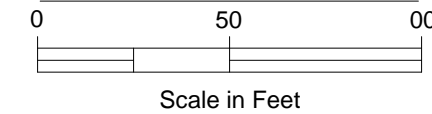
SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. E4

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PLAN - PROFILE LOCATIONS



PLAN LEGEND

- MW-43A Groundwater Monitoring Well
- C6 Soil Sample
- Proposed Excavation
- ED** Excavation Profile Location

PROFILE LEGEND

- E6** Designation of Boring
- Proposed Excavation Limits
- Data Result in mg/kg
- mg/kg Milligrams per Kilogram

DATA TABLE

	REMEDIATION LEVELS (mg/kg)
PCBs	0.5
Arsenic	14.6
Lead	250
D/F TEQ	0.000052

8801 East Marginal Way South
Tukwila, Washington

**PROPOSED EXCAVATION
PROFILES ED AND EE**

June 2019

21-1-12567-014



FIG. E5

Appendix F

Disproportionate Cost Analyses Tables and Graphs

CONTENTS

- Tables F-1A, F-2A, and F-3A: Evaluation of Threshold Requirements
- Tables F-1B, F-2B, and F-3B: Evaluation of Other Requirements and Graphs
- Tables F-1C, F-2C, and F-3C: Cost Breakdowns for Alternatives

Table F-1A - Evaluation of Threshold Requirements - Soil

Preliminary Alternative	Protects human health and the environment	Complies with cleanup standards	Complies with applicable state and federal laws	Provides for compliance monitoring	Carried Forward
No action	No	No	No	No	No
Soil excavation/disposal to CULs (exclude TCE/VC)	Yes	Yes	Yes	Yes	Yes
Soil excavation/disposal to RELs (PCB=0.13 mg/kg, cPAH TEQ=0.1 mg/kg, copper =250 mg/kg, exclude TCE/VC)*	Yes	Yes	Yes	Yes	Yes
Soil excavation/disposal to RELs (PCB=0.5 mg/kg, cPAH TEQ=0.6 mg/kg, copper =250 mg/kg, exclude TCE/VC)*	Yes	Yes	Yes	Yes	Yes
Cap and institutional controls on areas exceeding CULs (exclude TCE/VC)	Yes	Yes	Yes	Yes	Yes
MNA only	No	No	Yes	Yes	No

NOTES:

*Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are addressed in groundwater alternatives.

cPAH = carcinogenic polycyclic aromatic hydrocarbons; mg/kg = milligrams per kilogram; MNA = monitored natural attenuation; PCB = polychlorinated biphenyl; REL = remediation level;

TCE = trichloroethylene; TEQ = toxicity equivalent quotient; VC = vinyl chloride

Table F-1B - Evaluation of Other Requirements - Soil

Alternative No.	1a - Excavation/disposal to CULs	1b - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.5 mg/kg cPAH TEQ = 0.6 mg/kg copper = 250 mg/kg	1c - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.13 mg/kg cPAH TEQ = 0.1 mg/kg copper = 250 mg/kg	1d - Cap and institutional controls
Brief Description	Excavate soil that exceeds CULs and is within 15 feet of ground surface. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Cover unsaturated soil in areas that exceeds CULs. Establish institutional controls.
Considers public concerns?				
Considers public concerns?	Yes	Yes	Yes	Yes
Reasonable restoration time frame? [WAC 173-340-360(4)]				
Estimated restoration time frame (years)	2	3	3	10
Toxicity of COCs	High PCBs and cPAHs	High PCBs and cPAHs	High PCBs and cPAHs	High PCBs and cPAHs
Risk to human health and environment during remedy	Moderate Workers will have moderate exposures	Moderate Workers will have moderate exposures	Moderate Workers will have moderate exposures	Low Low worker exposure since pavement exists over most surfaces
Has natural attenuation been documented to occur on site?	Not applicable Not applicable to this alternative	Not applicable Not applicable to this alternative	Not applicable Not applicable to this alternative	Not applicable Not applicable to this alternative
Practical to achieve shorter restoration time frame? (includes consideration of natural attenuation)	No --	Yes Excavation of all soil exceeding CULs is expected to be faster, but time frame still reasonable.	Yes Excavation of all soil exceeding CULs is expected to be faster, but time frame still reasonable.	Yes Excavation of some or all soil exceeding screening levels would accelerate restoration timeline.
Consistent with current use of site, surrounding area, & resources?	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.
Consistent with planned future use of site, surrounding area, & resources?	Yes No impacts off-site	Yes No impacts off-site	Yes No impacts off-site	Yes No impacts off-site
Availability of alternate water supply	Not Applicable Groundwater not used	Not Applicable Groundwater not used	Not Applicable Groundwater not used	Not Applicable Groundwater not used
Effectiveness and reliability of institutional controls	Not Applicable No institutional controls	High Maintain pavement Prevent use of groundwater	High Maintain pavement Prevent use of groundwater	High Maintain pavement Prevent use of groundwater
Ability to monitor and control chemical migration from site	Not Applicable No impacts off-site	Yes Maintain pavement	Yes Maintain pavement	Yes Maintain pavement

Table F-1B - Evaluation of Other Requirements - Soil

Alternative No.	1a - Excavation/disposal to CULs	1b - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.5 mg/kg cPAH TEQ = 0.6 mg/kg copper = 250 mg/kg	1c - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.13 mg/kg cPAH TEQ = 0.1 mg/kg copper = 250 mg/kg	1d - Cap and institutional controls	
Brief Description	Excavate soil that exceeds CULs and is within 15 feet of ground surface. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Cover unsaturated soil in areas that exceeds CULs. Establish institutional controls.	
Permanent to maximum extent practicable? [disproportionate cost analysis, WAC 173-340-360(3)]					
<i>Benefit evaluation</i>					
Overall protectiveness	30%	10	8	8	3
		Contamination exceeding CULs removed.	Contamination exceeding RELs removed. Contamination exceeding CULs remain on site and are capped. 92.1% of mass of PCBs, cPAHs, and copper removed.	Contamination exceeding RELs removed. Contamination exceeding CULs remain on site and are capped. 92.1% of mass of PCBs, cPAHs, and copper removed.	No contamination removed from the site. Contamination exceeding CULs are capped.
Permanence	20%	10	7	7	2
		Contamination exceeding CULs removed from the site.	Contamination exceeding RELs removed. Contamination exceeding CULs remain on site and are capped. Some contaminants naturally attenuate and other contaminants do not.	Contamination exceeding RELs removed. Contamination exceeding CULs remain on site and are capped. Some contaminants naturally attenuate and other contaminants do not.	Some contaminants naturally attenuate and other contaminants do not.
Effectiveness over long-term	20%	8.5	6	6	3
		Contaminated materials are removed from the site.	Contaminated materials with higher concentrations are removed from site. Residual contamination is capped and may have the potential to leach to groundwater.	Contaminated materials with higher concentrations are removed from site. Residual contamination is capped and may have the potential to leach to groundwater.	Contaminated materials remain on site and have the potential to leach to groundwater.
Management of short-term risks	10%	2	7	6	9
		Extensive excavation will expose workers	Smaller and fewer excavations are easier to control	Smaller excavations are easier to control	No excavation. Low risk.
Technical and administrative implementability	10%	2	5	4	8
		Large scale excavation is more difficult than other alternatives. Also, excavating below water table is difficult but proven methods exist.	Smaller and fewer excavations are easier to implement.	Smaller excavations are easier to implement.	No excavation. Installing cap is relatively straightforward.
Consideration of public concerns	10%	4	6	6	9
		Visible impacts would be sitewide and large quantity of excavated contaminated materials are transported through the surrounding neighborhood. However, the surrounding area is industrial.	Visible impacts would be present sitewide; however, the surrounding area is industrial and excavated quantities would not be exceptional.	Visible impacts would be present sitewide; however, the surrounding area is industrial and excavated quantities would not be exceptional.	Visible impacts would be present sitewide; however, the surrounding area is industrial and no material would be excavated.
Overall weighted benefit score	100%	7.5	6.8	6.6	4.5

Table F-1B - Evaluation of Other Requirements - Soil

Alternative No.	1a - Excavation/disposal to CULs	1b - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.5 mg/kg cPAH TEQ = 0.6 mg/kg copper = 250 mg/kg	1c - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.13 mg/kg cPAH TEQ = 0.1 mg/kg copper = 250 mg/kg	1d - Cap and institutional controls
Brief Description	Excavate soil that exceeds CULs and is within 15 feet of ground surface. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Cover unsaturated soil in areas that exceeds CULs. Establish institutional controls.
Cost evaluation (\$M)				
Initial capital cost to construct	15.18	2.90	3.75	0.578
Annual O&M cost	0.20	1.87	1.87	0.7274
Estimated restoration time frame [years]	2	3	3	10
O&M cost over restoration timeframe	0.41	5.60	5.60	7.27
Total cost over life of remedy	15.59	8.50	9.35	7.85
Ratio of benefit/cost	0.48	0.80	0.71	0.57

NOTES:

cPAH = carcinogenic polycyclic aromatic hydrocarbons; CUL = preliminary cleanup level; mg/kg = milligrams per kilogram; PCB = polychlorinated biphenyl; REL = remediation level; TCE = trichloroethylene; TEQ = toxicity equivalent quotient; VC = vinyl chloride

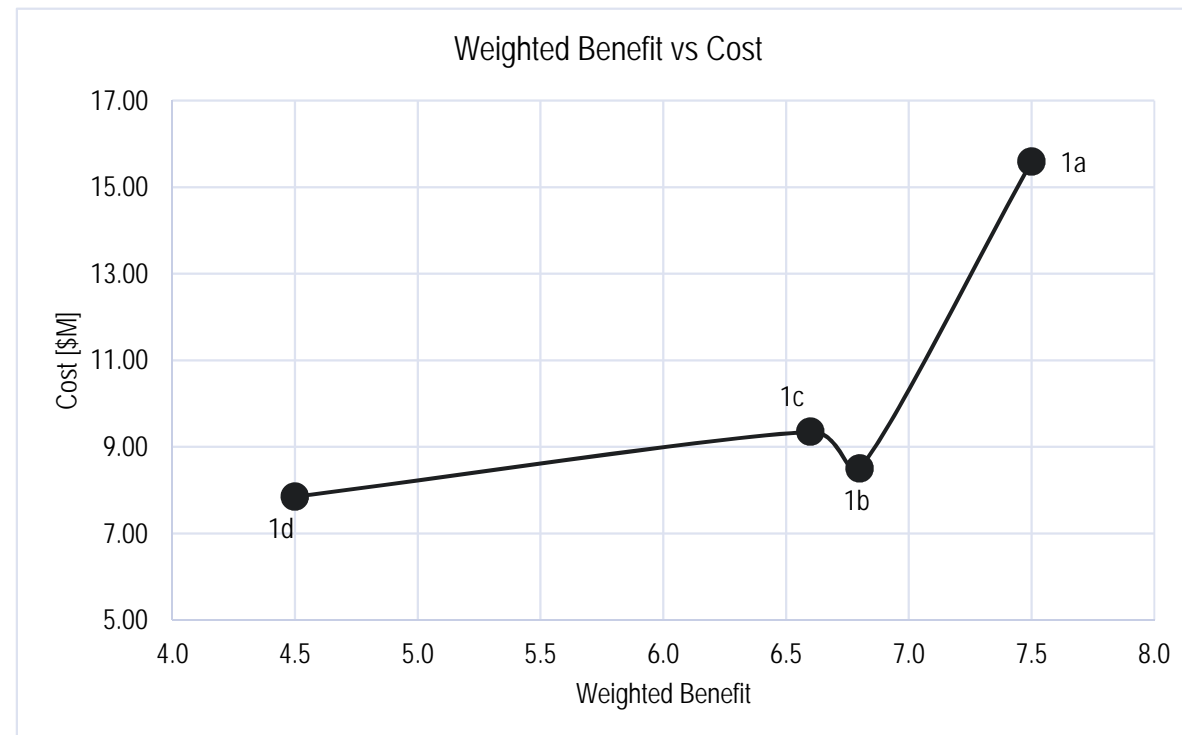


Table F-1C - Cost Breakdown for Soil Alternatives

Alternative No.	1a - Excavation/disposal to CULs	1b - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.5 mg/kg cPAH TEQ = 0.6 mg/kg copper = 250 mg/kg	1c - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.13 mg/kg cPAH TEQ = 0.1 mg/kg copper = 250 mg/kg	1d - Cap and institutional controls
Brief Description	Excavate soil that exceeds CULs and is within 15 feet of ground surface. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Cover unsaturated soil in areas that exceeds CULs. Establish institutional controls.
Capital Costs				
Capital Direct Cost (Installed)				
Mob/Demob	\$1,000	\$463	\$513	\$14
Site Survey	\$10	\$34	\$49	\$9
Concrete breaking	\$842	\$116	\$145	
Shoring system		\$116	\$184	
Excavation of solid waste	\$533	\$108	\$124	
Off-site disposal of solid waste excavated	\$3,680	\$728	\$794	
Borrowed clean fill	\$1,333	\$270	\$335	
Surface Restoration/capping	\$3,078	\$424	\$765	\$453
AS Well Driller/Installation				
Injection Event				
Initial Injection Event				
Plumbing				
Treatment equipment				
Water disposal/ treatment	\$900	\$182	\$202	
Catch basin/filter installation				
Sampling/analysis for the compliance measure	\$138	\$37	\$55	
Installing new wells	\$150	\$10	\$12	
Reagent				
Well Abandonment	\$27	\$2	\$3	
Capital Indirect Costs				
Engineering/Oversite/Documentation	\$2,200	\$118	\$199	\$19
Ecology Oversight	\$50	\$12	\$18	\$6
Construction QA and Management	See above	See above	See above	
Closure Documentation	\$17	\$17	\$17	\$17
Tukwila Business Permit	\$10	\$10	\$10	\$10
Combined Tukwila Taxes and Fees (10% capital costs, 2% Labor)	\$1,214	\$252	\$323	\$48
Total Capital Cost	\$15,182	\$2,899	\$3,747	\$578

Table F-1C - Cost Breakdown for Soil Alternatives

Alternative No.	1a - Excavation/disposal to CULs	1b - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.5 mg/kg cPAH TEQ = 0.6 mg/kg copper = 250 mg/kg	1c - Excavation/disposal to RELs with institutional controls, RELs: PCB = 0.13 mg/kg cPAH TEQ = 0.1 mg/kg copper = 250 mg/kg	1d - Cap and institutional controls
Brief Description	Excavate soil that exceeds CULs and is within 15 feet of ground surface. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Excavate soil that exceeds RELs and is within 15 feet of ground surface. Includes excavation of known locations with arsenic exceeding REL, gasoline exceeding CUL, and dioxins/furans exceeding natural background. TCE/VC are not excavated and are addressed in groundwater alternatives. Dewater excavation and treat groundwater. Cover areas which remain above CULs and establish institutional controls.	Cover unsaturated soil in areas that exceeds CULs. Establish institutional controls.
Periodic Costs				
Semi-Annual Vapor Control Maintenance				
Cap Inspection/Maintenance Costs- Institutional Control				
		\$406 30 year total	\$406 30 year total	\$406 30 year total
Annual Sampling/Monitoring/Reporting*	\$400 2 years	\$4,000 30 year total	\$4,000 30 year total	\$5,556 30 year total
Project Management/Seal Inspection		\$150	\$150	\$234
5-Year Reporting		\$936	\$936	\$936
Combined Sales Tax for Tukwila, Washington (10% capital costs, 2% Labor)	\$8	\$110	\$110	\$143
Total Periodic Cost: (@2019)	\$408	\$5,602	\$5,602	\$7,274
Total Cleanup Cost (Capital + Periodic Cost): @ 2019yr				
Average	\$15,590	\$8,501	\$9,349	\$7,852
Low End (-30%)	\$10,913	\$5,951	\$6,544	\$5,496
High End (+50%)	\$23,385	\$12,751	\$14,024	\$11,778

NOTES:

*Annual stormwater maintenance costs are incurred by owner/tenant and not included within this cost estimate.

Costs do not include net present worth adjustment.

Costs are in thousands of dollars.

cPAH = carcinogenic polycyclic aromatic hydrocarbons; CUL = preliminary cleanup level; mg/kg = milligrams per kilogram; PCB = polychlorinated biphenyl; REL = remediation level; TCE = trichloroethylene; TEQ = toxicity equivalent quotient; VC = vinyl chloride

Table F-2A - Evaluation of Threshold Requirements - Groundwater

Preliminary Alternative	Protects human health and the environment	Complies with cleanup standards	Complies with applicable state and federal laws	Provides for compliance monitoring	Carried Forward
No action	No	No	No	No	No
Excavate TCE to CUL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	Yes	Yes	Yes	Yes	Yes
Excavate TCE to REL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	Yes	Yes	Yes	Yes	Yes
Excavate TCE to REL, MNA across TCE plume, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	Yes	Yes	Yes	Yes	Yes
Excavate TCE to REL, ERD, PCB-containing caulk removal, MNA to west of existing AS/SVE, institutional controls for vapor	Yes	Yes	Yes	Yes	Yes
MNA only	No	No	Yes	Yes	No

NOTES:

AS/SVE = air sparging/soil vapor extraction system; ERD = enhanced reductive dechlorination; MNA = monitored natural attenuation; PCB = polychlorinated biphenyl; REL = remediation level; TCE = trichloroethylene; VC = vinyl chloride

Table F-2B - Evaluation of Other Requirements - Groundwater

Alternative No.	2a - Excavate TCE to CUL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2b - Excavate TCE to REL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2c - Excavate TCE to REL, MNA across TCE plume, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2d - Excavate TCE to REL, ERD, PCB-containing caulk removal, MNA to west of existing AS/SVE, institutional controls for vapor
Brief Description	Excavate soil that exceeds the CUL for TCE and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform groundwater monitoring on all the existing monitoring wells for 30-year period. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Establish institutional controls for vapor intrusion. AS/SVE system operates but is not expanded.
Considers public concerns?				
Considers public concerns?	Yes	Yes	Yes	Yes
Reasonable restoration time frame? [WAC 173-340-360(4)]				
Estimated restoration time frame (years)	8	10	20	20
Toxicity of COCs	High TCE and VC	High TCE and VC	High TCE and VC	High TCE and VC
Risk to human health and environment during remedy	Moderate Workers will have moderate exposures	Low Workers will have moderate exposures but less than excavating TCE to the CUL	Low Workers will have moderate exposures but less than excavating TCE to the CUL	Low Workers will have moderate exposures but less than excavating TCE to the CUL
Has natural attenuation been documented to occur on site?	Yes Not applicable to this alternative	Yes Not applicable to this alternative	Yes MNA used in this alternative	Yes MNA used in this alternative
Practical to achieve shorter restoration time frame? (includes consideration of natural attenuation)	No --	Yes Excavation of all soil exceeding CULs is expected to be faster, but time frame still reasonable.	Yes Excavation of all soil exceeding CULs is expected to be faster, but time frame still reasonable.	Yes Excavation of all soil exceeding CULs is expected to be faster, but time frame still reasonable.
Consistent with current use of site, surrounding area, & resources?	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.
Consistent with planned future use of site, surrounding area, & resources?	Yes Removes sources to surrounding area.	Yes Removes sources to surrounding area.	Yes Removes sources to surrounding area.	Yes Removes sources to surrounding area.
Availability of alternate water supply	Not Applicable Groundwater not used	Not Applicable Groundwater not used	Not Applicable Groundwater not used	Not Applicable Groundwater not used
Effectiveness and reliability of institutional controls	Moderate Design future structures to limit vapor intrusion.	Moderate Maintain pavement, and design future structures to limit vapor intrusion.	Moderate Maintain pavement, and design future structures to limit vapor intrusion.	Moderate Maintain pavement, and design future structures to limit vapor intrusion.
Ability to monitor and control chemical migration from site	Yes Monitored using wells. Chemical migration limited using injection and existing and expanded AS/SVE.	Yes Monitored using wells. Chemical migration limited using injection and existing and expanded AS/SVE.	Yes Monitored using wells. Chemical migration limited using existing and expanded AS/SVE.	Yes Monitored using wells. Chemical migration limited using existing AS/SVE.

Table F-2B - Evaluation of Other Requirements - Groundwater

Alternative No.	2a - Excavate TCE to CUL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2b - Excavate TCE to REL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2c - Excavate TCE to REL, MNA across TCE plume, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2d - Excavate TCE to REL, ERD, PCB-containing caulk removal, MNA to west of existing AS/SVE, institutional controls for vapor	
Brief Description	Excavate soil that exceeds the CUL for TCE and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform groundwater monitoring on all the existing monitoring wells for 30-year period. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Establish institutional controls for vapor intrusion. AS/SVE system operates but is not expanded.	
Permanent to maximum extent practicable? [disproportionate cost analysis, WAC 173-340-360(3)]					
Benefit evaluation					
Overall protectiveness	30%	8 Contaminated materials are removed from site, halogenated VOCs are destroyed due to ERD, and VC levels in groundwater are reduced due to AS/SVE expansion. Workers and public may be affected by large movement of soils containing volatiles.	6.5 Contaminated materials are removed from site, halogenated VOCs destruction is accelerated due to ERD, and VC levels in groundwater are reduced due to AS/SVE expansion. Some contaminated materials remain on site which exceed the CUL.	5 Contaminated materials are removed from site, monitored natural attenuation for residual contaminants, and VC levels in groundwater are reduced due to AS/SVE expansion.	3.5 Contaminated materials are removed from site, VOC destruction is accelerated by ERD, and VC levels in groundwater are reduced due to AS/SVE.
Permanence	20%	8 Contaminants are disposed of at a landfill. Residual contaminants are destroyed by ERD or removed via AS/SVE.	6 Contaminants are disposed of at a landfill (less disposal than Alternative 2a). Residual contaminants are destroyed by ERD or removed via AS/SVE.	4 Contaminants are disposed of at a landfill (less disposal than Alternative 2a). Residual contaminants are converted during MNA or removed via AS/SVE.	5 Contaminants are disposed of at a landfill (less disposal than Alternative 2a). Residual contaminants are destroyed by ERD or removed via AS/SVE.
Effectiveness over long-term	20%	9 Most contaminated materials are removed. Removal of remaining contaminants is expedited due to AS/SVE expansion and ERD.	7 Contaminated materials are removed, although less than Alternative 2a. Removal of remaining contaminants is expedited due to AS/SVE expansion and ERD.	5 Contaminated materials are removed. Removal of contaminants near the LDW is expedited due to AS/SVE expansion. Removal of residual contaminants occurs via MNA.	6 Contaminated materials are removed. Removal of contaminants near the LDW is expedited due to existing AS/SVE. Removal of remaining contaminants is expedited due to AS/SVE and ERD.
Management of short-term risks	10%	3 Large portions of contaminated soils are exposed, transported, and disposed off-site.	5 Moderate portions of contaminated soils are exposed, transported, and disposed off-site.	5 Moderate portions of contaminated soils are exposed, transported, and disposed off-site.	3 Moderate portions of contaminated soils are exposed, transported, and disposed off-site. Vinyl chloride may increase during ERD and therefore this remedy may not be sufficient in the short term.
Technical and administrative implementability	10%	4 Technology is proven or has been demonstrated on surrounding sites. However, excavation and ERD areas are large.	6 Technology is proven or has been demonstrated on surrounding sites. However, ERD area is large.	8 Technology is proven or has been demonstrated on surrounding sites.	7 Technology is proven or has been demonstrated on surrounding sites. However, ERD area is large.
Consideration of public concerns	10%	5 Visible impacts would be sizeable and large quantity of excavated contaminated materials are transported through the surrounding neighborhood. However, the surrounding area is industrial.	7 Visible impacts would be present in select areas; however, the surrounding area is industrial and excavated quantities would not be exceptional.	7 Visible impacts would be present in select areas; however, the surrounding area is industrial and excavated quantities would not be exceptional.	7 Visible impacts would be present in select areas; however, the surrounding area is industrial and excavated quantities would not be exceptional.
Overall weighted benefit score	100%	7.0	6.4	5.3	5.0

Table F-2B - Evaluation of Other Requirements - Groundwater

Alternative No.	2a - Excavate TCE to CUL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2b - Excavate TCE to REL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2c - Excavate TCE to REL, MNA across TCE plume, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2d - Excavate TCE to REL, ERD, PCB-containing caulk removal, MNA to west of existing AS/SVE, institutional controls for vapor
Brief Description	Excavate soil that exceeds the CUL for TCE and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform groundwater monitoring on all the existing monitoring wells for 30-year period. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Establish institutional controls for vapor intrusion. AS/SVE system operates but is not expanded.
Cost evaluation (\$M)				
Initial capital cost to construct	18.04	3.43	0.78	3.29
Annual O&M cost	0.66	0.66	0.42	0.34
Estimated restoration time frame [years]	10	10	20	20
O&M cost over restoration timeframe	6.61	6.61	8.43	6.84
Total cost over life of remedy	24.65	10.04	9.22	10.12
Ratio of benefit/cost	0.28	0.63	0.58	0.49

NOTES:
AS/SVE = air sparging/soil vapor extraction system; ERD = enhanced reductive dechlorination; µg/L = microgram per liter; MNA = monitored natural attenuation; PCB = polychlorinated biphenyl; REL = remediation level;
TCE = trichloroethylene; VC = vinyl chloride

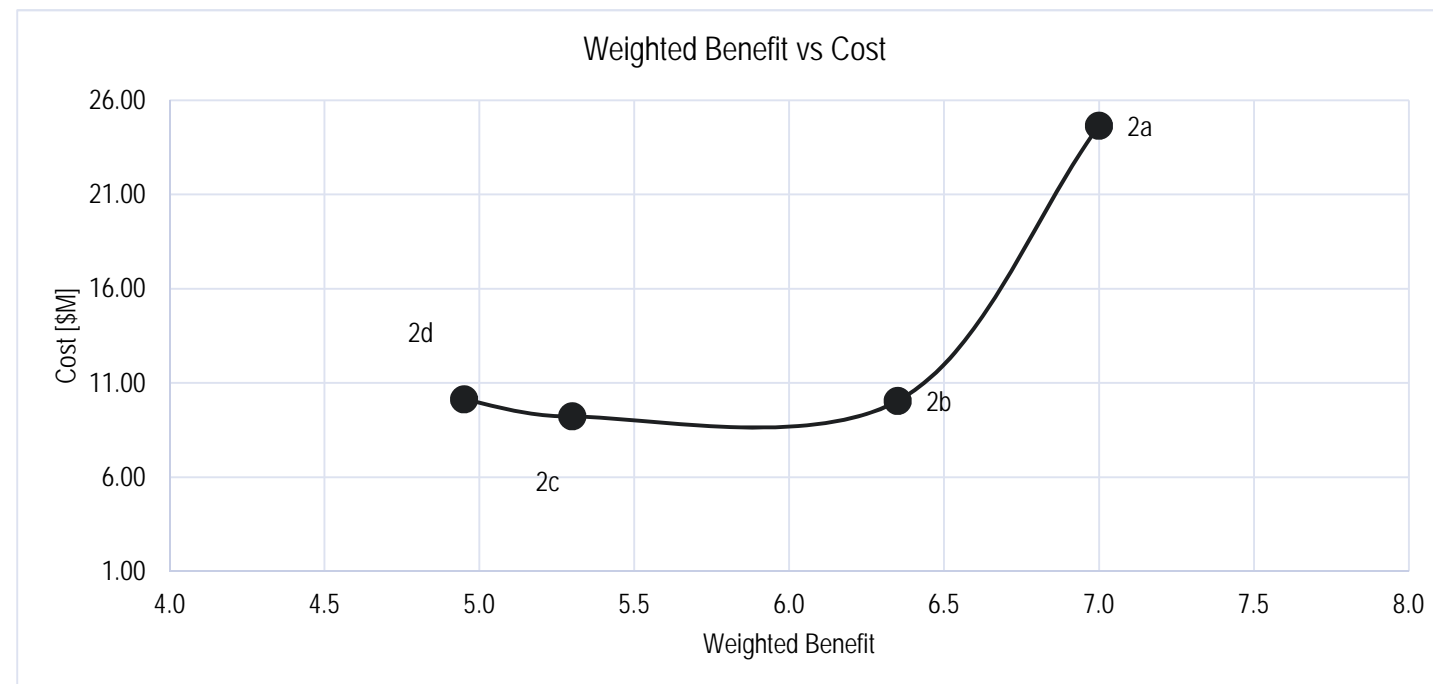


Table F-2C - Cost Breakdown for Groundwater Alternatives

Alternative No.	2a - Excavate TCE to CUL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2b - Excavate TCE to REL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2c - Excavate TCE to REL, MNA across TCE plume, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2d - Excavate TCE to REL, ERD, PCB-containing caulk removal, MNA to west of existing AS/SVE, institutional controls for vapor
Brief Description	Excavate soil that exceeds the CUL for TCE and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform groundwater monitoring on all the existing monitoring wells for 30-year period. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Establish institutional controls for vapor intrusion. AS/SVE system operates but is not expanded.
Capital Costs				
Capital Direct Cost (Installed)				
Mob/Demob	\$1,000	\$99	\$50	\$97
Site Survey	\$10	\$15	\$15	\$15
Concrete breaking	\$842	\$42	\$42	\$26
Shoring system				
Excavation of solid waste	\$533	\$12	\$12	\$10
Off-site disposal of solid waste excavated	\$3,680	\$125	\$125	\$97
Borrowed clean fill	\$1,333	\$29	\$29	\$24
Surface Restoration/capping	\$3,078	\$29	\$29	\$29
AS Well Driller/Installation	\$30	\$30	\$30	
Injection Event	\$860 157 points, 8 per day per event, 3 events	\$860 157 points, 8 per day per event, 3 events		\$860 157 points, 8 per day per event, 3 events
Initial Injection Event				
Plumbing	\$25	\$25	\$25	
Treatment equipment	\$10	\$10	\$10	
Water disposal/ treatment				
Catch basin/filter installation				
Sampling/analysis for the compliance measure	\$138	\$40	\$40	\$40
Installing new wells	\$150	\$10	\$10	\$10
Reagent	\$934	\$934		\$934
Well Abandonment	\$27	\$1	\$1	\$1
Capital Indirect Costs				
Engineering/Oversite/Documentation	\$3,795	\$678	\$170	\$658
Ecology Oversight	\$50	\$50	\$70	\$70
Construction QA and Management	\$140	\$140	\$17	\$123
Closure Documentation	\$49	\$49	\$49	\$49
Tukwila Business Permit	\$10	\$10	\$10	\$10
Combined Tukwila Taxes and Fees (10% capital costs, 2% Labor)	\$1,346	\$244	\$48	\$232
Total Capital Cost	\$18,040	\$3,433	\$782	\$3,286

Table F-2C - Cost Breakdown for Groundwater Alternatives

Alternative No.	2a - Excavate TCE to CUL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2b - Excavate TCE to REL, ERD, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2c - Excavate TCE to REL, MNA across TCE plume, PCB-containing caulk removal, AS/SVE expansion, institutional controls for vapor	2d - Excavate TCE to REL, ERD, PCB-containing caulk removal, MNA to west of existing AS/SVE, institutional controls for vapor
Brief Description	Excavate soil that exceeds the CUL for TCE and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform groundwater monitoring on all the existing monitoring wells for 30-year period. Remove PCB-containing caulk near MW-16A and MW-34A. Expand existing AS/SVE system to the west. Establish institutional controls for vapor intrusion.	Excavate soil that exceeds the REL for TCE (5 µg/L) and is above 15 feet bgs. Perform injection to promote ERD. Remove PCB-containing caulk near MW-16A and MW-34A. Establish institutional controls for vapor intrusion. AS/SVE system operates but is not expanded.
Periodic Costs				
Semi-Annual Vapor Control Maintenance	\$266 10 year total	\$266 10 year total	\$300 15 year total	\$335 20 year total
Cap Inspection/Maintenance Costs- Institutional Control	\$10	\$10	\$10	\$10
Annual Sampling/Monitoring/Reporting*	\$5,160 20 year total	\$5,160 10 year at TCE plume, 20 years west of AS/SVE (20 total)	\$6,450 30 year at TCE plume, 20 years west of AS/SVE (30 total)	\$4,952 10 year at TCE plume, 30 years west of AS/SVE (30 total)
Project Management/Seal Inspection	\$104	\$104	\$104	
5-Year Reporting	\$936 4 reports	\$936 4 reports	\$1,404 6 reports	\$1,404 6 reports
Combined Sales Tax for Tukwila, Washington (10% capital costs, 2% Labor)	\$130	\$130	\$165	\$134
Total Periodic Cost: (@2019)	\$6,606	\$6,606	\$8,434	\$6,835
Total Cleanup Cost (Capital + Periodic Cost): @ 2019yr				
Average	\$24,646	\$10,039	\$9,216	\$10,121
Low End (-30%)	\$17,252	\$7,027	\$6,451	\$7,085
High End (+50%)	\$36,969	\$15,058	\$13,824	\$15,182

NOTES:

*Annual stormwater maintenance costs are incurred by owner/tenant and not included within this cost estimate.

Costs do not include net present worth adjustment.

Costs are in thousands of dollars.

AS/SVE = air sparge/soil vapor extraction; CUL = preliminary cleanup level; ERD = enhanced reductive dechlorination; MNA = monitored natural attenuation; PCB = polychlorinated biphenyl; REL = remediation level; TCE = trichloroethylene; VC = vinyl chloride

Table F-3A - Evaluation of Threshold Requirements - Northwest Area

Preliminary Alternative	Protects human health and the environment	Complies with cleanup standards	Complies with applicable state and federal laws	Provides for compliance monitoring	Carried Forward
No action	No	No	No	No	No
ISCO with MNA	Yes	Yes	Yes	Yes	Yes
Pump and treat	Yes	Yes	Yes	Yes	Yes
Permeable reactive barrier	Yes	Yes	Yes	Yes	Yes
Cap and institutional controls	No	No	Yes	Yes	No
MNA only	No	No	Yes	Yes	No

NOTES:

ISCO = in situ chemical oxidation; MNA = monitored natural attenuation

Table F-3B - Evaluation of Other Requirements - Northwest Area

Alternative No.	3a - Pump and treat	3b - Permeable reactive barrier	3c - ISCO with MNA
Brief Description	Install groundwater removal and treatment system. Requires installation of 6 extraction wells. Consists of pumps, filters, and sparging tank. Discharges to sanitary sewer.	Install 200 feet of permeable reactive barrier along the north boundary of the northwest area that jogs southwards for 5 feet at the far west that treats water as it moves through.	Inject ISCO reagent into northwest corner 2 times a years for 3 years for groundwater remediation.
Considers public concerns?			
Considers public concerns?	Yes	Yes	Yes
Reasonable restoration time frame? [WAC 173-340-360(4)]			
Estimated restoration time frame (years)	15	15	4
Toxicity of COCs	High Gasoline and VC	High Gasoline and VC	High Gasoline and VC
Risk to human health and environment during remedy	Low Workers will have low exposures	Low Workers will have low exposures	Low Workers will have low exposures
Has natural attenuation been documented to occur on site?	Yes Not applicable to this alternative	Yes Not applicable to this alternative	Yes MNA used in this alternative
Practical to achieve shorter restoration time frame? (includes consideration of natural attenuation)	Yes ISCO is expected to be faster	Yes ISCO is expected to be faster	No --
Consistent with current use of site, surrounding area, & resources?	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.	Yes Property is vacant. Activities will not affect surrounding businesses.
Consistent with planned future use of site, surrounding area, & resources?	Yes Removes sources to surrounding areas	Yes Removes sources to surrounding areas	Yes Removes sources to surrounding areas
Availability of alternate water supply	Not Applicable Alternate water supply not needed	Not Applicable Alternate water supply not needed	Not Applicable Alternate water supply not needed
Effectiveness and reliability of institutional controls	Yes Maintain pavement	Yes Maintain pavement	Yes Maintain pavement
Ability to monitor and control chemical migration from site	Yes Monitored using wells. Chemical migration limited using extraction wells.	Yes Monitored using wells. Chemical migration limited using permeable reactive barrier.	Yes Monitored using wells.

Table F-3B - Evaluation of Other Requirements - Northwest Area

Alternative No.		3a - Pump and treat	3b - Permeable reactive barrier	3c - ISCO with MNA
Brief Description		Install groundwater removal and treatment system. Requires installation of 6 extraction wells. Consists of pumps, filters, and sparging tank. Discharges to sanitary sewer.	Install 200 feet of permeable reactive barrier along the north boundary of the northwest area that jogs southwards for 5 feet at the far west that treats water as it moves through.	Inject ISCO reagent into northwest corner 2 times a years for 3 years for groundwater remediation.
Permanent to maximum extent practicable? [disproportionate cost analysis, WAC 173-340-360(3)]				
Benefit evaluation				
Overall protectiveness	30%	5 Contaminants are removed from the groundwater, however, contaminants absorbed to soil remain and will slowly degrade.	6 Contaminants are retained on the permeable wall but still will take time to break down naturally.	8 Contaminants are destroyed in the groundwater.
Permanence	20%	8 Contaminants are removed from the groundwater, however, contaminants which are absorbed to soil remain.	8 Contaminants are retained on the wall and degrade before migrating offsite.	7 Contaminants are destroyed in the groundwater. Contaminant concentration rebound may occur.
Effectiveness over long-term	20%	4 Contaminants are removed from the groundwater. However, diminishing returns are expected over the long term.	4 Contaminants are retained on the permeable wall but still will take time to break down naturally.	9 Contaminants are destroyed in the groundwater.
Management of short-term risks	10%	5 Lower short term risks.	3 Groundwater gradient/flow uncertain in the NW corner.	3 Reagents will need careful management to prevent offsite movement. Contaminant concentration rebound may occur.
Technical and administrative implementability	10%	3 Implementability is low for this area, because of limited accessibility and existing structures.	3 Implementability is low for this area, because of limited accessibility and existing structures.	5 Implementability is low for this area, but higher than other alternatives, because of limited accessibility and existing structures.
Consideration of public concerns	10%	8 Public concerns are relatively low, because groundwater remediation would be occurring ex-situ.	8 Public concerns are relatively low, because groundwater remediation would be occurring in-situ.	5 Groundwater remediation would be occurring in-situ, but the public may be concerned of reagents migrating to the Duwamish.
Overall weighted benefit score	100%	5.5	5.6	6.9
Cost evaluation (\$M)				
Initial capital cost to construct		0.37	1.58	1.77
Annual O&M cost		0.41	0.12	0.21
Estimated restoration time frame [years]		15	15	4
O&M cost over restoration timeframe		6.17	1.73	0.84
Total cost over life of remedy		6.54	3.31	2.60
Ratio of benefit/cost		0.84	1.69	2.65

NOTES:

ISCO = in situ chemical oxidation; MNA = monitored natural attenuation; PCB = polychlorinated biphenyl;

TCE = trichloroethylene; VC = vinyl chloride

Table F-3B - Evaluation of Other Requirements - Northwest Area

Alternative No.	3a - Pump and treat	3b - Permeable reactive barrier	3c - ISCO with MNA
Brief Description	Install groundwater removal and treatment system. Requires installation of 6 extraction wells. Consists of pumps, filters, and sparging tank. Discharges to sanitary sewer.	Install 200 feet of permeable reactive barrier along the north boundary of the northwest area that jogs southwards for 5 feet at the far west that treats water as it moves through.	Inject ISCO reagent into northwest corner 2 times a years for 3 years for groundwater remediation.

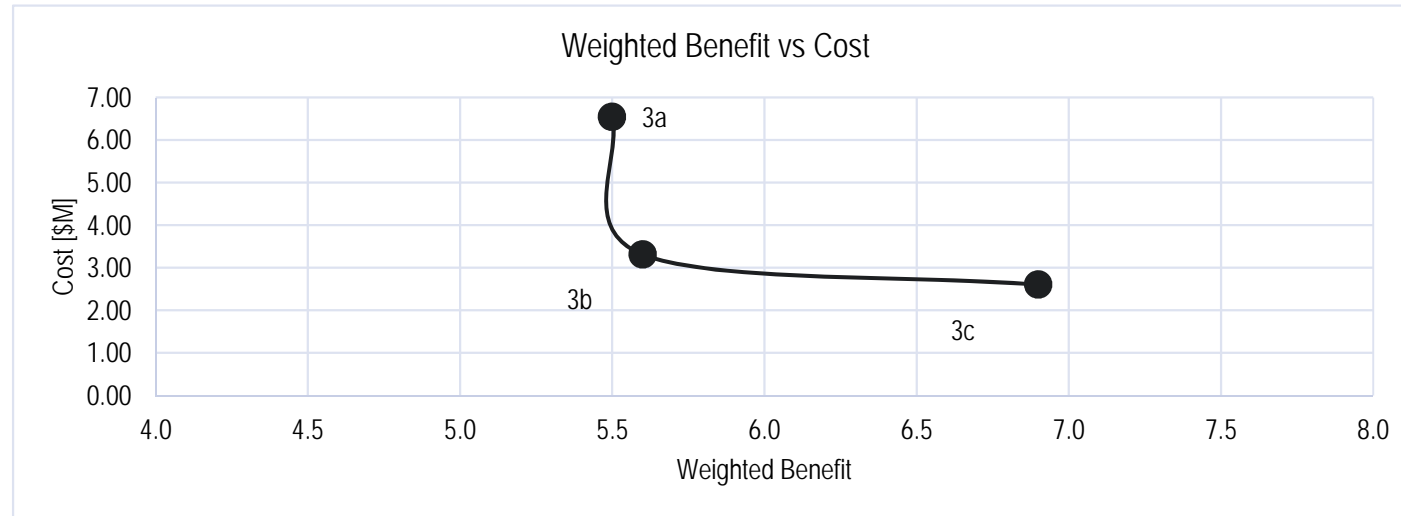


Table F-3C - Cost Breakdown for Northwest Area Alternatives

Alternative No.	3a - Pump and treat	3b - Permeable reactive barrier	3c - ISCO with MNA
Brief Description	Install groundwater removal and treatment system. Requires installation of 6 extraction wells. Consists of pumps, filters, and sparging tank. Discharges to sanitary sewer.	Install 200 feet of permeable reactive barrier along the north boundary of the northwest area that jogs southwards for 5 feet at the far west that treats water as it moves through.	Inject ISCO reagent into northwest corner 2 times a years for 3 years for groundwater remediation.
Capital Costs			
Capital Direct Cost (Installed)			
Mob/Demob	\$6		\$6
Site Survey			
Concrete breaking			
Shoring system			
Excavation of solid waste			
Off-site disposal of solid waste excavated			
Borrowed clean fill			
Surface Restoration/capping			
Injection Event		\$959 See Note 1	\$352 17 points, 6 per day per event, 6 events
Trenching/piping	\$50		
Plumbing	\$25		
Treatment equipment	\$95		
Water disposal/ treatment			
Catch basin/filter installation			
Sampling/analysis for the compliance measure			
Installing new wells	\$40	\$12	\$12
Reagent			\$740
Well Abandonment			\$3
Capital Indirect Costs			
Engineering/Oversite/Documentation	\$71	\$291	\$364
Ecology Oversight	\$50	\$50	\$20
Construction QA and Management		\$150	\$136
Closure Documentation			
Tukwila Business Permit	\$10	\$10	\$10
Combined Tukwila Taxes and Fees (10% capital costs, 2% Labor)	\$24	\$107	\$122
Total Capital Cost	\$371	\$1,579	\$1,765

Table F-3C - Cost Breakdown for Northwest Area Alternatives

Alternative No.	3a - Pump and treat	3b - Permeable reactive barrier	3c - ISCO with MNA
Brief Description	Install groundwater removal and treatment system. Requires installation of 6 extraction wells. Consists of pumps, filters, and sparging tank. Discharges to sanitary sewer.	Install 200 feet of permeable reactive barrier along the north boundary of the northwest area that jogs southwards for 5 feet at the far west that treats water as it moves through.	Inject ISCO reagent into northwest corner 2 times a years for 3 years for groundwater remediation.
Periodic Costs			
Water disposal	\$4,500 Sanitary sewer disposal (15 years)		
Annual Sampling/Monitoring/Reporting*	\$900 15 years	\$1,050 15 years @ \$70K/year	\$200
Project Management	\$50	\$50	\$20
Reporting	\$600	\$600	\$600
Combined Sales Tax for Tukwila, Washington (10% capital costs, 2% Labor)	\$121	\$34	\$16
Total Periodic Cost: (@2019)	\$6,171	\$1,734	\$836
Total Cleanup Cost (Capital + Periodic Cost): @ 2019yr			
Average	\$6,542	\$3,313	\$2,601
Low End (-30%)	\$4,579	\$2,319	\$1,821
High End (+50%)	\$9,813	\$4,970	\$3,901

NOTES:

1 Costs derived from a similar project completed by Clearcreek Contractors. Previous project was a 700 feet long PRB with ZVI mixed with sand. The PRB was 27ft deep and 12-15ft wide. The PRB was installed using a bio-slurry due to groundwater. The PRB cost \$1.6M for materials and labor (includes \$625K for ZVI and sand). This equates to 3.702E-4 \$M per cubic yard of PRB.

*Annual stormwater maintenance costs are incurred by owner/tenant and not included within this cost estimate.

Costs do not include net present worth adjustment.

Costs are in thousands of dollars.

AS/SVE = air sparge/soil vapor extraction; ISCO = in situ chemical oxidation; MNA = monitored natural attenuation; PRB = permeable reactive barrier; TCE = trichloroethylene; ZVI = zero valent iron