LONG-TERM COMPLIANCE MONITORING PLAN

Time Oil Bulk Terminal
Seattle, Washington

February 10, 2023

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PREPARED FOR:
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1 Introduction

This Long-Term Compliance Monitoring Plan (LTCMP) has been prepared for TOC Seattle Terminal 1, LLC (TOCST) to document the long-term monitoring required for a portion of the Time Oil Bulk Terminal site [1] (Site) located on W. Commodore Way in Seattle, Washington. For the purposes of this document, the Property is defined as the four parcels within the Site commonly identified as the Bulk Terminal parcel, ASKO Hydraulic parcel (ASKO parcel), East Waterfront parcel, and West Waterfront parcel and the associated right of ways (ROWs). These parcels were acquired by TOCST in November 2020 and are subject to cleanup actions and associated compliance monitoring under the terms of a Prospective Purchaser Consent Decree (PPCD) entered in King County Cause No. 20-2-15215-3 SEA (as amended). The Property encompasses a total of 10.42 acres, with 5.67 acres south of W. Commodore Way and 4.75 acres north of the roadway and along the Salmon Bay shoreline, and is further divided into the Shoreline Area of Concern (AOC)[2] (i.e., East and West Waterfront parcels) and the Upland AOC (i.e., Bulk Terminal and ASKO parcels). The Site also includes adjoining BNSF Railway Company (BNSF) property (BNSF parcel) and a Washington State Department of Natural Resources (DNR) Aquatic Waterway Use parcel (DNR parcel), and other potentially impacted areas including sediment in Salmon Bay, these areas are not subject to this LTCMP or the requirements of the PPCD.

Between July and December 2021, a cleanup action was performed to satisfy requirements of the PPCD and was based on the design requirements presented in the Engineering Design Report (EDR; CRETE 2021) and the Cleanup Action Plan (CAP; Ecology 2020). The Remedial Action Completion Report (RACR; CRETE 2022) documents details of the completed remedial action. This LTCMP provides the required post-construction and post-property development monitoring and includes a Groundwater Monitoring Plan (GMP; see Appendix A), Soil and Remedial Element Management Plan (SREMP; see Appendix B), and a Vapor Intrusion (VI) Assessment and Mitigation Plan (see Section 2.3). The GMP addresses both the Upland and Shoreline AOCs, while the SREMP and VI Assessment and Mitigation Plan apply to the Upland AOC only.

This LTCMP, including the attached appendices, may be revised in the future to accommodate changes in site conditions. Proposed changes to the LTCMP will be completed with coordination and oversight from Ecology.

[1] The parcels include King County Parcel Nos. 1125039050, 1125039081, 1125039120, and 4237900405, also referenced as Property for purposes of this LTCMP. The legal definition of the Site is set forth in the PPCD.
[2] The cleanup action was completed on the east waterfront parcel of the Shoreline AOC.

2 Site Monitoring

2.1 Groundwater Monitoring Plan

Appendix A includes a final GMP that outlines the groundwater monitoring program for the Property. The GMP documents groundwater monitoring well locations, sampling frequency, analytes, and data analysis procedures. The GMP includes performance and confirmation groundwater monitoring programs for the Shoreline and Upland AOCs.

This GMP is consistent with the general requirements identified in the draft GMP presented in the CAP, with certain refinements to accommodate as-built conditions following the cleanup and adjustments associated with the groundwater monitoring network.

2.2 Soil and Remedial Element Management Plan

The SREMP is included in Appendix B and includes best management practices for soil handling and disposal and worker protection in the event that future property operational or construction activities disturb capped areas and the soils on the Upland AOC. The SREMP is a requirement of the CAP to define the on-going monitoring and maintenance program for confirming the long-term effectiveness of the cleanup action. The SREMP is also considered part of site controls to be used in conjunction with future ground-disturbing activities. Note that the SREMP does not apply to the Shoreline AOC since soil remediation was performed to the Cleanup Levels (CULs).

2.3 VI Assessment and Mitigation Plan

Currently, the Upland AOC is undeveloped and no permanent buildings or structures have been installed. All disturbed surfaces and remediation areas were stabilized with compacted ballast rock to create a firm final surface and the area is fenced to restrict site access. Future development plans include the construction of site buildings and the installation of permanent caps that include parking areas, driving lanes and landscaped areas.

Appendix C includes the results of a preliminary VI assessment for the Site and a VI mitigation plan for the planned site buildings. The preliminary VI assessment was conducted in general accordance with Ecology guidance (Ecology 2022), and the findings conclude that remaining contamination within the Upland AOC is likely present at concentrations above screening levels protective of indoor air; thus, the potential exists for indoor air to be contaminated in future buildings. Based on the findings of the preliminary VI assessment, preemptive mitigation measures will be included in the construction of all future buildings. Mitigation measures and monitoring are discussed in Appendix C.

3 Site Reporting

Following Ecology's approval of the LTCMP, annual LTCMP reports will be prepared and submitted to Ecology to document post-cleanup action monitoring activities. The annual reports will include, at a minimum:

- A summary of all monitoring activities and data collected per the LTCMP for the previous year, including the results of vapor intrusion assessment(s) and a summary of contingency actions if warranted;
- An assessment of compliance with groundwater CULs and cleanup standards;
- Indications of organic contaminant degradation;
- Long-term groundwater quality trends and flow patterns;
- Recommendations for updates to monitoring locations or frequency (as appropriate);
- Summary of any vapor barrier repairs completed or VI monitoring data collected;
- Summary of inspection and maintenance activities performed in accordance with the SREMP, including actions taken to address issues identified in the previous year;
- Summary of Property modifications, including any changes in use, accidents, or upsets that could affect components of the remedial action.

These reports will be submitted by March 1 for the prior calendar year.

In addition to the annual LTCMP report, progress reports will be prepared on a quarterly basis, in accordance with the requirements of the PPCD, and submitted to Ecology via email no later than the 15th day following each quarterly reporting period (April 15, July 15, October 15 and January 15). The progress reports will document work completed and planned and will also include all other information specified in Section XII of the PPCD. Progress reports will include any planned VI work, including indoor air sampling events and any planned vapor barrier disturbances.

4 References

CRETE 2022b. Remedial Action Completion Report. Prepared by CRETE Consulting, LLC, January 31, 2022.

CRETE 2021. Engineering Design Report. Prepared by CRETE Consulting, LLC, June 28, 2021.

Ecology 2022. Ecology's Guidance for Evaluating Vapor intrusion in Washington State, Publication No. 09-09-047. Prepared by Washington State Department of Ecology, March 2022.

Ecology 2020. Cleanup Action Plan. Prepared by Washington State Department of Ecology, September 28, 2020.

Appendix A

Groundwater Monitoring Plan

Time Oil Bulk Terminal

Groundwater Monitoring Plan

Prepared for

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January 2023

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100% Recycled Paper

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LIMITATIONS

This report has been prepared for the exclusive use of Cantera Development Group, LLC, their authorized agents, and regulatory agencies. It has been prepared following the described methods and information available at the time of the work. No other party should use this report for any purpose other than that originally intended, unless Floyd|Snider agrees in advance to such reliance in writing. The information contained herein should not be utilized for any purpose or project except the one originally intended. Under no circumstances shall this document be altered, updated, or revised without written authorization of Floyd|Snider.

The interpretations and conclusions contained in this report are based in part on previous site characterization data collected by others and Floyd|Snider cannot assure the accuracy of this information.

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List of Abbreviations

Abbreviation	Definition
AOC	Area of Concern
ASKO	ASKO Hydraulic
BMP	Best management practice
BNSF	BNSF Railway Company
CAA	Cleanup action area
CAP	Cleanup Action Plan
conductivity	Specific conductance
CPOC	Conditional point of compliance
CUL	Cleanup level
cVOC	Chlorinated volatile organic compound
DCE	Dichloroethene
DO	Dissolved oxygen
DRO	Diesel-range organics
Ecology	Washington State Department of Ecology
FBI	Friedman & Bruya, Inc.
GMP	Groundwater Monitoring Plan
GRO	Gasoline-range organics
IHS	Indicator hazardous substance
ISS	In situ solidification and stabilization
LCS	Laboratory control sample
LCSD	Laboratory control sample duplicate
LNAPL	Light non-aqueous phase liquid
LTCMP	Long-Term Compliance Monitoring Plan
MNA	Monitored natural attenuation
MS	Matrix spike
MSD	Matrix spike duplicate
ORO	Oil-range organics
ORP	Oxidation–reduction potential

Abbreviation	Definition
Owner	Property Owner
penta	Pentachlorophenol
POC	Point of compliance
PQL	Practical quantitation limit
PRB	Permeable reactive barrier
Property	The four parcels identified as “Bulk Terminal,” “ASKO,” “East Waterfront,” and “West Waterfront”
QA	Quality assurance
REL	Remediation level
ROW	Right-of-way
RPD	Relative percent difference
Site	Time Oil Bulk Terminal Site
TCE	Trichloroethene
TPH	Total petroleum hydrocarbons
USEPA	U.S. Environmental Protection Agency
WAC	Washington Administrative Code
WBZ	Water-bearing zone

1.0 Introduction

This Groundwater Monitoring Plan (GMP) is presented as an appendix to the Long-Term Compliance Monitoring Plan (LTCMP) for the Time Oil Bulk Terminal Site (Site). The Site is the location of the former Time Oil Company Seattle Terminal facility located on W. Commodore Way in Seattle, Washington (Property). For the purposes of this document, the Property is defined as the four separate upland parcels within the Site commonly identified as the Bulk Terminal, ASKO Hydraulic (ASKO), East Waterfront, and West Waterfront. A cleanup action was performed in accordance with the Cleanup Action Plan (CAP; Ecology 2020) for the Site.

This GMP provides the basis for groundwater monitoring that is necessary to evaluate effectiveness of the remedial actions and to determine compliance with Site cleanup levels (CULs) for indicator hazardous substances (IHSs; arsenic, gasoline-range organics [GRO], total diesel-range organics [DRO] and oil-range organics [ORO], benzene, trichloroethene [TCE], vinyl chloride, and pentachlorophenol [penta]) specified in the CAP at the applicable point of compliance (POC). Cleanup standards are defined as a CUL combined with a POC where the CUL applies. A conditional POC (CPOC) has been established for the Property, as shown on Figure A.1. This GMP also establishes the monitoring well network and provides detail regarding compliance monitoring, proposed sample analyses, data evaluation, and contingency actions.

A draft GMP was presented as an appendix to the CAP. This revised GMP has been updated to reflect Property conditions after completion of remedial action construction and present a more detailed framework for compliance monitoring. This GMP additionally anticipates future redevelopment plans at the Property and provides for adjustment of the monitoring well network to accommodate redevelopment while continuing to fulfill the objectives of compliance monitoring.

1.1 CLEANUP ACTION SUMMARY

Remedial action construction was completed at the Site between July and December 2021 and included removal or in situ solidification and stabilization (ISS) of contaminated soil acting as a source of IHSs to groundwater in designated cleanup action areas (CAAs) and focused in-situ groundwater treatment as shown on Figure A.1. Those activities, which are documented in the Remedial Action Completion Report Phase 1 (Crete 2022), were designed to remove source soil contributing to groundwater contamination in three water-bearing zones (WBZs) at the Site, including a perched WBZ (encountered only on the ASKO Property), shallow WBZ, and intermediate WBZ. The extents of IHS impacts in groundwater prior to cleanup action construction are shown on Figure A.1.

As part of engineering design, post-remedy groundwater flow patterns were modeled to evaluate the influence of impermeable monoliths created by ISS on the shallow WBZ. Anticipated post-remedy shallow WBZ flow patterns predicted by groundwater modeling were presented in the Engineering Design Report (Crete 2021) and are shown on Figure A.1, with overall flow directions to the north-northwest and localized secondary flow directions around the monoliths under

steeper horizontal gradients that resolved to uniform north-northwesterly horizontal gradients downgradient of the monoliths. Depth-to-water measurements were collected after construction to generally verify the findings of modeling.

The goals of source soil removal for the cleanup action were determined based on the Area of Concern (AOC) in which each CAA was located. In the upgradient Upland AOC, comprising the Bulk Terminal, ASKO, and the adjacent W. Commodore Way right-of-way (ROW), the cleanup action was designed to achieve remediation levels (RELs) in soil to meet CULs long-term in groundwater at the CPOC. In the downgradient Shoreline AOC, comprising the East Waterfront, the cleanup action was designed to achieve CULs in soil to meet CULs in all groundwater downgradient of the CPOC in a shorter time frame.

The cleanup action encompassed multiple CAAs, as shown on Figure A.1 and as summarized as follows.

- In CAA-1 and CAA-2 on the Bulk Terminal, excavation and ISS were conducted to address soil with GRO, total DRO+ORO, and benzene exceeding RELs and contributing to groundwater contamination in the shallow WBZ. Limited petroleum impacts to groundwater in the intermediate WBZ were also present in the W. Commodore Way ROW downgradient of CAA-2. An oxygen-releasing compound (ORC-A) was applied in the northeast and northwest corners of CAA-2 after excavation.
- In CAA-3, located between the Bulk Terminal and ASKO, excavation was conducted to address soil with GRO, total DRO+ORO, benzene, and TCE exceeding RELs. Soil contamination in this CAA was shallow and did not appear to contribute to groundwater contamination.
- In CAA-4 on ASKO, soil with TCE exceeding RELs and contributing to groundwater contamination in the perched, shallow, and intermediate WBZs was addressed by ISS. An in situ groundwater treatment barrier of trademarked colloidal biomatrix (PlumeStop) mixed with sulfidated microscale zero-valent iron was injected along the northern boundary of ASKO, downgradient of CAA-4. Groundwater flowing onto ASKO from the upgradient BNSF property that has elevated concentrations of chlorinated volatile organic compounds (cVOCs) is additionally treated via an interceptor trench and permeable reactive barrier (PRB) wall amended with zero-valent iron. The treated groundwater is infiltrated through an on-Property gravity well.
- In CAA-5 on ASKO, shallow soil with arsenic, GRO, and total DRO+ORO exceeding CULs and contributing to groundwater contamination in the perched WBZ was removed via excavation.
- In CAA-6 on the East Waterfront, soil with GRO, total DRO+ORO, and benzene exceeding CULs and contributing to groundwater contamination in the shallow WBZ was removed via excavation.
- In CAA-7 on the East Waterfront, soil with arsenic exceeding CULs and contributing to limited contamination in the shallow WBZ was removed via excavation.

In CAA-1 and CAA-2 on the Bulk Terminal, removal or ISS of light non-aqueous phase liquid (LNAPL), which had been observed to accumulate in some shallow WBZ monitoring wells, was additionally specified in the CAP. However, at the time of excavation, accumulation of separate-phase LNAPL was not observed. LNAPL removal was completed via excavation of impacted soil at CAA-1 and in the northern portion of CAA-2 in the ROW. ISS was implemented in the southern portion of CAA-2 to encapsulate LNAPL remaining on the Bulk Terminal.

Monitored natural attenuation (MNA) is a component of the cleanup action and is expected to occur in the dissolved-phase organic contaminant plumes remaining after completion of remedial action construction. MNA was not selected as a primary cleanup technology for any area of the Site. The areas where MNA is expected to occur include:

- areas within and downgradient of groundwater plumes where soil contaminant source removal was performed via excavation;
- adjacent to and downgradient of areas where soil source contamination was immobilized with ISS; and
- downgradient of areas where bio-amendments or in situ groundwater treatment were used to accelerate biodegradation of organic contaminants.

The final component of the cleanup action will include installation of a cap and implementation of institutional controls on the Upland AOC in conjunction with property redevelopment to provide a protective barrier to remaining contamination.

1.2 GROUNDWATER MONITORING OBJECTIVES

The objectives of compliance monitoring as stated in Washington Administrative Code (WAC) 173-340-410 include protection monitoring, performance monitoring, and confirmation monitoring. The GMP fulfills the objectives of performance and confirmation monitoring as described as follows:

- **Performance Monitoring** is used to confirm that the cleanup action has attained cleanup standards and other performance standards. Short-term performance monitoring will be conducted for the first 2 to 4 years (refer to Section 3.0) after remedy construction to document that remedial goals are being achieved. Long-term performance monitoring will be conducted until cleanup standards have been attained, which is defined as meeting CULs at the CPOC and downgradient of the CPOC.
- **Confirmation Monitoring** is used to confirm the long-term effectiveness of the cleanup action after completion of the preferred remedy once cleanup standards have been attained. Confirmation monitoring will include long-term groundwater monitoring to confirm that IHS concentrations remain less than the CULs at the CPOC and downgradient of the CPOC.

Specific details provided in this GMP are subject to change based on post-remedy conditions and plans for Property redevelopment. The specific monitoring locations and analytical schedule may also be adjusted during implementation of this plan in coordination with the Washington State Department of Ecology (Ecology) if needed to meet the objectives of performance monitoring and compliance monitoring as described in this section. Implementation of this plan will be the responsibility of the Property Owner (Owner).

1.3 PROPERTY REDEVELOPMENT STATUS

Redevelopment planning and permitting is in progress for the two Upland AOC parcels. Building permits for the property redevelopment, which will include several buildings, stormwater detention structures, and buried utilities, have been submitted to the City of Seattle for review and approval. Redevelopment will begin with grading and utility installation after building permits are issued, which is expected to occur during June or July 2023. Initial groundwater monitoring under this plan will begin prior to earth work for redevelopment construction.

Impacts to the monitoring well network and modifications to the network to accommodate property redevelopment are discussed in further detail in Section 2.0. Locations of the planned buildings are shown on Figure A.2. An Ecology coordination meeting will be scheduled after July 2023 to review the initial groundwater monitoring results obtained prior to redevelopment to confirm the post-redevelopment monitoring network. The scope of the redevelopment-focused coordination meeting is discussed in Section 3.1.

2.0 Well Decommissioning and Installation Plan

A monitoring well network will be established at the Property to assess performance of the cleanup action and compliance with the CULs for groundwater specified in the CAP. This network will include monitoring wells located at the CPOC for the Property and downgradient of the CPOC to measure compliance with cleanup standards, wells upgradient of the CPOC to measure and quantify the effects of remediation, and sentinel wells to monitor the nature and extent of contaminants in groundwater when CULs have not been achieved at the CPOC or to evaluate plume boundary conditions.

The existing network of monitoring wells will be used for groundwater monitoring to the extent possible; however, many wells required decommissioning during cleanup action implementation due to their location (i.e., within ground-disturbing remediation areas) or their construction. Additional monitoring wells will be installed to replace certain decommissioned wells and fill remaining gaps in the monitoring well network. The current status of Site wells is shown on Figure A.2. The proposed short-term performance monitoring includes monitoring well locations as shown on Figure A.3a and A.3b and is discussed in further detail in Section 3.0. The proposed long-term monitoring includes monitoring well locations as shown on Figure A.4. The long-term monitoring, which includes a sentinel well monitoring network, is discussed in further detail in Section 4.0.

2.1 STATUS OF EXISTING MONITORING WELL NETWORK

Consistent with the September 2020 draft GMP and in coordination with Ecology, several wells were decommissioned prior to cleanup action construction by a licensed driller in accordance with Washington State Minimum Standards (WAC 173-160). The remaining monitoring well network was preserved to the extent possible during cleanup action construction; however, many wells within and adjacent to ground-disturbing areas were decommissioned as a best management practice (BMP) in coordination with Ecology. Additional wells that could not be protected during remedial construction were decommissioned during construction in coordination with Ecology. Some wells were also damaged during construction due to operation of heavy equipment. Further assessment of these wells after cleanup action construction was completed, and it was determined that some wells were damaged beyond repair and require decommissioning, whereas others required repair and redevelopment[1] prior to sample collection. A summary of wells that were decommissioned or irreparably damaged prior to and during cleanup action construction is included in Table A.1. Locations of decommissioned and damaged wells and locations of existing wells protected during cleanup action construction are shown on Figure A.2.

[1] Key wells for short-term performance monitoring were repaired and/or redeveloped in December 2022 prior to finalization of this GMP. Repairs included monument replacement (without casing alteration) at 01MW15 and 01MW56. Wells redeveloped included the two repaired wells, 01MW12, and 01MW108.

2.2 MONITORING WELL INSTALLATION

New monitoring wells will replace existing key wells that were decommissioned for remedy construction and complete the monitoring well network for comprehensive monitoring of IHSs. In coordination with Ecology, a phased approach to monitoring well installation was selected to minimize the need for additional protection or reinstallation after Property redevelopment. Replacement monitoring well locations were adjusted slightly from the original well locations where necessary to avoid conflicts with future utility and building construction.

The first phase of wells to be installed after remedial construction and prior to Property redevelopment were installed in December 2022[2] and include the following, as shown on Figure A.3a:

- Replacement of key Bulk Terminal wells decommissioned for remedy construction (shallow WBZ well 01MW19R, intermediate WBZ well 01MW49R)
- Replacement of key ASKO perched WBZ well MW03 that was decommissioned for remedy construction (MW03R)
- Replacement of key East Waterfront shallow WBZ well 02MW04 that was decommissioned for remedy construction (02MW04R)

The second phase of wells to be installed will occur after Property redevelopment is completed and include the following, as shown on Figure A.3b:

- Replacement of additional key Bulk Terminal wells decommissioned for remedy construction (shallow WBZ wells 01MW11R and 01MW90R)
- Replacement of additional ASKO wells decommissioned for remedy construction (shallow WBZ wells 01MW45R, 01MW58R, and 01MW60R)
- Additional well to complete the downgradient well network for ASKO (intermediate well 01MW112)
- Contingency replacement of shallow WBZ well 01MW46 within the cVOC plume on ASKO (01MW46R)
- Contingency well downgradient of ASKO, if needed for additional monitoring (shallow WBZ well 01MW113)
- Replacement of additional East Waterfront shallow WBZ well 02MW20 decommissioned for remedy construction (02MW20R).

The new wells were installed using rotosonic drilling methodology in accordance with the Field Standard Guidelines presented in Attachment A.1. Soils were logged continuously during drilling to identify the appropriate depth for the screened interval. Wells were constructed of 2-inch diameter,

[2] The new key wells for short-term monitoring were installed between December 19 and December 20, 2022, in accordance with Ecology email approval dated November 3, 2022. Well installation was approved in advance of finalization of the GMP to facilitate monitoring beginning in the first quarter of 2023.

0.10-inch slotted PVC screen with 2-inch diameter PVC riser and completed with flush-mounted protective monuments; well screen interval depths are presented in Table A.2. After installation, wells were developed by surging and overpumping in accordance with the procedures presented in Attachment A.1. Purge water was containerized pending characterization for off-site disposal.

Additional wells to be completed after Property redevelopment will be installed and developed consistent with the December 2022 event. Anticipated screen intervals for additional wells are presented in Table A.2. Wells will be developed a minimum of 1 week prior to the first round of sampling.

The horizontal and vertical position of all new wells will be recorded by a licensed surveyor with a horizontal accuracy of ±0.1 foot and a vertical accuracy of ±0.01 foot.

2.3 MONITORING WELL DECOMMISSIONING

An additional phase of monitoring well decommissioning will occur prior to Property redevelopment in the Upland AOC (described in Section 1.3), which is scheduled to begin in mid-2023. Existing monitoring wells that are located within or immediately adjacent to areas with planned infrastructure, significant grading, or beneath building footprints will be decommissioned prior to construction. Additional wells not included in the performance or confirmation monitoring networks are proposed to be decommissioned as a BMP to limit the number of potential pathways for contamination to groundwater at the Property. Wells will be decommissioned by a licensed driller in accordance with Washington State Minimum Standards (WAC 173-160) and include the following as shown on Figure A.2:

- Bulk Terminal wells within structure footprints (01MW06, 01MW08, 01MW40, 01MW105, and 01MW110)
- ASKO wells within structure footprints (01MW15, 01MW46, 01MW57, 01MW80, 01MW108, and MW05)
- Wells that are determined to be in locations that will not yield critical data for performance or compliance:
    - Situated immediately adjacent to another existing well screened within the same interval, serving redundant purposes for performance monitoring (01MW52, 01MW88, 01MW99, and 01MW100)
    - Situated far outside the footprints of IHS impacts pre-remediation (refer to Figure A.1) in the cross- or downgradient directions (01MW111, MW01, and 02MW13)
    - Found to be consistently dry after remedial investigation sampling and additional post-construction gauging (01MW103 and 01MW109)

It should also be noted that additional wells may require decommissioning and relocation if future development activities are likely to damage the wells or render them inaccessible.

Decommissioning and replacement of additional wells are discussed in the short-term and long-term monitoring plans presented in Sections 3.0 and 4.0.

2.4 COMPLIANCE MONITORING WELL NETWORK

The compliance monitoring well network will include various locations to fulfill the objectives of performance and confirmation monitoring and will consist of the following types of wells as shown on Figures A.3a, A.3b, and A.4:

- **Short-Term Quarterly, Semiannual, and Annual Performance:**
  - These locations will be routinely monitored during the short-term monitoring period to assess remedy performance.
- **Short-Term Contingency:**
  - These locations will be monitored as needed (i.e., to evaluate flow pattern changes) throughout short-term monitoring to gather performance data.
- **Long-Term Performance:**
  - These locations will be routinely monitored during the long-term monitoring period and are located upgradient and downgradient of the CPOC in key locations for assessing remedy performance. As IHS concentrations at performance monitoring wells reach CULs, these wells may be transitioned to long-term sentinels to be sampled as necessary to assess overall remedy performance.
- **Long-Term Confirmation:**
  - These locations are situated along the CPOC in the Upland AOC and throughout the Shoreline AOC; once cleanup standards are met at these wells, they will be monitored as necessary to confirm that the cleanup standards continue to be met in the long-term.
- **Long-Term Sentinel:**
  - These locations, situated upgradient and downgradient of the CPOC, will be used to gather information on the contaminant plume extents and overall remedy performance and will be monitored as needed throughout long-term monitoring.

3.0 Short-Term Performance Monitoring

Post-remediation short-term performance monitoring to assess remedy effectiveness within and downgradient of active treatment areas will include assessment of the natural attenuation processes, groundwater flow patterns, and groundwater quality trends after active remediation. Performance monitoring will be initiated within 1 year after completion of remedial construction and is expected to be conducted for a period of 2 years for the Shoreline AOC and a period of 4 years for the Upland AOC before key wells transition to confirmation monitoring. Short-term performance monitoring will be conducted at selected wells on a quarterly to annual basis, as indicated in Table A.2. Wells designated for quarterly performance monitoring will be sampled quarterly for the first 2 years, then transition to a semiannual sampling frequency. Wells designated for semiannual performance monitoring will be sampled during the first and third quarters of the year, beginning in 2023; after redevelopment, sampling of these wells may be shifted to the second and fourth quarters of the year to align more with the end of the wet and dry seasons. Wells selected for annual performance monitoring will be sampled during the first quarter of the year. The wells selected for short-term performance monitoring are shown on Figure A.3a and Figure A.3b and further discussed in the following sections. A detailed field sampling and analytical schedule for each well included in the short-term monitoring program is presented in Attachment A.2; adjustments to the short-term monitoring program as described in the following sections will be proposed in annual reports and will be reflected in updates to Attachment A.2.

3.1 SHORT-TERM PERFORMANCE MONITORING WELL NETWORK

Short-term performance monitoring wells will be sampled for relevant IHSs and parameters that are indicators of natural attenuation of organic compounds as noted in Table A.2. Water levels will be measured at all accessible Property wells during each event to establish post-remedy flow patterns as further described in Section 3.2.

Consistent with Ecology guidance and industry standards, to achieve the goals of performance monitoring for natural attenuation of organic contaminants in groundwater plume(s), the monitoring well network should include at least the following:

- **Upgradient sentinel:** one monitoring well up-gradient of the plume outside the plume boundary to detect changes in background water quality (designated “Upgradient Sentinel” in Table A.2)
- **Source area:** one or more monitoring wells within the source or most impacted area (but outside any free-product zone) to determine effects of source removal
- **Downgradient plume:** two or more monitoring wells, depending on plume length, near the contaminated plume centerline to assess the ability of natural attenuation processes
- **Downgradient sentinel:** one sentinel well beyond the leading edge of the plume and within a 1- to 2-year groundwater flow distance

The proposed well network to fulfill these goals is described in this section and summarized in Table A.2 and shown on Figure A.3a and Figure A.3b.

During short-term performance monitoring, wells that are not anticipated for long-term confirmation monitoring and have sample results for relevant IHSs at concentrations less than the CULs for three consecutive events may be omitted from further sampling or sampled at a lesser frequency in coordination with Ecology (refer to Section 7.0 for additional details regarding modifications to sampling). Additional contingency performance monitoring wells or other wells in the existing network, as shown on Figure A.3a and A.3b, may be sampled for performance monitoring as needed to assess remedy performance. Key performance wells that will be affected by property redevelopment are proposed to be replaced after redevelopment. Other wells that may be affected by property development during the short-term performance monitoring period will be assessed on a case-by-case basis. The Owner may elect to replace the well or monitor an alternate nearby well if additional data are necessary to assess short-term remedy performance, or the Owner may elect to decommission the well without replacement if performance data are no longer needed at that location. Such actions will be taken in coordination with Ecology.

A focused coordination meeting with Ecology will be scheduled after receipt of the initial performance data, prior to the start of Property redevelopment activities. At that time, it is anticipated that groundwater elevation, field parameter, and IHS analytical data will be available from three sampling events and final Property redevelopment plans will be available for the Upland AOC. The purpose of the coordination meeting will be to evaluate the post-redevelopment short-term performance monitoring plan for the following considerations: adjustment of new well locations based on final building footprints and initial post-remediation IHS plume geometry.

- The need for contingency well installation will be evaluated based on initial IHS concentration data at existing wells.
- Wells designated for decommissioning as a BMP will be evaluated based on post-remediation IHS plume geometry and groundwater elevation data/groundwater flow directions.

Potential modifications to the post-redevelopment short-term performance monitoring plan will be implemented after completion of Property grading and utility installation activities upon approval by Ecology and will be documented in the annual report for 2023.

3.1.1 Short-Term Performance Monitoring Well Network: Upland AOC

As described in Section 2.0, short-term monitoring will begin prior to redevelopment and the monitoring well network will not be able to be maintained as ground-disturbance for redevelopment begins. Therefore, the initial short-term network will be monitored for three quarters (likely through June or July 2023) and the monitoring well network will be adjusted slightly after significant earth work for redevelopment construction is complete at the Upland AOC.

Initial shorts-term performance monitoring on the Bulk Terminal will include the following:

- Quarterly monitoring of shallow WBZ wells downgradient of the Property at the edges of the current total petroleum hydrocarbons (TPH) plume (01MW35 and 01MW84) and adjacent to the ISS monolith (01MW19R);
- Semiannual monitoring of wells within the groundwater contaminant plumes and downgradient of ISS and excavation areas (shallow WBZ wells 01MW12 and 01MW40 [until redevelopment] and intermediate WBZ well 01MW49R);
- Annual monitoring of shallow WBZ well 01MW66 in the on-Property penta plume; and
- Contingency monitoring of wells in the downgradient edges of the TPH plume (shallow WBZ wells 01MW105 [until redevelopment], 01MW86, and 01MW87) as needed to assess performance. Shallow WBZ well 01MW87 and intermediate WBZ well 01MW51 will be sampled during the first event to establish post-remedy baseline conditions for those wells.

Short-term performance monitoring on the Bulk Terminal after redevelopment will include the following modifications:

- Installation and semiannual monitoring of shallow WBZ well 01MW90R after 01MW40 is decommissioned; and
- Quarterly wells 01MW19R, 01MW35, and 01MW84 will continue to be sampled on a quarterly basis through the second year of monitoring (eight quarters), then transition to semiannual sampling for the remainder of the short-term performance monitoring period (i.e., 2025 through 2026).

Initial short-term performance monitoring on ASKO will include the following:

- Quarterly monitoring of shallow WBZ wells downgradient of the Property at the edges of the current cVOC plume (01MW53 and 01MW85) and adjacent to the ISS monolith and downgradient of the PRB wall located on the southern parcel boundary (01MW46 [until redevelopment]);
- Semiannual monitoring of wells upgradient and adjacent to the ISS treatment area, downgradient of interceptor trench (shallow WBZ well 01MW15 [until redevelopment]) and immediately downgradient of treatment areas (perched WBZ well MW03R, shallow WBZ wells MW05 [until redevelopment] and 01MW56, and intermediate WBZ well 01MW108 [until redevelopment]); and
- Contingency monitoring of other wells within the groundwater contaminant plume (shallow WBZ wells 01MW80 [until redevelopment] and MW06 [until redevelopment]) and downgradient of the contaminant plume (shallow WBZ wells 01MW89, 01MW107, and MW02) as needed to assess performance. Shallow WBZ well MW06 will be sampled post-remedy and provide comparable data to nearby well MW05 before decommissioning.

Short-term performance monitoring on ASKO after redevelopment will include the following modifications:

- Installation and quarterly monitoring of shallow WBZ well 01MW58R after 01MW46 is decommissioned;
- Installation and semiannual monitoring of shallow WBZ wells 01MW45R and 01MW60R after 01MW15 is decommissioned;
- Semiannual monitoring of MW06 after MW05 is decommissioned;
- If needed, installation and monitoring of shallow WBZ well 01MW46R on-Property within the cVOC contaminant plume;
- If needed, installation and contingency monitoring of shallow WBZ well 01MW113 and intermediate WBZ well 01MW112 downgradient of the contaminant plume; and
- Quarterly wells 01MW53, 01MW58R, and 01MW85 will continue to be sampled on a quarterly basis through the second year of monitoring (eight quarters), then transition to semiannual sampling for the remainder of the short-term performance monitoring period (i.e., 2025 through 2026).

Monitoring wells in the BNSF Railway Company (BNSF) AOC (refer to Figure A.3a and Figure A.3b) will also be maintained and monitored under a separate Ecology agreement with BNSF. Monitoring data from BNSF AOC wells may also be used as needed to assess upgradient groundwater quality and remedy performance on ASKO.

3.1.2 Short-Term Performance Monitoring Well Network: Shoreline AOC

Short-term performance monitoring on the East Waterfront will include the following:

- Quarterly monitoring of shallow WBZ wells within the groundwater contaminant plumes and downgradient of the excavation areas (02MW04R and 02MW19) and other wells within the groundwater TPH plume (shallow WBZ well 02MW07) for eight quarters or until IHS concentrations in these wells are all less than the CULs; and
- Contingency monitoring of property wells outside the contaminant plumes (shallow WBZ wells 02MW03, 02MW17, and 02MW20R [after redevelopment]) as needed to assess performance.

3.2 GROUNDWATER FLOW PATTERN ANALYSIS

Groundwater flow directions and gradients will continue to be evaluated by collecting depth to groundwater measurements in accessible shallow WBZ and intermediate WBZ wells during short-term performance monitoring. If changes to flow patterns are observed, or it is determined that additional data are needed to understand flow patterns and potential contaminant migration with respect to the CPOC or other characteristics of the aquifer, additional elevation measurements will be collected as needed during long-term monitoring.

3.3 NATURAL ATTENUATION ASSESSMENT

MNA assesses the breakdown of hazardous substances to less toxic byproducts by physical, chemical and biological processes (biodegradation) in the subsurface. Groundwater samples will be analyzed during short-term performance monitoring to determine the effectiveness of the cleanup action and natural or enhanced biodegradation. Ecology's MNA guidance (Ecology 2005)[3] notes five primary data quality objectives for performance monitoring for natural attenuation:

- Determining the migration direction of the groundwater plume (determined by water level measurements)
- Measuring the extents of the groundwater plume and mass of contaminants within the plume (determined by IHS concentrations)
- Verifying the occurrence of biodegradation and identifying byproducts resulting from degradation (determined by IHS concentrations and geochemical indicators of MNA)
- Detecting changes in environmental conditions that might reduce the efficacy of natural attenuation (determined by geochemical indicators of MNA)
- Assessing contaminant trends to determine whether MNA will achieve cleanup standards within the estimated restoration time frame (determined by IHS concentrations)

The primary line of evidence for MNA performance is evaluating changes in plume extents and contaminant trends. This is accomplished through direct measurement of IHS concentrations within the plume and at key downgradient locations. Documenting that the plume is stable or receding is the most direct measurement of MNA performance. The IHSs to be monitored for each performance monitoring location are summarized in Table A.2. Sampling and analytical methods are discussed in Section 5.0.

Other indicators of MNA performance include primary geochemical parameters (field parameters) and secondary geochemical parameters (measured by laboratory analyses), which are typically monitored at lesser frequency than IHSs and at more focused locations within and outside of the plume(s). The selection of MNA parameters is informed by the presence or absence of oxygen in groundwater. Groundwater conditions at the Site are expected to vary between aerobic (oxygen-rich) and anaerobic (oxygen-poor) with localized hydrogeologic conditions and the scope of the cleanup actions in a given area. Recommended additional MNA geochemical parameters for evaluation of aerobic and anaerobic degradation, developed in accordance with Ecology guidance (Ecology 2005) and U.S. Environmental Protection Agency (USEPA) technical protocols (USEPA 1998), are discussed in the following sections.

[3] This guidance concerns remediation of sites that are contaminated primarily with TPH and associated petroleum constituents; however, the principles of natural attenuation are also applicable to other organic compounds such as cVOCs.

3.3.1 Attenuation Mechanisms and Parameter Selection for Aerobic Degradation

In aerobic degradation, the organic contaminant is used as an electron donor and oxygen is used as an electron acceptor in the process of microbial respiration. TPH compounds and benzene are readily degraded aerobically (although they may also be degraded anaerobically). Because of the application of ORC-A in the shallow WBZ at the Bulk Terminal, the relatively shallow occurrence of groundwater, and a primarily unpaved ground surface, oxygen is expected to be present in the dissolved phase and aerobic degradation is assumed to be the primary mechanism of natural attenuation on this property. Similarly, aerobic conditions are assumed in the downgradient perched WBZ in the vicinity of CAA-5 on ASKO. Aerobic degradation is also assumed in the shallow WBZ on the East Waterfront due to the high proportion of permeable backfill in areas of groundwater contamination, shallower depths to groundwater, and relatively minimal contaminant mass.

Aerobic degradation is assessed by measurement of primary geochemical parameters, which are defined in the guidance as dissolved oxygen (DO), redox potential or oxidation–reduction potential (ORP), pH, specific conductance (conductivity), and temperature. These parameters can all be measured in the field during groundwater sampling using field instruments such as a multi-parameter water quality meter (refer to Section 5.1.1). The manufacturer of ORC-A additionally recommends monitoring for these primary parameters to evaluate ORC-A performance.

Natural attenuation will be assessed for Bulk Terminal, CAA-5, and East Waterfront petroleum plumes as follows and summarized in Table A.2:

- IHS concentration trends and field geochemical parameters measured within the short-term performance well network will be used to evaluate aerobic petroleum and benzene degradation and attenuation.
- Secondary geochemical parameters will be considered if there is indication that the plume(s) is not stable or receding. Refer to Section 3.4 for additional details.

3.3.2 Attenuation Mechanisms and Parameter Selection for Anaerobic Degradation

In anaerobic degradation, microbes use other available compounds as electron acceptors once oxygen is depleted, while utilizing an organic contaminant or other organic carbon source as an electron donor. These additional electron acceptors typically include nitrate, ferric iron oxyhydroxide, sulfate, and carbon dioxide. Anaerobic degradation is expected to occur in the shallow WBZ on ASKO to factors that limit the accumulation of DO, including deeper groundwater, an overlying low permeability soil layer, and relatively high pre-remediation contaminant mass. Anaerobic conditions are also expected in the intermediate zone on ASKO.

The anaerobic degradation of cVOCs, or reductive dechlorination, involves breakdown of the parent compound TCE to *cis*-1,2-dichloroethene (DCE) and small amounts of *trans*-1,2-DCE, then to vinyl chloride, and finally to ethene. During this process, *Dehalococcoides* bacteria, the bacteria known to dechlorinate TCE, will primarily utilize cVOCs as electron acceptors while using other organic carbon sources such as petroleum hydrocarbons or other natural organic carbon

as electron donors. *Dehalococcoides* bacteria were included in the PlumeStop injection slurry injected along the downgradient property line at ASKO. When reactions occur between electron donors and electron acceptors, metabolic byproducts will form and can include ferrous iron, hydrogen sulfide, chloride, methane, ethane, ethene, hydrogen, increased alkalinity, and lowered ORP.

Anaerobic degradation is assessed by measurement of the primary geochemical parameters identified in Section 3.3.1 and secondary geochemical parameters, all of which are considered important for evaluating MNA per the USEPA technical guidance. Secondary geochemical parameters that are useful for MNA evaluation under anaerobic conditions may include sulfate, nitrate, ferrous iron, and methane. Concentrations of breakdown products of TCE, including intermediate breakdown products (DCE and vinyl chloride) and the end product (ethene and ethane) may also be assessed as a secondary chemical indicator specific to breakdown of cVOCs. These parameters are also recommended periodically (at most annually) at key wells immediately downgradient of the PlumeStop barrier by the manufacturer.

Natural attenuation will be assessed for the ASKO cVOC plume as follows and summarized in Table A.2.

- IHS concentration trends and field geochemical parameters (i.e., primary geochemical parameters) measured within the short-term performance well network will be used to evaluate anaerobic degradation (reductive dechlorination) and attenuation.
- Secondary geochemical parameters, including sulfate/sulfide, nitrate/nitrite, and ferrous iron, will be analyzed semiannually during Year 1 to establish baseline geochemical conditions; after Year 1, secondary geochemical parameters will be collected as needed for evaluation of performance and contingency actions in coordination with Ecology (refer to Section 3.4).
- Secondary geochemical parameters will be analyzed at the following locations:
    - 01MW46, upgradient of the PlumeStop barrier and within the potential radius of potential geochemical influences from infiltration of treated groundwater from the upgradient PRB
    - 01MW56, near the upgradient eastern edge of the PlumeStop barrier and pre-remediation cVOC plume
    - MW05 within the most highly contaminated portion of the pre-remediation TCE plume
    - 01MW85, immediately downgradient of the in situ PlumeStop barrier
- Intermediate breakdown products of TCE will be analyzed at all well locations where TCE is analyzed, and ethene, ethane, and methane will additionally be analyzed annually during Year 1 to gather information about baseline end product concentrations immediately downgradient of the PlumeStop barrier at 01MW85. Ethene, ethane, and methane baseline data will support future performance evaluation (refer to Section 3.3).

3.4 CRITERIA FOR CONTINGENCY SAMPLING

Contingency sample collection and analysis will be conducted as necessary to fulfill the short-term performance monitoring goals. Contingency sampling may include increased sampling frequency and/or monitoring additional wells or monitoring additional parameters. A general framework for modification of the groundwater monitoring program, including additional contingency monitoring, is presented in Attachment A.3. Based on this framework, wells were designated as short-term performance monitoring contingency wells as shown on Figures A.3a and A.3b and summarized in Table A.2. Conditions that may prompt contingency sampling include the following:

- Increasing IHS concentrations in downgradient plume areas, suggesting conditions that may be increasing the mobility of contaminants
    - Bulk Terminal wells 01MW86 and 01MW87 may be monitored to assess conditions closer to the TPH and benzene source area if concentrations appear to be increasing at downgradient wells 01MW35 and 01MW84.
    - ASKO wells 01MW89 and 01MW107 may be monitored to assess the extent of cVOCs if concentrations appear to be increasing at downgradient well 01MW53 or at 01MW56 closer to the source area.
    - ASKO wells MW06 or 01MW80 may be monitored during initial short-term performance to assess the extent of cVOCs if concentrations appear to be increasing at downgradient wells 01MW85 and 01MW53 or at MW05 or 01MW46 closer to the source area.
    - ASKO well 01MW112 may be monitored if increasing concentrations in downgradient well 01MW53 or intermediate WBZ well 01MW108 suggest cVOCs may be able to migrate more readily into the intermediate WBZ.
    - East Waterfront wells 02MW03, 02MW17, or 02MW20R may be monitored to assess plume extents if increasing TPH or benzene concentrations are observed at 02MW04R or 02MW07.
- Groundwater flow patterns indicating new or altered flow directions different from those predicted by modeling
    - Bulk Terminal well 01MW105 may be monitored during initial short-term performance if stronger eastward gradients than expected are observed on-property or TPH or benzene concentrations are increasing at 01MW12 at the eastern edge of the pre-remediation TPH plume. Well 01MW11R may be monitored if the above conditions are observed after Property redevelopment.
    - ASKO wells MW02 or 01MW113 (future potential contingency well) may be monitored if stronger westward gradients than expected are observed on-property or cVOC concentrations appear to be increasing at MW06 at the western edge of the PlumeStop barrier.

Additionally, sentinel wells that are not designated for short-term performance monitoring may be sampled as necessary to evaluate MNA. Potential objectives for sampling sentinel wells include obtaining additional baseline upgradient geochemical data, further monitoring changes in downgradient plume conditions, and monitoring downgradient of IHS plume extents for enrichment or depletion of MNA parameters to gain further insight into the MNA mechanisms occurring at the Site.

Wells that are part of the designated short-term performance monitoring network may also be sampled for additional parameters as necessary to evaluate MNA. Assessment of MNA parameters is discussed in further detail in Section 6.2.

Contingency sampling would not be triggered by one result, which may be anomalous, but would be triggered after confirmation of a result or results that indicated one of the above conditions may be occurring. Contingency sampling, which is in addition to the compliance monitoring program, may be conducted by the Owner at any time to evaluate potential change in conditions, or in coordination with Ecology.

The framework for modification of the sampling program additionally allows for decreased monitoring frequency at well locations where CULs are met. Any proposed adjustments to the monitoring program based on contingency sampling results would be included in annual reports to Ecology.

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4.0 Long-Term Compliance Monitoring

After completion of the short-term post-remediation performance monitoring, shallow and/or intermediate WBZ wells will be sampled for long-term compliance monitoring throughout the restoration time frame, which is estimated to be 5 years for the Shoreline AOC and 15 years for the Upland AOC. Long-term compliance monitoring will be conducted semiannually during the dry and wet seasons, or annually if individual wells demonstrate stable or decreasing trends in IHS concentrations during short-term monitoring. Additional wells will be transitioned to annual monitoring during the long-term monitoring as they achieve stable or decreasing IHS trends. Annual monitoring will be performed during the season (wet or dry) that had overall greater contaminant concentrations during semiannual performance monitoring, or if there do not appear to be seasonal trends, then the annual sampling will be completed in the early part of the dry season (i.e., May or June). Throughout long-term monitoring, the scope and frequency of sampling may be adjusted in coordination with Ecology using the framework presented in Attachment A.3. The detailed field sampling schedule for each well included in the program is presented in Attachment A.2; adjustments to the long-term monitoring program will be proposed in annual reports and will be reflected in updates to Attachment A.2.

Long-term compliance monitoring samples will consist of both performance and confirmation monitoring and will be analyzed for the Site IHSs identified in the CAP. The proposed long-term compliance monitoring plan is presented in Table A.3 and summarized as follows. Sampling and analytical methods are discussed in Section 5.0.

- Petroleum compounds including GRO, total DRO+ORO, and benzene are present in the shallow WBZ Property-wide and in the intermediate WBZ in portions of the Upland AOC. Petroleum compounds will be analyzed in samples from confirmation monitoring wells during long-term monitoring to determine compliance. These compounds will also be analyzed in samples from remaining performance monitoring wells at the Bulk Terminal as indicated by the decision framework presented in Attachment A.3.
- TCE and vinyl chloride exceed CULs in the shallow WBZ and intermediate WBZ on the ASKO portion of the Upland AOC.[4] These compounds will be analyzed in samples collected from confirmation monitoring wells at the CPOC on the ASKO parcel and at performance monitoring wells remaining on ASKO as indicated by the decision framework presented in Attachment A.3.
- Arsenic exceeds the CUL in the shallow WBZ in select wells at the Shoreline AOC. Arsenic will be analyzed in samples collected from shallow WBZ confirmation monitoring wells situated along where arsenic exceeded the shoreline CULs prior to remediation in the Shoreline AOC.

[4] These compounds also exceed Site CULs on the BNSF AOC, which will be addressed under a separate Agreed Order issued to BNSF.

- Penta exceeds the CUL in the shallow WBZ on the Bulk Terminal portion of the Upland AOC. Penta will be analyzed in samples collected from select shallow WBZ confirmation monitoring wells at the CPOC on the Bulk Terminal.

Sentinel monitoring wells, which lie upgradient of areas of contamination or outside the anticipated lateral and vertical post-remediation groundwater contaminant plume boundaries, may also be monitored to further assess remedy performance or boundary conditions if determined to be necessary by the Owner or Ecology. Sentinel wells will be maintained to the extent practical but may be decommissioned by the Owner if they are determined, in concurrence with Ecology, to not be necessary to evaluate remedy performance, or decommissioned as a BMP if future development would render them inaccessible. Sentinel wells will not be replaced if decommissioned. The proposed confirmation, performance, and sentinel well networks are described in Section 4.1 and shown on Figure A.4.

Water levels will also be measured at accessible wells during each monitoring event to determine ongoing groundwater flow patterns.

4.1 LONG-TERM MONITORING WELL NETWORK

Long-term monitoring will be performed annually, or semiannually if needed as described in Section 4.0, to confirm that the remedy results in groundwater quality that meets the Site cleanup standards within the predicted restoration time frame. The long-term monitoring well network includes wells at the CPOC in the Upland AOC, wells downgradient of the CPOC in the Shoreline AOC, and key wells upgradient of the CPOC that yield information about remedy performance. Long-term performance monitoring will be conducted until cleanup standards have been attained and will be followed by confirmation monitoring to confirm that IHS concentrations remain less than the CULs at the CPOC and downgradient of the CPOC. Sequencing from performance monitoring to confirmation monitoring will occur throughout long-term compliance monitoring on a well-by-well basis.

The CPOC adjacent to the western portion of the Bulk Terminal is the centerline of W. Commodore Way, and the CPOC adjacent to the eastern portion of the Bulk Terminal parcel is the northern parcel boundary as shown on Figure A.4. A confirmation monitoring well network will be established to the south of the centerline of W. Commodore Way and will include the following wells for monitoring long-term compliance associated with the Bulk Terminal:[5]

- Shallow WBZ: 01MW03, 01MW19R01MW19R, 01MW11R, 01MW86, and 01MW87
- Intermediate WBZ: 01MW51

The CPOC adjacent to ASKO is the centerline of W. Commodore Way. A confirmation monitoring well network will be established along this property line and will include the following wells:

- Shallow WBZ: 01MW53, 01MW85, and 01MW89

[5] Wells designated to transition to sentinel after short-term performance monitoring may also be sampled as necessary during long-term monitoring to confirm remedy performance and plume extents, depending on data collected during the short-term monitoring program.

- Intermediate WBZ: 01MW112

Downgradient of the CPOC in the Shoreline AOC (East Waterfront), long-term confirmation monitoring wells are located in the shallow WBZ along the shoreline and in the property interior:

- 02MW04R, 02MW07, 02MW17, 02MW19, and 02MW20R

Additional key wells for performance monitoring upgradient and downgradient of the CPOC are expected to include the following when short-term compliance monitoring transitions to long-term monitoring:

- Shallow WBZ well 01MW46R on ASKO upgradient of the PlumeStop barrier and within the highly contaminated portion of the pre-remediation TCE plume
- Shallow WBZ well 01MW58R on ASKO downgradient of the PRB
- Shallow WBZ wells adjacent to excavation and ISS areas on the Bulk Terminal (01MW90R) and downgradient of the excavation area in W. Commodore Way (01MW84)[6]

The compliance monitoring well network will be maintained throughout long-term monitoring to the extent practical. If a confirmation monitoring well at the CPOC or downgradient of the CPOC is deemed to be no longer necessary, it may be removed from the long-term monitoring program and decommissioned with Ecology concurrence, as further described in Section 7.0.

Sentinel monitoring wells are not designated for regular long-term monitoring but may be sampled as necessary to assess the extents of contaminant plumes and remedy performance. Sentinel wells are summarized in Table A.3 and shown on Figure A.4.

[6] Shallow WBZ well 01MW84 will transition to a confirmation monitoring sentinel well after all IHSs at this location meet compliance with the CULs and may be sampled as needed to confirm plume extents and assess remedy performance.

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5.0 Sampling and Analyses Plan/Quality Assurance Project Plan

This section presents the SAP/QAPP for groundwater compliance monitoring that is described in Sections 3.0 and 4.0 of this GMP. The SAP/QAPP specifies field sample collection and laboratory analysis protocols and field and laboratory quality assurance (QA) objectives.

5.1 SAMPLING AND ANALYSIS PLAN

The groundwater compliance monitoring data collection will involve collecting groundwater samples for field measurements of geochemical parameters and laboratory analyses at the locations shown on Figures A.3a, A.3b, and A.4, with general sampling procedures described in the following sections, including field methodology, sample nomenclature, and sample handling and custody documentation. Analytical methods are discussed in Section 5.2. A detailed field sampling and analytical schedule by well location is presented in Attachment A.2.

5.1.1 Sample Collection, Field Parameters, and Water Level Measurements

Groundwater sampling will be completed a minimum of 1 week after the development of any new (or existing) monitoring wells. All wells will be purged and sampled using low-flow procedures in accordance with the Floyd|Snider low-flow groundwater sample collection guidelines (refer to Attachment A.1). If turbidity of 5 nephelometric turbidity units cannot be achieved during low-flow sampling, samples may be centrifuged at the laboratory to remove suspended solids prior to analysis.

During purging, field staff will periodically measure and record pH, DO, temperature, conductivity, and ORP using a multi-parameter water quality meter. A flow-through cell will be used to the extent possible during field parameter measurements to reduce the effects of atmospheric gases on field parameter results. The field parameter measurements, particularly DO and ORP, will be used to evaluate current geochemical conditions (i.e., oxidizing or reducing) of the aquifer.

During the groundwater sampling event, the depth to groundwater for each well will be collected using an electronic water level meter prior to sampling to determine groundwater elevations, refine groundwater flow direction, and determine the magnitude of hydraulic gradients at the Site. Separate assessments will be completed for each WBZ (perched, shallow, and intermediate).

5.1.2 Sample Identification

Groundwater samples collected as part of this investigation will be identified and labeled as follows: Groundwater well location number-month/day/year of collection. For example, a groundwater sample collected from 01MW01 on November 20, 2023, would be labeled 01MW01-112023.

A field duplicate will be identified by adding a “D” to the station ID. For example, a field duplicate from location 01MW01 would be designated as 01MW01D. Sufficient volume for analysis,

including laboratory QA analyses, will be collected from each location in accordance with the laboratory and analytical method requirements.

5.1.3 Sample Handling and Custody Documentation

Sample possession and handling must be traceable from the time of sample collection, through laboratory and data analysis, to the time sample results are reported. Samples will be delivered to the analytical laboratory under chain-of-custody protocol following completion of sampling activities. The designated sample receiver at the laboratory will accept custody of the samples and verify that the Chain-of-Custody Forms match the samples received. The laboratory sample receiver will ensure that the Chain-of-Custody Forms are properly signed upon receipt of the samples and will note questions or observations concerning sample integrity on the Chain-of-Custody Forms. All coolers with sample bottles designated for analysis of potentially volatile compounds (i.e., GRO, benzene, cVOCs) will be accompanied by a laboratory-provided trip blank.

5.2 QUALITY ASSURANCE PROJECT PLAN

This section describes the groundwater compliance monitoring analytical program to be conducted for each sample, as well as the laboratory QA objectives and quality control (QC) procedures required to be met to achieve technically sound and useable data. Analytical methods were selected to ensure that reporting limits are less than the CULs.

5.2.1 Chemical Laboratory Analyses Program

Groundwater samples will be submitted to Friedman & Bruya, Inc. (FBI), an accredited laboratory located in Seattle, Washington. Samples will be analyzed for a subset of the following chemicals as specified in Table A.2 and Table A.3, using the laboratory methodologies as follows.

- **IHSs**
  - Total arsenic by USEPA Method 6020B
  - TPH (GRO) by NWTPH-Gx
  - TPH (DRO and ORO) by NWTPH-Dx
  - Volatile organic compounds (benzene, TCE, and vinyl chloride) by USEPA Method 8260D
  - Penta by USEPA Method 8270D
- **Secondary Geochemical Parameters**
  - Ferrous iron by Standard Method 3500-FE-D or colorimetric field test
  - Anions (nitrate, nitrite, and sulfate) by USEPA Method 300.0
  - Sulfide by method SM4500
  - *cis*-1,2-Dichloroethene by USEPA Method 8260D
  - Dissolved gases (methane, ethene, ethane) by method RSK-175

Sample containers and preservation requirements are presented in Table A.4.

5.2.2 Reporting Limits

The analytical methods for IHSs identified in Section 5.2.1 result in method detection limits and practical quantitation limits (PQLs) that are less than the CULs (presented in Table A.4). Table A.4 additionally presents the target method detection limits and PQLs for each analytical method as performed by FBI. These PQLs are goals only, insofar as instances may arise where high sample concentrations, non-homogeneity of samples, or matrix interferences preclude achieving the desired reporting limit and associated QA/QC criteria. In such instances, the laboratory will report the reason for any deviation from these reporting limits.

5.2.3 Laboratory Data Quality Objectives

Laboratory QA/QC objectives include obtaining data that are technically sound and properly documented, having been evaluated against established criteria for the principal data quality indicators (i.e., precision, accuracy, representativeness, completeness, and comparability) as defined in Ecology and USEPA guidance (Ecology 2016; USEPA 2002). Specific data QA criteria for each analysis method are presented in Table A.4.

5.2.3.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, precision is a quantitative measure of the variability of a group of measurements compared to their average values. Analytical precision is measured by matrix spike (MS)/matrix spike duplicate (MSD) samples for organic analyses and by laboratory duplicate samples for inorganic analyses.

Analytical precision measurements will be carried out on project-specific samples at a minimum laboratory duplicate frequency of one per laboratory analysis group or 1 in 20 samples, whichever is more frequent per matrix analyzed, as practical. Laboratory precision will be evaluated against quantitative relative percent difference (RPD) performance criteria.

Field precision will be evaluated by the collection of field duplicates at a minimum frequency of one per laboratory analysis group or 1 in 20 samples. Currently, no performance criteria have been established for field duplicates. Field duplicate precision will therefore be screened against an RPD of 75% for all samples. However, data will not be qualified based solely on field duplicate precision.

Precision measurements can be affected by the nearness of a chemical concentration to the method detection limit, where the percent error (expressed as RPD) increases. The equation used to express precision is as follows:

$$RPD = \frac{(C_1 - C_2) \times 100\%}{(C_1 + C_2)/2}$$

Where:

C_1 = Larger of the two observed values

C_2 = Smaller of the two observed values

5.2.3.2 Accuracy

Accuracy is an expression of the degree to which a measured or computed value represents the true value. Analytical accuracy may be assessed by analyzing "spiked" samples with known standards (surrogates, laboratory control samples [LCSs], and/or MS samples) and measuring the percent recovery. Accuracy measurements on MS samples will be carried out at a minimum frequency of 1 in 20 samples per matrix analyzed. Because MSs/MSDs measure the effects of potential matrix interferences of a specific matrix, the laboratory will perform MSs/MSDs only on samples from this investigation and not from other projects. Surrogate recoveries will be determined for every sample analyzed for organic compounds.

Laboratory accuracy will be evaluated against quantitative LCS, MS, and surrogate spike recoveries using limits for each applicable analyte. Accuracy can be expressed as a percentage of the true or reference value, or as a percent recovery in those analyses where reference materials are not available and spiked samples are analyzed. The equation used to express accuracy is as follows:

$$\%R = 100\% \times (S - U)/C_{sa}$$

Where:

%R = Percent recovery
S = Measured concentration in the spiked aliquot
U = Measured concentration in the unspiked aliquot
C_{sa} = Actual concentration of spike added

5.2.3.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Care will be taken in the design of the sampling program to ensure that sample locations are properly selected, sufficient numbers of samples are collected to accurately reflect conditions at the location(s), and samples are representative of the sampling location(s). A sufficient volume of sample will be collected at each sampling location to minimize bias or errors associated with sample particle size and heterogeneity.

5.2.3.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one dataset can be compared to another. To ensure that results are comparable, samples will be analyzed using standard USEPA methods and protocols. Calibration and reference standards will be traceable to certified standards, and standard data reporting formats will be used. Data will also be reviewed to verify that precision and accuracy criteria were achieved and, if not, that data were appropriately qualified.

5.2.3.5 Completeness

Completeness is a measure of the amount of data that is determined to be valid in proportion to the amount of data collected. Completeness will be calculated as follows:

$$C = \frac{\text{(Number of acceptable data points)} \times 100\%}{\text{(Total number of data points)}}$$

The data quality objective for completeness for all components of this project is 95%. Data that were qualified as estimated because the QC criteria were not met will be considered valid for the purpose of assessing completeness. Data that were qualified as rejected will not be considered valid for the purpose of assessing completeness.

5.2.4 Laboratory and Field Quality Assurance/Quality Control Procedures

The quality of analytical data generated is assessed by both the implementation of field QC procedures, and by the frequency and type of internal laboratory QA/QC checks developed for analysis type and method. Field QC is evaluated through the analysis of trip blanks and field duplicates. Field duplicates are collected to evaluate the efficiency of field decontamination procedures, variability from sample handling, and sample heterogeneity. Laboratory results will be evaluated by reviewing analytical results of method blanks, MS/MSD, field duplicate samples, LCS, calibrations, performance evaluation samples, and interference checks as specified by the specific analytical methods.

Results of the QA/QC samples from each laboratory analysis group will be reviewed by the laboratory analyst immediately after a laboratory analysis group has been analyzed. The QA/QC sample results will then be evaluated to determine whether control limits were exceeded. If control limits are exceeded in the laboratory analysis group, corrective action (e.g., method modifications followed by reprocessing the affected samples) will be initiated prior to processing a subsequent group of samples.

All primary chemical standards and standard solutions used in this project will be traceable to documented and reliable commercial sources. Standards will be validated to determine their accuracy by comparison with an independent standard. Any impurities identified in the standard will be documented.

The procedures that will be used to assess data quality throughout sample analysis are summarized in the following sections.

5.2.4.1 Laboratory Duplicates

Analytical duplicates provide information on the precision of the analysis and are useful in assessing potential sample heterogeneity and matrix effects. Analytical duplicates are subsamples of the original sample that are prepared and analyzed as a separate sample. A minimum of one duplicate will be analyzed per laboratory analysis group. When there are fewer than 20 samples, a laboratory duplicate will still be analyzed.

5.2.4.2 Matrix Spikes and Matrix Spike Duplicates

Analysis of MS samples provides information on the extraction efficiency of the method on the sample matrix. By performing MSD analyses, information on the precision of the method is also provided for organic analyses. A minimum of one MS/MSD will be analyzed for every laboratory analysis group for which MS/MSD sample analysis is applicable per the approved method. MS/MSD analyses will be performed on project-specific samples. When there are fewer than 20 samples, an MS/MSD will still be analyzed.

5.2.4.3 Laboratory Control Samples and Laboratory Control Sample Duplicates

An LCS is a method blank sample carried throughout the same process as the samples to be analyzed, with a known amount of standard added. The blank spike compound recovery assesses analytical accuracy in the absence of any sample heterogeneity or matrix effects. All LCS and LCS duplicate (LCSD) data for metals and organic compounds will be reported. The LCS/LCSD will be performed once per laboratory analysis group.

5.2.4.4 Surrogate Spikes

All project samples analyzed for organic compounds will be spiked with appropriate surrogate compounds as defined in the analytical methods. Surrogate recoveries will be reported by the laboratories; however, no sample result will be corrected for recovery using these values.

5.2.4.5 Method Blanks

Method blanks are analyzed to assess possible laboratory contamination at all stages of sample preparation and analysis. A minimum of one method blank will be analyzed for every extraction batch.

5.2.5 Data Reduction and Reporting

The laboratory will be responsible for internal checks on data reporting and will correct errors identified during the QA review. Close contact will be maintained with the laboratories to resolve any QC problems in a timely manner. The analytical laboratories will be required, where applicable, to report the following:

- **Project Narrative.** This summary, in the form of a cover letter, will discuss problems, if any, encountered during any aspect of analysis. This summary should discuss, but not be limited to, QC, sample shipment, sample storage, and analytical difficulties. Any problems encountered (actual or perceived) and their resolutions will be documented in as much detail as necessary.
- **Sample IDs.** Records will be produced that clearly match all field duplicate QA samples with laboratory sample IDs.
- **Chain-of-Custody Records.** Legible copies of the custody forms will be provided as part of the data package. This documentation will include the time of receipt and

condition of each sample received by the laboratory. Additional internal tracking of sample custody by the laboratory will also be documented.

- **Sample Results.** The data package will summarize the results for each sample analyzed. The summary will include the following information when applicable:
  - Field sample identification code and the corresponding laboratory identification code:
    - Sample matrix
    - Date of sample extraction
    - Date and time of analysis
    - Weight and/or volume used for analysis
    - Final dilution volumes or concentration factor for the sample
    - Percent moisture in solid samples
    - Identification of the instrument used for analysis
    - Method reporting and quantitation limits
    - Analytical results reported with reporting units identified
  - All data qualifiers and their definitions
  - Electronic data deliverables
- **Quality Assurance/Quality Control Summaries.** This section will contain the results of all QA/QC procedures. Each QA/QC sample analysis will be documented with the same information required for the sample results (refer to previous bullet). No recovery or blank corrections will be made by the laboratory. The required summaries are listed as follows; additional information may be requested:
  - **Method Blank Analysis.** The method blank analyses associated with each sample and the concentration of all compounds of interest identified in these blanks will be reported.
  - **Surrogate Spike Recovery.** All surrogate spike recovery data for organic compounds will be reported. The name and concentration of all compounds added, percent recoveries, and range of recoveries will be listed.
  - **Matrix Spike Recovery.** All MS recovery data for metals and organic compounds will be reported. The name and concentration of all compounds added, percent recoveries, and range of recoveries will be listed. The RPD for all duplicate analyses will be reported.
  - **Matrix Duplicate.** The RPD for all matrix duplicate analyses will be reported.
  - **Field Duplicates.** Field duplicates will be reported in the same format as any other sample. RPDs will be calculated for duplicate samples and evaluated as part of the data quality review.

5.2.6 Data Validation

Once data are received from the laboratory, a number of QC procedures will be followed to provide an accurate evaluation of the data quality. A data quality review of the analytical data will follow USEPA National Functional Guidelines in accordance with the QAPP limits (USEPA 2020a, 2020b).

Floyd|Snider will conduct a Level II Compliance Screening on all the analytical data. All chemical data will be reviewed with regard to the following:

- Chain of custody/documentation
- Sample preservation and holding times
- Instrument performance (calibration, tuning, sensitivity)
- Method blanks
- Method reporting limits
- Surrogate recoveries
- MS/MSD recoveries
- LCS recoveries
- Laboratory and field duplicate RPD

Data usability, conformance with the QA/QC objectives, and any deviations that may have affected the quality of the data, as well as the basis of application of qualifiers, will be included in the final reporting of the data.

6.0 Data Evaluation and Reporting

After 5 years following remedy implementation, Ecology will perform the first 5-year periodic review for the Property. The need for contingency actions will be evaluated at that time, as described in Section 6.4. After 10 years following remedy implementation, Ecology will perform the 10-year periodic review, consistent with the 5-year review. Annual monitoring and periodic 5-year reviews will be performed until cleanup standards are achieved and Ecology determines that the Property is eligible for closure. Modifications to the monitoring well network or monitoring frequency may be adjusted at any time throughout this process in coordination with Ecology (refer to Section 7.0) and may include increased or decreased monitoring (locations or frequency) or discontinuing monitoring of compliance wells with three or more consecutive results less than CULs, in coordination with Ecology.

For each periodic review, Ecology will be provided with comprehensive data as well as analysis of current and predicted future groundwater quality trends. Data evaluation will be performed to assess compliance with cleanup standards, determine whether indications of organic contaminant degradation are present, and identify long-term groundwater quality trends and flow patterns as described in the following sections.

6.1 COMPLIANCE WITH CLEANUP STANDARDS

Cleanup standards are defined as a CUL combined with a POC where the CUL applies. Compliance with the CULs will be assessed for all confirmation monitoring wells at the CPOC and downgradient of the CPOC. The Property will be determined to be in compliance for an IHS when groundwater concentrations are less than the CUL at all confirmation monitoring well locations for three consecutive events or when statistical compliance is achieved for each IHS in accordance with the Model Toxics Control Act (WAC 173-340-740(7)(c)).

It is expected that wells located in the Shoreline AOC will achieve CULs within a restoration time frame of 5 years. Compliance will be assessed separately for this AOC, and confirmation monitoring will be discontinued in the Shoreline AOC once compliance is achieved as previously described. The anticipated restoration time frame for the Upland AOC is 15 years (at and downgradient of the CPOC), and Property-wide compliance with cleanup standards will be determined when groundwater in the Upland AOC also achieves compliance.

6.2 ASSESSMENT OF NATURAL ATTENUATION

Natural attenuation is assessed by evaluation of IHS concentration trends and geochemical parameters. Geochemical parameters do not have applicable CULs and are not used to determine compliance, but rather are a tool to gather information to evaluate remedy performance. The occurrence of natural attenuation will be assessed by measurement of chemical parameters associated with the microbial degradation of organic contaminants as described in Section 3.3.

Generally, the occurrence of natural attenuation will be demonstrated by decreasing IHS concentrations in the most contaminated portions of the pre-remediation groundwater plumes and shrinking lateral plume extents.

Where aerobic degradation is expected to occur, key parameters that provide evidence of natural attenuation includes depleted DO and lower ORP relative to background within the contaminated plume, indicating that oxygen is being consumed by the microbial degradation process. For the Upland AOC where cleanup was performed to meet RELs in soil, if there is indication that a plume is not stable or receding, then analyses of secondary geochemical parameters will be considered to evaluate geochemical conditions that may be affecting natural attenuation/biodegradation processes.

Where anaerobic degradation is expected to occur, key parameters that provide evidence of natural attenuation may additionally include increasing concentrations of ferrous iron relative to ferric iron, increasing concentrations of nitrite, increasing concentrations of sulfide relative to sulfate, and production of methane. Natural attenuation is also indicated by increasing concentrations of intermediate (DCE, vinyl chloride) and end (ethene, ethane) products of reductive dechlorination.

Measurement of natural attenuation parameters will help inform the assessment of the need for contingency actions as described in in Section 6.4.

6.3 CONCENTRATION TREND ANALYSIS

Concentration trends for IHSs will be assessed for compliance monitoring wells at the CPOC and downgradient of the CPOC. Trends will be assessed by plotting the natural log of the contaminant concentrations versus time and using statistical software to determine a line of best fit. The trendline will be projected in the future to determine whether compliance with the cleanup standards is predicted within the 15-year restoration time frame predicted in the Feasibility Study. Additional trend analyses may be performed, as warranted, and will be reported in the LTCMP Annual Monitoring Reports described in Section 6.5.

Groundwater data collected as part of the supplemental Remedial Investigation in 2019 will be used as the baseline for concentration trend evaluation. Baseline plume extents for IHSs are shown on Figure A.1.

6.4 CONTINGENCY ACTIONS

The necessity for contingency actions at the Property will be assessed during the 5- year, 10-year, and all additional Ecology periodic review periods. Contingency remedial actions for groundwater may be considered in coordination with Ecology if long-term trend analysis indicates that one or more IHSs will not reach CULs within the restoration time frame at the relevant POC. Contingency actions may also be evaluated if one or more of the following criteria are true:

- The CULs have been achieved at few locations at the CPOC and downgradient of the CPOC and 95% upper confidence limits for IHSs remain significantly elevated relative to the CUL.

- MNA parameters indicate that the geochemical conditions of groundwater may limit further microbial degradation of organic IHSs.

If a contingency evaluation is necessary, it can be included in the annual report for that year or a separate document. The appropriate type and degree of contingent action will be subject to review and approval by Ecology. As described in the CAP, possible contingent situations include, but are not limited to, the following:

- If degradation appears to be occurring based on downward contaminant concentration trends but at rates too slow to reliably meet CULs within the predicted restoration time frame, geochemical parameters could be evaluated upgradient and downgradient of the CPOC and new materials used to accelerate or augment natural attenuation (e.g., edible oil or sulfate salts).
- If degradation is not apparent or occurring at a very low rate suggesting the restoration time frame will not be met, an untreated ongoing source of contamination or less than ideal degradation conditions may be present. In this case, additional upgradient evaluations/investigations might be undertaken to identify and mitigate the potential source or enhance the degradation process. Possible mitigations include direct source removal or in situ application of products to mineralize or bind contaminants such as zero-valent iron or activated carbon.

6.5 REPORTING

Groundwater monitoring data evaluation results will be presented to Ecology in LTCMP Annual Monitoring Reports and will include assessment of compliance with CULs and cleanup standards, indications of organic contaminant degradation, and long-term groundwater quality trends and flow patterns. LTCMP Annual Monitoring Reports will be submitted on March 1 for the prior year and will also include a summary of other monitoring components described in the LTCMP. Eventually, and with Ecology concurrence, the reporting frequency could be reduced to every 5 years, to coincide with Ecology periodic reviews.

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7.0 Plan Modification

Throughout all phases of monitoring, adaptive management of the Property will be performed. Data will continually be assessed to ensure that the monitoring program fulfills the goals of assessing remedy performance and evaluating compliance with cleanup standards. Modifications to the monitoring program will be assessed in accordance with the framework presented in Attachment A.3. The Owner may elect to adjust the performance monitoring program as needed to assess remedy performance (i.e., sample contingency or sentinel wells) without Ecology concurrence; however, reduction of sampling frequency or elimination of a performance or confirmation well from the monitoring plan will require Ecology notification and approval. Ecology may also require modifications to the compliance monitoring plan if increased frequency or locations are warranted (e.g., increasing trend in IHS concentrations). Notification of modifications to the compliance monitoring plan will be included in the LTCMP Annual Monitoring Reports prior to implementing the change.

Lastly, the LTCMP is intended to be a living document that may warrant revisions if conditions at the Property change, such as changes in Property use or Property ownership. The LTCMP, including the GMP, will be reviewed and updated as needed if any significant change occurs.

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8.0 References

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Time Oil Bulk Terminal

Groundwater Monitoring Plan

Tables

Table A.1
Well Status Summary and Decommissioning Plan

Well ID	Water-Bearing Zone	Location	Screened Interval (feet below TOC)	Rationale
Wells Decommissioned During Cleanup Action				
01MW01	Shallow	BT	10–25	Remediation Area
01MW02	Shallow	BT	10–25	Remediation Area
01MW04	Shallow	BT	10–25	Remediation Area
01MW05	Shallow	BT	10–25	Remediation Area
01MW09	Shallow	BT	17–23	Remediation Area
01MW10	Shallow	BT	10–25	Remediation Area
01MW13	Shallow	BT	5–20	Remediation Area
01MW16	Shallow	BT	10–20	Remediation Area
01MW18	Shallow	BT	5–20	Remediation Area
01MW19	Shallow	BT	5–20	Remediation Area
01MW20	Shallow	BT	5–20	Remediation Area
01MW24	Shallow	BT	4–19	Remediation Area
01MW27	Shallow	BT	4–19	Remediation Area
01MW28	Shallow	BT	5–22	Remediation Area
01MW29	Shallow	BT	5–19	Remediation Area
01MW33	Shallow	BT	5–20	Remediation Area
01MW43	Shallow/Intermediate	BT	7–22	Remediation Area
01MW59	Shallow/Intermediate	BT	13–28	Remediation Area
01MW67	Shallow	BT	9–24	Remediation Area
01MW68	Shallow	BT	6.5–22	Remediation Area
01MW69	Shallow	BT	9–24	Remediation Area
01MW72	Shallow	BT	3–12	Remediation Area
01MW73	Shallow	BT	2.5–21	Remediation Area
01MW74	Shallow	BT	4–21.5	Remediation Area
01MW75	Shallow	BT	3–18	Remediation Area
01MW90	Shallow	BT	3–18	Remediation Area
01MW91	Shallow	BT	3–18	Remediation Area
01MW07	Shallow	ASKO	8–18	Remediation Area
01MW44	Shallow	ASKO	15–30	Remediation Area
01MW45	Shallow	ASKO	12–27	Remediation Area
01MW54	Intermediate	ASKO	38–43	Remediation Area
01MW55	Shallow	ASKO	16–31	Remediation Area
01MW60	Shallow	ASKO	24.5–39.5	Remediaiton Area
01MW62	Shallow	ASKO	24–39	Remediation Area
01MW63	Shallow	ASKO	19.5–31.5	Remediation Area
01MW64	Shallow	ASKO	25–40	Remediation Area
01MW65	Deep	ASKO	52–62	Remediation Area
01MW70	Perched	ASKO	5–20	Remediation Area
01MW71	Perched	ASKO	5–20	Remediation Area
01MW76	Intermediate	ASKO	35–40	Remediation Area
01MW77	Intermediate	ASKO	36–41	Remediation Area
01MW78	Intermediate	ASKO	45–50	Remediation Area
01MW79	Perched	ASKO	4–19	Remediation Area
01MW31	Shallow	BT	5–15	Dry Well- BMP
01MW81	Shallow	ASKO	19.5–28.5	Redundant Well - BMP
01MW82	Shallow	ASKO	19–27	Redundant Well - BMP
MW03	Perched	ASKO	7–13.5	Remediation Area
MW04	Shallow	ASKO	18–28	Remediation Area
02MW04	Shallow	EW	10–20	Remediation Area
02MW06	Shallow	EW	9–19	Remediation Area
02MW15	Shallow	EW	5–15	Remediation Area
02MW20	Shallow	EW	1–11	Remediation Area
01MW42	Shallow	BT	7–22	Damaged- BMP
01MW11	Shallow/Intermediate	BT	15–30	2-zone well- BMP
01MW32	Shallow/Intermediate	BT	17–27	2-zone well- BMP
01MW37	Shallow/Intermediate	BT	7.5–22.5	2-zone well- BMP
01MW38	Shallow/Intermediate	BT	7.5–22.5	2-zone well- BMP
01MW49	Shallow/Intermediate	BT	15–25	2-zone well- BMP
01MW50	Shallow/Intermediate	BT	15–25	2-zone well- BMP
Wells Damaged During Cleanup Action and Unusable—To Decommission During Redevelopment				
01MW39	Shallow	BT	7–22	Monitoring objective fulfilled by 01MW17 and 01MW40/01MW90R
01MW58	Shallow	ASKO	25.5–35.5	Monitoring objective fulfilled by 01MW46
02MW05	Intermediate	EW	20–35	Monitoring objective fulfilled by 01MW48, 01MW51
02MW08	Shallow	EW	13–22	Monitoring objective fulfilled by 01MW84
02MW09	Shallow	EW	7–12	Monitoring objective fulfilled by 02MW03
02MW10	Shallow	EW	2.5–7.5	Monitoring objective fulfilled by 01MW84, 01MW102

Table A.1
Well Status Summary and Decommissioning Plan

Well ID	Water-Bearing Zone	Location	Screened Interval (feet below TOC)	Rationale
Wells to Decommission During Redevelopment				
01MW06	Shallow	BT	10–25	Within redevelopment structure footprint
01MW08	Shallow	BT	9–25	Within redevelopment structure footprint
01MW40	Shallow	BT	7–22	Within redevelopment structure footprint; to be replaced by 01MW90R
01MW88	Shallow	BT	11–21	Monitoring purpose fulfilled by 01MW36
01MW99	Shallow	BT	20–30	Monitoring purpose fulfilled by 01MW17
01MW100	Shallow	BT	20–30	Monitoring purpose fulfilled by 01MW17
01MW103	Shallow	BT	7–17	Dry well, montioring purpose fulfulled by 01MW11R
01MW105	Shallow	BT	5–15	Outside and cross-gradient of TPH impacts; within redevelopment structure footprint
01MW109	Shallow	BT	8–18	Dry well, outside and cross-gradient of TPH impacts
01MW110	Shallow	BT	11–21	Outside and cross-gradient of TPH impacts; within redevelopment structure footprint
01MW111	Intermediate	BT	30–35	Outside of TPH impacts
01MW15	Shallow	ASKO	10–30	Within redevelopment structure footprint; to be replaced by 01MW60R
01MW46	Shallow	ASKO	13–28	Within redevelopment structure footprint; to be replaced by 01MW58R
01MW52	Shallow	ASKO	14–24	Monitoring purpose fulfilled by 01MW89
01MW57	Intermediate	ASKO	35.5–40.5	Within redevelopment structure footprint
01MW80	Shallow	ASKO	20–28	Within redevelopment structure footprint
01MW108	Intermediate	ASKO	30–35	Within redevelopment structure footprint; to be replaced by 01MW112
MW01	Shallow	ASKO	18–28	Outside and cross-gradient of cVOC impacts
MW05	Shallow	ASKO	19–29	Within redevelopment structure footprint
02MW13	Shallow	EW	5–15	Outside and cross-gradient of TPH impacts

Abbreviations:

ASKO	ASKO Hydraulic parcel
BMP	Best management practice
BT	Bulk Terminal parcel
cVOC	Chlorinated volatile organic compound
EW	East Waterfront parcel
TOC	Top of casing

Table A.2
Short-Term Performance Monitoring Plan

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Designation	Proposed Monitoring [1]	Notes	Proposed Monitoring								
						MNA Parameters [2]		Total Arsenic	GRO	Total DRO+ORO	Benzene	TCE	Vinyl Chloride	Penta
						Primary	Secondary							
Bulk Terminal Parcel Wells														
01MW35	Shallow	10–20	CAA-2 Downgradient Plume	Quarterly [3]		X			X	X	X			
01MW84	Shallow	17–23	CAA-2 Downgradient Plume	Quarterly [3]		X			X	X	X			
01MW19R	Shallow	10–20	CAA-2 Source Area	Quarterly [3]		X			X	X	X			
01MW12	Shallow	4–19	CAA-1 Downgradient Plume	Semiannual		X			X	X	X			
01MW40	Shallow	7–22	CAA-1 Source Area	Initial Semiannual	Monitor until redevelopment; decommission during property redevelopment (within structure footprint)	X			X	X	X			
01MW90R	Shallow	~5–15 (new)	CAA-1 Source Area	Redevelopment Semiannual	Install and monitor after redevelopment grading	X			X	X	X			
01MW49R	Intermediate	35–40	CAA-2 Downgradient Plume	Semiannual		X			X	X	X			
01MW66	Shallow	12–22	--	Annual	On-property penta plume	X								X
01MW86	Shallow	14–24	CAA-2 Source Area	Contingency	Sample if IHS concentrations increasing at 01MW35 or 01MW84	X			X	X	X			
01MW11R	Shallow	~10–20 (new)	CAA-1 Downgradient Sentinel	Redevelopment Contingency	Install after redevelopment grading; sample if IHS concentrations increasing at 01MW12	X			X	X	X			
01MW87	Shallow	11–21	CAA-2 Downgradient Sentinel	Initial Baseline [4]/Contingency	Sample once during first quarter of initial monitoring; sample if IHS concentrations increasing at 01MW12	X			X	X	X			
01MW105	Shallow	5–15	CAA-1 Downgradient Sentinel	Initial Contingency	Sample if IHS concentrations increasing at 01MW12; decommission during property redevelopment (within structure footprint)	X			X	X	X			
01MW03	Shallow	10–25	CAA-2 Source Area	--										
01MW17	Shallow	20–30	CAA-1/2 Upgradient Sentinel	--										
01MW30	Shallow	15–28	CAA-2/4 Downgradient Sentinel	--										
01MW34	Shallow	10–20	CAA-2 Downgradient Sentinel	--										
01MW36	Shallow	10–20	CAA-2 Downgradient Sentinel	--										
01MW47	Shallow	6–21	CAA-2 Downgradient Plume	--										
01MW48	Intermediate	28–32	CAA-2 Downgradient Plume	--										
01MW51	Intermediate	29–39	CAA-2 Downgradient Plume	Initial Baseline [4]	Sample once during first quarter of initial montoring	X			X	X	X			
01MW101	Shallow	17–21	CAA-2 Downgradient Sentinel	--										
01MW102	Shallow	10–20	CAA-2 Downgradient Plume	--										
01MW104	Intermediate	28–33	CAA-2 Downgradient Sentinel	--										

Table A.2
Short-Term Performance Monitoring Plan

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Designation	Proposed Monitoring [1]	Notes	Proposed Monitoring								
						MNA Parameters [2]		Total Arsenic	GRO	Total DRO+ORO	Benzene	TCE	Vinyl Chloride	Penta
						Primary	Secondary							
ASKO Parcel Wells														
01MW53	Shallow	16–26	CAA-4 Downgradient Plume	Quarterly [3]		X						X	X	
01MW85	Shallow	18–27	CAA-4 Downgradient Plume	Quarterly [3]		X	X					X	X	
01MW46	Shallow	13–28	CAA-4 Source Area	Quarterly [3]	Monitor until redevelopment; decommission during property redevelopment (within structure footprint)	X	X				X	X	X	
01MW58R	Shallow	~25–35 (new)	CAA-4 Source Area	Redevelopment Quarterly	Install and monitor after redevelopment grading	X	X					X	X	
01MW15	Shallow	10–30	CAA-4 Source Area	Initial Semiannual	Monitor until redevelopment; decommission during property redevelopment (within structure footprint)	X						X	X	
01MW60R	Shallow	~25–40 (new)	CAA-4 Downgradient Plume	Redevelopment Semiannual	Install and monitor after redevelopment grading	X						X	X	
01MW45R	Shallow	~12–27 (new)	CAA-4 Downgradient Plume	Redevelopment Semiannual	Install and monitor after redevelopment grading	X			X	X	X	X	X	
01MW56	Shallow	16–26	CAA-4 Downgradient Plume	Semiannual		X	X					X	X	
01MW108	Intermediate	30–35	CAA-4 Downgradient Plume	Initial Semiannual	Monitor until redevelopment; decommission during property redevelopment (within structure footprint)	X						X	X	
MW03R	Perched	13–18	CAA-5 Source Area	Semiannual		X		X	X	X	X	X	X	
MW05	Shallow	19–29	CAA-4 Downgradient Plume	Initial Semiannual	Monitor until redevelopment; decommission during property redevelopment (within structure footprint)	X	X				X	X	X	
MW06	Shallow	18–28	CAA-4 Downgradient Plume	Initial Baseline [4]/ Contingency/ Redevelopment Semiannual	Sample once during first quarter of initial monitoring; contingency sample if increasing IHS concentrations at 01MW46, 01MW53, 01MW85, or MW05; monitor semiannually after redevelopment grading	X	X				X	X	X	
01MW80	Shallow	20–28	CAA-4 Downgradient Plume	Initial Contingency	Sample if increasing IHS concentrations at 01MW46, 01MW53, 01MW85, or MW05; decommission during property redevelopment (within structure footprint)	X						X	X	
01MW46R	Shallow	~13–28 (new)	CAA-4 Source Area	Redevelopment Contingency	Install after redevelopment grading if needed; sample if increasing IHS concentrations at 01MW46, 01MW53, 01MW85 or MW05	X	X					X	X	
01MW89	Shallow	18–26	CAA-4 Downgradient Sentinel	Contingency	Sample if increasing IHS concentrations at 01MW53 or 01MW56	X						X	X	
01MW107	Shallow	17–27	CAA-4 Downgradient Sentinel	Contingency	Sample if increasing IHS concentrations at 01MW53 or 01MW85	X						X	X	
01MW112	Intermediate	~30–35 (new)	CAA-4 Downgradient Sentinel	Redevelpment Contingency	Install after redevelopment grading; sample if increasing IHS concentrations at 01MW53 or	X						X	X	
01MW113	Shallow	~12–27 (new)	CAA-4 Downgradient Sentinel	Redevelopment Contingency	Install after redevelopment grading if needed; sample if stronger than expected westward gradients or increasing IHS concentrations at MW06	X						X	X	
MW02	Shallow	18–28	CAA-4 Downgradient Sentinel	Contingency	Sample if stronger than expected westward gradients or increasing IHS concentrations at MW06	X						X	X	
01MW61	Shallow	22–37.5	CAA-4 Upgradient Sentinel	--	--									
01MW106	Shallow	15–25	CAA-4 Downgradient Sentinel	--	--									

Table A.2
Short-Term Performance Monitoring Plan

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Designation	Proposed Monitoring [1]	Notes	Proposed Monitoring								
						MNA Parameters [2]		Total Arsenic	GRO	Total DRO+ORO	Benzene	TCE	Vinyl Chloride	Penta
						Primary	Secondary							
BNSF Wells [5]														
01MW98	Perched	5–15	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
01MW97	Perched	5–15	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
01MW96	Perched	5–15	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
01MW95	Shallow	27–37	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
01MW94	Shallow	28–40	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
01MW93	Shallow	23.5–38.5	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
01MW92	Perched	6–16	CAA-4 Upgradient	--		--		--	--	--	--	--	--	--
East Waterfront Parcel Wells														
02MW04R	Shallow	5–15	CAA-6 Source Area	Quarterly [3]		X			X	X	X			
02MW07	Shallow	1.5–11.5	CAA-6 Downgradient Plume	Quarterly [3]		X		X	X	X	X			
02MW19	Shallow	3–13	CAA-6 Downgradient Sentinel	Quarterly [3]		X		X	X	X	X			
02MW03	Shallow	10–20	CAA-6 Downgradient Plume	Contingency	Sample if increasing IHS concentrations at 02MW04R or 02MW07	X			X	X	X			
02MW17	Shallow	1–11	CAA-6 Downgradient Sentinel	Contingency	Sample if increasing IHS concentrations at 02MW04R or 02MW07	X		X	X	X	X			
02MW20R	Shallow	~1–11 (new)	CAA-6 Downgradient Sentinel	Contingency	Install after redevelopment grading; sample if increasing IHS concentrations at 02MW04R or 02MW07	X		X	X	X	X			
01MW83	Shallow	14–24	Sentinel	--										
02MW01	Shallow	10–20	CAA-6 Downgradient Sentinel	--										
02MW14	Shallow	5–15	Sentinel	--										
02MW16	Shallow	5–15	CAA-6 Upgradient Sentinel	--										
02MW18	Shallow	4–14	CAA-7	--										
02MW21	Intermediate	18–28	CAA-6 Downgradient Sentinel	--										
02MW22	Intermediate	17–27	CAA-6 Downgradient Sentinel	--										

Notes:

Blank cells are intentional.

Wells not designated for short-term monitoring are considered sentinels and may be sampled at the Property Owner's discretion to obtain additioanl performance data, if needed.

-- Not established.

Not accessible for sampling.

1 Wells designated for initial monitoring will be sampled until grading and utility installation for property redevelopment, which is expected to occur after the third quarterly sampling event in 2023. Wells designated for redevelopment monitoring will be installed and sampled after grading has been completed, which is anticipated to occur in late 2023 or early 2024.

2 Primary MNA parameters include field measurement of dissolved oxygen, oxidation-reduction potential, pH, conductivity, and temperature. Primary MNA parameters will be collected during all sampling events specified in the short-term performance monitoring plan. Secondary MNA parameters include ferrous iron (laboratory or field method) and laboratory analysis of nitrate, nitrite, sulfate, sulfide, cis-1,2-dichloroethene, and dissolved gases (methane, ethene, and ethane). Secondary MNA parameters will be analyzed from selected wells annually (dissolved gases, 01MW85 only) or semiannually (all other parameters) to determine baseline geochemical conditions during Year 1, then additionally as needed to assess MNA performance.

3 Quarterly monitoring will be performed for eight quarters (2 years). In the Upland Area of Concern, quarterly monitoring will be followed by 2 years of semiannual performance monitoring; in the Shoreline Area of Concern, quarterly monitoring will be followed by long-term annual confirmation monitoring.

4 Baseline samples will be collected from key wells during initial monitoring for the purposes of future post-remediation IHS concentration trend analysis.

5 It is assumed that wells on the BNSF property will be maintained and sampled under a separate agreement with the Washington State Department of Ecology. Data from these wells may be used to assess remedy performance, if available.

Abbreviations:

ASKO ASKO Hydraulic
BSNF BNSF Railway Company
DRO Diesel-range organics
GRO Gasoline-range organics
IHS Indicator hazardous substance
MNA Monitored natural attenuation
ORO Oil-range organics
penta Pentachlorophenol
TCE Trichloroethene
TOC Top of casing

Table A.3
Long-Term Compliance Monitoring Plan

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Designation	Proposed Monitoring	Proposed Monitoring						
					Total Arsenic	GRO	Total DRO+ORO	Benzene	TCE	Vinyl Chloride	Penta
Bulk Terminal Parcel Wells											
01MW03	Shallow	10–25	CAA-2 CPOC	Confirmation		X	X	X			X
01MW11R	Shallow	~10–20 (new)	CAA-2 CPOC	Confirmation		X	X	X			
01MW19R	Shallow	10–20	CAA-2 CPOC	Confirmation		X	X	X			X
01MW51	Intermediate	29–39	CAA-2 CPOC	Confirmation		X	X	X			
01MW86	Shallow	14–24	CAA-2 CPOC	Confirmation		X	X	X			X
01MW87	Shallow	11–21	CAA-2 CPOC	Confirmation		X	X	X			
01MW84	Shallow	17–23	CAA-2 Downgradient Plume	Performance		X	X	X			
01MW90R	Shallow	~5–15 (new)	CAA-1 Source Area	Performance		X	X	X			
01MW12	Shallow	4–19	Sentinel	--							
01MW17	Shallow	20–30	Sentinel	--							
01MW30	Shallow	15–28	Sentinel	--							
01MW34	Shallow	10–20	Sentinel	--							
01MW35	Shallow	10–20	Sentinel	--							
01MW36	Shallow	10–20	Sentinel	--							
01MW47	Shallow	6–21	Sentinel	--							
01MW48	Intermediate	28–32	Sentinel	--							
01MW49R	Intermediate	35–40	Sentinel	--							
01MW66	Shallow	12–22	Sentinel	--							
01MW101	Shallow	17–21	Sentinel	--							
01MW102	Shallow	10–20	Sentinel	--							
01MW104	Intermediate	28–33	Sentinel	--							
ASKO Parcel Wells											
01MW53	Shallow	14–24	CAA-4 CPOC	Confirmation		X	X	X	X	X	
01MW85	Shallow	15–25	CAA-4 CPOC	Confirmation		X	X	X	X	X	
01MW89	Shallow	17–27	CAA-4 CPOC	Confirmation		X	X	X	X	X	
01MW112	Intermediate	~30–35 (new)	CAA-4 CPOC	Confirmation					X	X	
01MW58R	Shallow	~25–35 (new)	CAA-4 Source Area	Performance					X	X	
01MW56	Shallow	16–26	Sentinel	--							
01MW60R	Shallow	~25–40 (new)	Sentinel	--							
01MW61	Shallow	22–37.5	Sentinel	--							
01MW106	Shallow	15–25	Sentinel	--							
01MW107	Shallow	17–27	Sentinel	--							
01MW113	Shallow	~12–27 (new)	Sentinel	--							
MW02	Shallow	18–28	Sentinel	--							
MW03R	Perched	13–18	Sentinel	--							
MW06	Shallow	18–28	Sentinel	--							
East Waterfront Parcel Wells											
02MW04R	Shallow	5–15	CAA-6 Source Area	Confirmation		X	X	X			
02MW07	Shallow	1.5–11.5	CAA-6 Shoreline	Confirmation	X	X	X	X			
02MW17	Shallow	1–11	CAA-6 Shoreline	Confirmation	X	X	X	X			
02MW19	Shallow	3–13	CAA-6 Shoreline	Confirmation	X	X	X	X			
02MW20R	Shallow	~1–11 (new)	CAA-6 Shoreline	Confirmation	X	X	X	X			
01MW83	Shallow	14–24	Sentinel	--							
02MW01	Shallow	10–20	Sentinel	--							
02MW03	Shallow	10–20	Sentinel	--							
02MW14	Shallow	5–15	Sentinel	--							
02MW16	Shallow	5–15	Sentinel	--							
02MW18	Shallow	4–14	Sentinel	--							
02MW21	Intermediate	18–28	Sentinel	--							
02MW22	Intermediate	17–27	Sentinel	--							

Notes:

-- Not established.

Sentinel wells are not designated for routine monitoring and may be sampled for indicator hazardous substances as needed to assess remedy performance.

Abbreviations:

DRO Diesel-range organics
GRO Gasoline-range organics
ORO Oil-range organics
penta Pentachlorophenol
TCE Trichloroethene
TOC Top of casing

Table A.4
Quality Assurance Project Plan Criteria for Groundwater

Analyte	Analytical Method	Unit	CUL	Sample Handling			Quantitation Limits		QA/QC Criteria		
				Container	Preservative	Hold Time	MDL	PQL	Precision (lab duplicate RPD)	Accuracy (spike recovery)	Completeness
Metals											
Total arsenic	USEPA 6020B	µg/L	5	One 500-mL HDPE	HNO_3 to pH<2	6 months	0.049	1.0	±20% RPD	80–120%	95%
Total Petroleum Hydrocarbons											
Gasoline-range organics	NWTPH-Gx	µg/L	800	Three 40-mL VOA	Cool to <4 °C, HCl to pH<2, no headspace	14 days	11	100	±30% RPD	65–135%	95%
Diesel-range organics	NWTPH-Dx	µg/L	500	One 500-mL amber glass	Cool to <4 °C, HCl to pH<2	14 days to extract, then 40 days to analyze	5.3	50	±30% RPD	65–135%	95%
Oil-range organics	NWTPH-Dx	µg/L	500	One 500-mL amber glass	Cool to <4 °C, HCl to pH<2	14 days to extract, then 40 days to analyze	52	250	±30% RPD	65–135%	95%
Volatile Organic Compounds											
Benzene	USEPA 8260D	µg/L	0.44	Three 40-mL VOA	Cool to <4 °C, HCl to pH<2, no headspace	14 days	0.041	0.35	±30% RPD	65–135%	95%
Trichloroethene	USEPA 8260D	µg/L	0.5	Three 40-mL VOA	Cool to <4 °C, HCl to pH<2, no headspace	14 days	0.0077	0.02	±30% RPD	65–135%	95%
cis-1,2-Dichloroethene	USEPA 8260D	µg/L	--	Three 40-mL VOA	Cool to <4 °C, HCl to pH<2, no headspace	14 days	0.066	0.05	±30% RPD	65–135%	95%
Vinyl chloride	USEPA 8260D	µg/L	0.2	Three 40-mL VOA	Cool to <4 °C, HCl to pH<2, no headspace	14 days	0.014	0.02	±30% RPD	65–135%	95%
Semivolatile Organic Compounds											
Pentachlorophenol	USEPA 8270D SIM	µg/L	0.2	Two 1-L amber glass	Cool to <4 °C	7 days to extract, then 40 days to analyze	0.15	0.20	±30% RPD	65–135%	95%
Conventionals											
Ferrous iron [1]	SM3500-FE-D	mg/L	--	250-mL HDPE	Cool to <4 °C	24 hours	0.060	0.15	≤20% RPD	85–115%	95%
Ferrous iron [1]	Color disc/ 1,10 Phenanthroline	mg/L	--	Two 18-mm plastic viewing tubes with color comparator box	Ferrous iron reagent power (added to one 25-mL sample aliquot)	Analyze immediately- field method	--	0.5 (maximum detect 7.0)	--	--	--
Anions (NO_3, NO_2, SO_4)	USEPA 300.0	mg/L	--	500-mL HDPE	Cool to <4 °C	48 hours	0.0015	0.10	≤20% RPD	90-110%	95%
Sulfide	SM4500	mg/L	--	500-mL HDPE	Cool to <4 °C	7 days	0.0046	0.30	≤20% RPD	90-110%	95%
Dissolved gases (methane, ethane, ethene)	RSK-175	mg/L	--	40-mL VOA	HCl, Cool to <4C	14 days	0.0022-0.0075	0.0068-0.015	≤30% RPD	68-131%	95%

Notes:

-- Not applicable or not established.

1 Ferrous iron may be analyzed by either the listed laboratory or field method.

Abbreviations:

°C Degrees Celsius
CUL Cleanup level
HDPE High-density polyethylene
L Liters
MDL Method detection limit
µg/L Micrograms per liter
mg/L Milligrams per liter
mL Milliliters
mm Millimeters
PQL Practical quantitation limit
QA Quality assurance
QC Quality control
RPD Relative percent difference
VOA Volatile organic analysis

Time Oil Bulk Terminal

Groundwater Monitoring Plan

Figures

Legend

Cleanup Action Components

- Excavated to CULs
- Excavated to RELs
- In Situ Stabilization/Solidification
- PlumeStop Injection
- ORC-A Treatment
- Interceptor Trench
- PRB Wall for Trench
- Gravity Well

Approximate Extent of IHSs Exceeding CULs Before Cleanup Action (2019)

- Arsenic >5.0 µg/L
- Gasoline-Range Organics >800 µg/L
- Diesel- and Oil-Range Organics >500 µg/L
- Benzene >0.44 µg/L
- Trichloroethene >0.50 µg/L
- Vinyl Chloride >0.20 µg/L
- Penta >0.20 µg/L

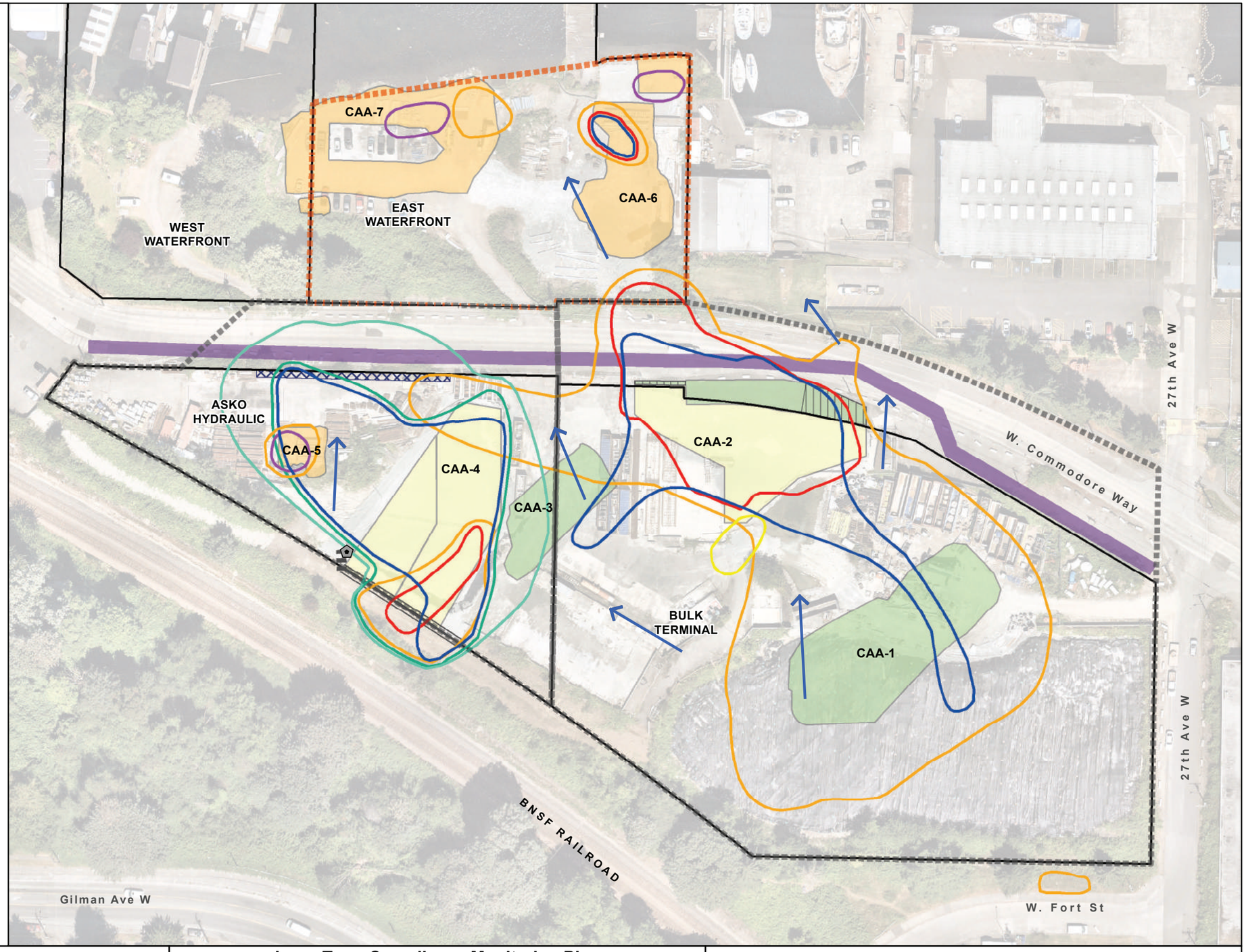
Other Site Features

- Property Boundary for the Former TOC Seattle Terminal
- Upland Area of Concern
- Shoreline Area of Concern
- Conditional Point of Compliance
- Groundwater Modeled Predicted Flow Direction

Notes:
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2022.

Abbreviations:
CUL = Cleanup level
IHS = Indicator hazardous substance
µg/L = Micrograms per liter
ORC-A = Oxygen Release Compound Advanced
PRB = Permeable reactive barrier
REL = Remediation level
TOC = TOC Holdings Co. and any predecessor entity including Time Oil Company

0 45 90 180
Scale in Feet
N



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Long-Term Compliance Monitoring Plan
Appendix A Groundwater Monitoring Plan
Time Oil Bulk Terminal
Seattle, Washington

Figure A.1
Cleanup Action Summary and Baseline Groundwater Conditions

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1/26/2023

Legend

Existing Monitoring Well Locations

- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well
- Decommissioned Monitoring Well

Well Decomissioning Plan

- Damaged—Decomission Required
- Decommission During Redevelopment

Cleanup Action Components

- Excavated to CULs
- Excavated to RELs
- In Situ Stabilization/Solidification
- PlumeStop Injection
- ORC-A Treatment
- Interceptor Trench
- PRB Wall for Trench
- Gravity Well

Other Site Features

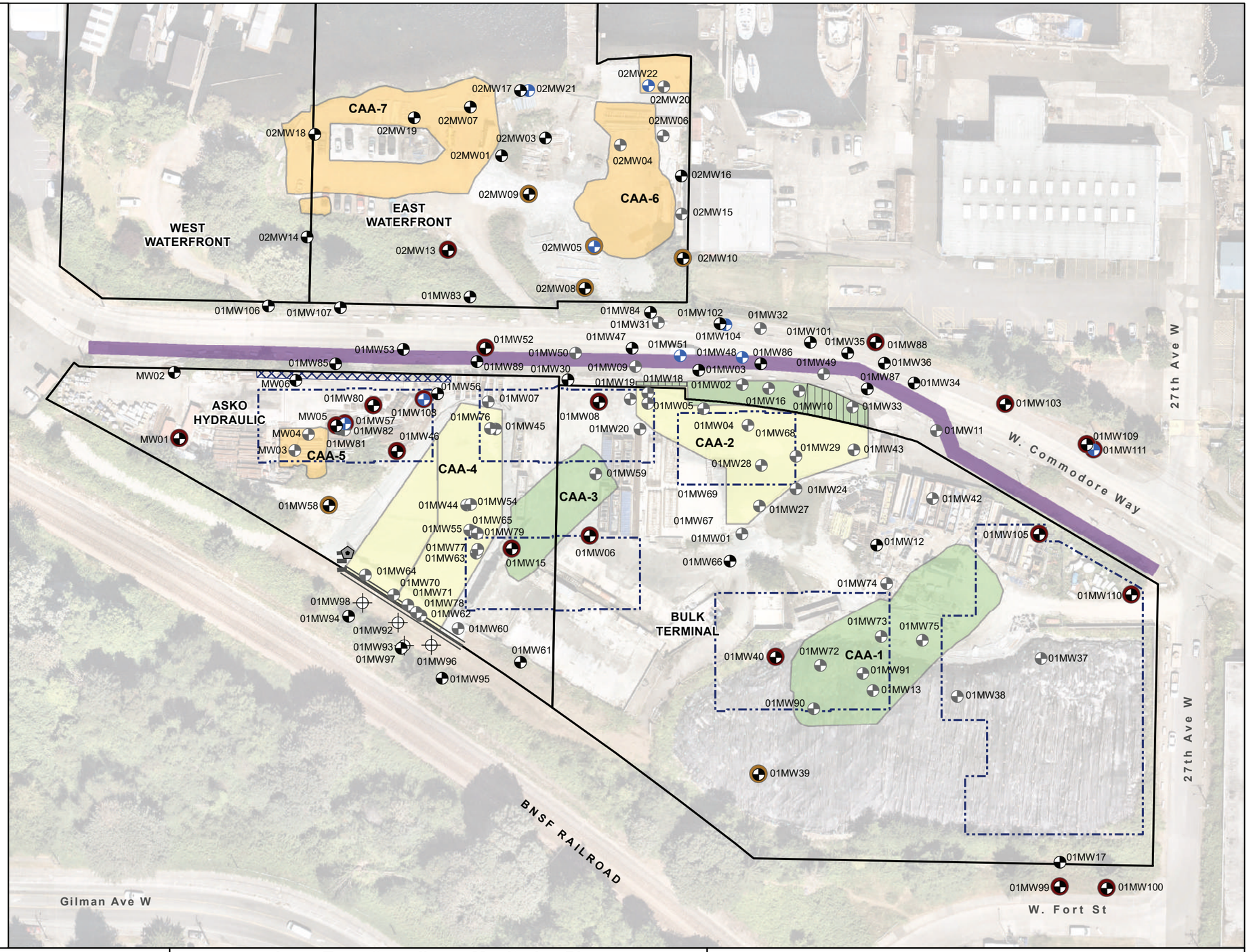
- Property Boundary for the Former TOC Seattle Terminal
- Planned Property Redevelopment Structure
- Conditional Point of Compliance

Notes:
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
CUL = Cleanup level
ORC-A = Oxygen Release Compound Advanced
PRB = Permeable reactive barrier
REL = Remediation level
TOC = TOC Holdings Co. and any predecessor entity including Time Oil Company
WBZ = Water-bearing zone

0 45 90 180
Scale in Feet

N



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Long-Term Compliance Monitoring Plan
Appendix A Groundwater Monitoring Plan
Time Oil Bulk Terminal
Seattle, Washington

Figure A.2
Monitoring Well Status Summary and Decommissioning Plan

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1/26/2023

Legend

Monitoring Well Locations
- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well

Proposed Monitoring Well Locations
- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well

Proposed Monitoring Plan[1]
- Quarterly Performance[2]
- Semiannual Performance
- Annual Performance
- Contingency Performance

Cleanup Action Components
- Excavated to CULs
- Excavated to RELs
- In Situ Stabilization/Solidification
- PlumeStop Injection
- Interceptor Trench
- PRB Wall for Trench
- Gravity Well

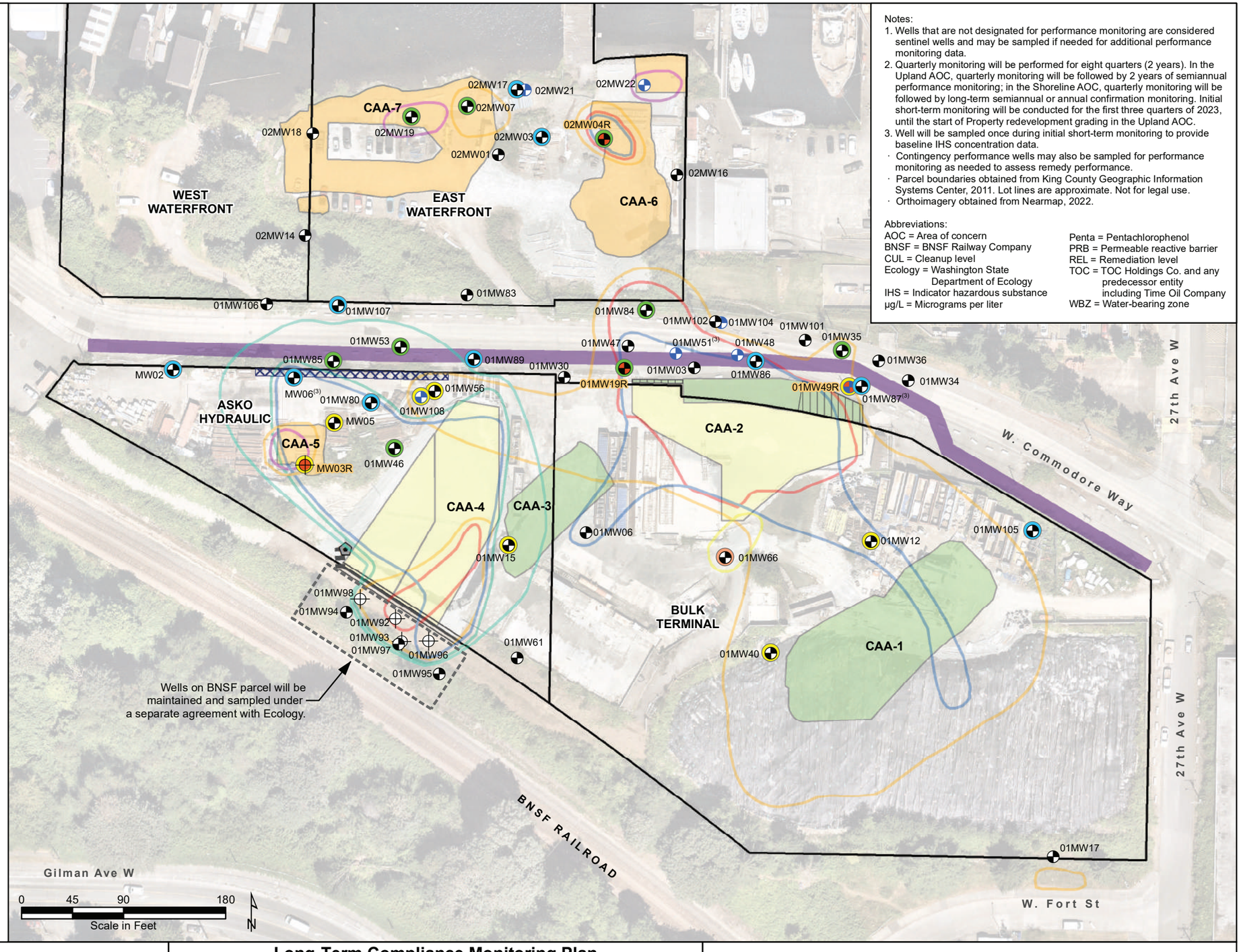
Approximate Extent of IHSs Exceeding CULs Before Cleanup Action (2019)
- Arsenic >5.0 µg/L
- Gasoline-Range Organics >800 µg/L
- Diesel- and Oil-Range Organics >500 µg/L
- Benzene >0.44 µg/L
- Trichloroethene >0.50 µg/L
- Vinyl Chloride >0.20 µg/L
- Penta >0.20 µg/L

Other Site Features
- Property Boundary for the Former TOC Seattle Terminal
- Conditional Point of Compliance

Notes:
1. Wells that are not designated for performance monitoring are considered sentinel wells and may be sampled if needed for additional performance monitoring data.
2. Quarterly monitoring will be performed for eight quarters (2 years). In the Upland AOC, quarterly monitoring will be followed by 2 years of semiannual performance monitoring; in the Shoreline AOC, quarterly monitoring will be followed by long-term semiannual or annual confirmation monitoring. Initial short-term monitoring will be conducted for the first three quarters of 2023, until the start of Property redevelopment grading in the Upland AOC.
3. Well will be sampled once during initial short-term monitoring to provide baseline IHS concentration data.

· Contingency performance wells may also be sampled for performance monitoring as needed to assess remedy performance.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2022.

Abbreviations:
AOC = Area of concern
BNSF = BNSF Railway Company
CUL = Cleanup level
Ecology = Washington State Department of Ecology
IHS = Indicator hazardous substance
µg/L = Micrograms per liter
Penta = Pentachlorophenol
PRB = Permeable reactive barrier
REL = Remediation level
TOC = TOC Holdings Co. and any predecessor entity including Time Oil Company
WBZ = Water-bearing zone



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Long-Term Compliance Monitoring Plan
Appendix A Groundwater Monitoring Plan
Time Oil Bulk Terminal
Seattle, Washington

Figure A.3a
Proposed Short-Term Performance Monitoring Plan—Initial

I:\GIS\Projects\Cantera-TOC\MXD\LT Compliance MP\Appendix A\A.3a Proposed Short-Term PMP- Initial.mxd
1/26/2023

Legend

Monitoring Well Locations

- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well

Proposed Monitoring Well Locations

- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well

Proposed Monitoring Plan[1]

- Quarterly Performance[2]
- Semiannual Performance
- Annual Performance
- Contingency Performance

Cleanup Action Components

- Excavated to CULs
- Excavated to RELs
- In Situ Stabilization/Solidification
- PlumeStop Injection
- Interceptor Trench
- PRB Wall for Trench
- Gravity Well

Approximate Extent of IHSs Exceeding CULs Before Cleanup Action (2019)

- Arsenic >5.0 µg/L
- Gasoline-Range Organics >800 µg/L
- Diesel- and Oil-Range Organics >500 µg/L
- Benzene >0.44 µg/L
- Trichloroethene >0.50 µg/L
- Vinyl Chloride >0.20 µg/L
- Penta >0.20 µg/L

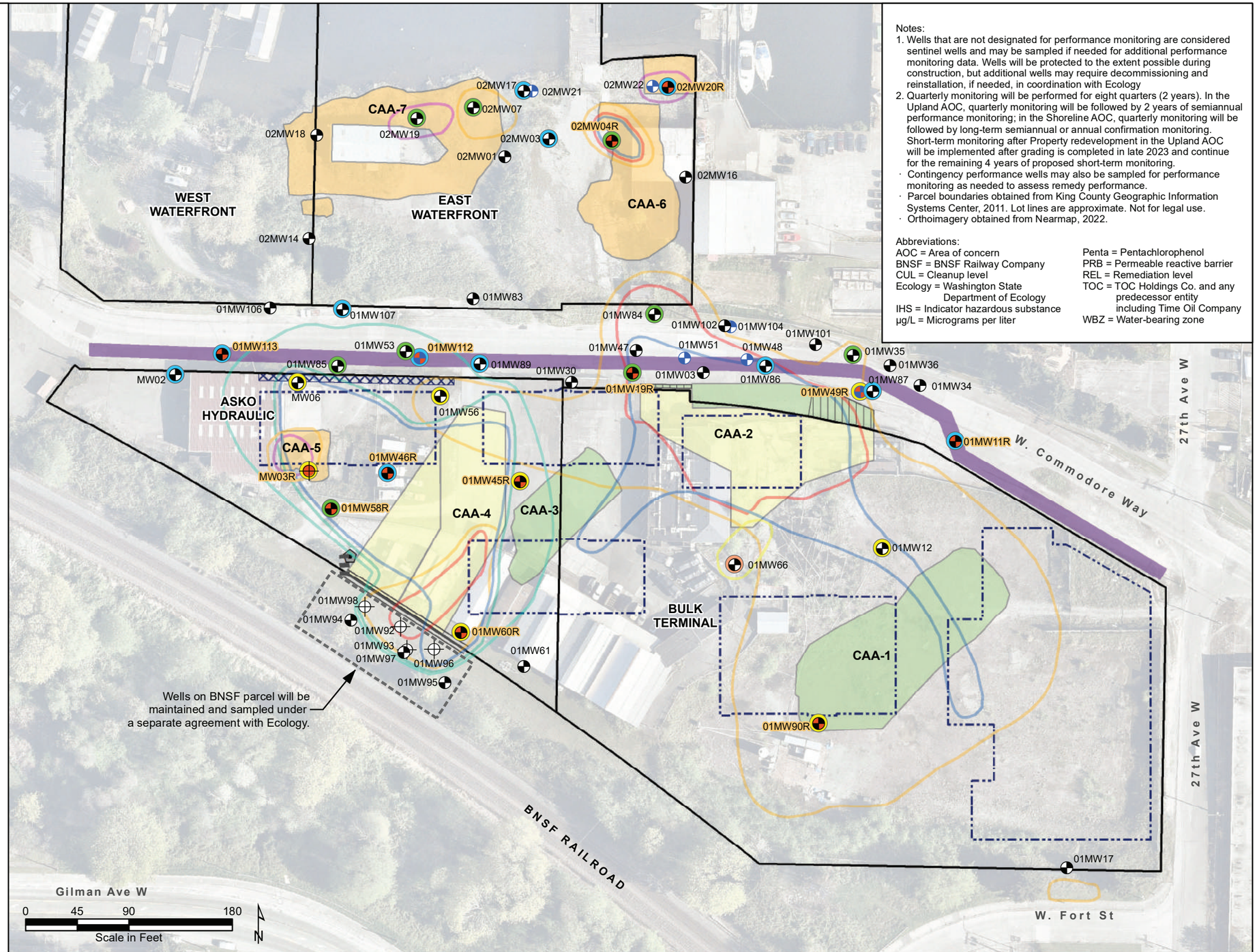
Other Site Features

- Property Boundary for the Former TOC Seattle Terminal
- Planned Property Redevelopment Structure
- Conditional Point of Compliance

Notes:
1. Wells that are not designated for performance monitoring are considered sentinel wells and may be sampled if needed for additional performance monitoring data. Wells will be protected to the extent possible during construction, but additional wells may require decommissioning and reinstallation, if needed, in coordination with Ecology
2. Quarterly monitoring will be performed for eight quarters (2 years). In the Upland AOC, quarterly monitoring will be followed by 2 years of semiannual performance monitoring; in the Shoreline AOC, quarterly monitoring will be followed by long-term semiannual or annual confirmation monitoring. Short-term monitoring after Property redevelopment in the Upland AOC will be implemented after grading is completed in late 2023 and continue for the remaining 4 years of proposed short-term monitoring.

· Contingency performance wells may also be sampled for performance monitoring as needed to assess remedy performance.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2022.

Abbreviations:
AOC = Area of concern
BNSF = BNSF Railway Company
CUL = Cleanup level
Ecology = Washington State Department of Ecology
IHS = Indicator hazardous substance
µg/L = Micrograms per liter
Penta = Pentachlorophenol
PRB = Permeable reactive barrier
REL = Remediation level
TOC = TOC Holdings Co. and any predecessor entity including Time Oil Company
WBZ = Water-bearing zone



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Long-Term Compliance Monitoring Plan
Appendix A Groundwater Monitoring Plan
Time Oil Bulk Terminal
Seattle, Washington

Figure A.3b
Proposed Short-Term Performance Monitoring Plan—After Redevelopment

I:\GIS\Projects\Cantera-TOC\MXD\LT Compliance MP\Appendix A\A.3b Proposed Short-Term PMP-Redevelopment.mxd
1/26/2023

Legend

Monitoring Well Locations
- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well

Proposed Monitoring Well Locations
- Shallow WBZ Monitoring Well
- Intermediate WBZ Monitoring Well
- Perched WBZ Monitoring Well

Proposed Monitoring Plan[1]
- Performance
- Confirmation

Cleanup Action Components
- Excavated to CULs
- Excavated to RELs
- In Situ Stabilization/Solidification
- PlumeStop Injection
- ORC-A Treatment
- Interceptor Trench
- PRB Wall for Trench
- Gravity Well

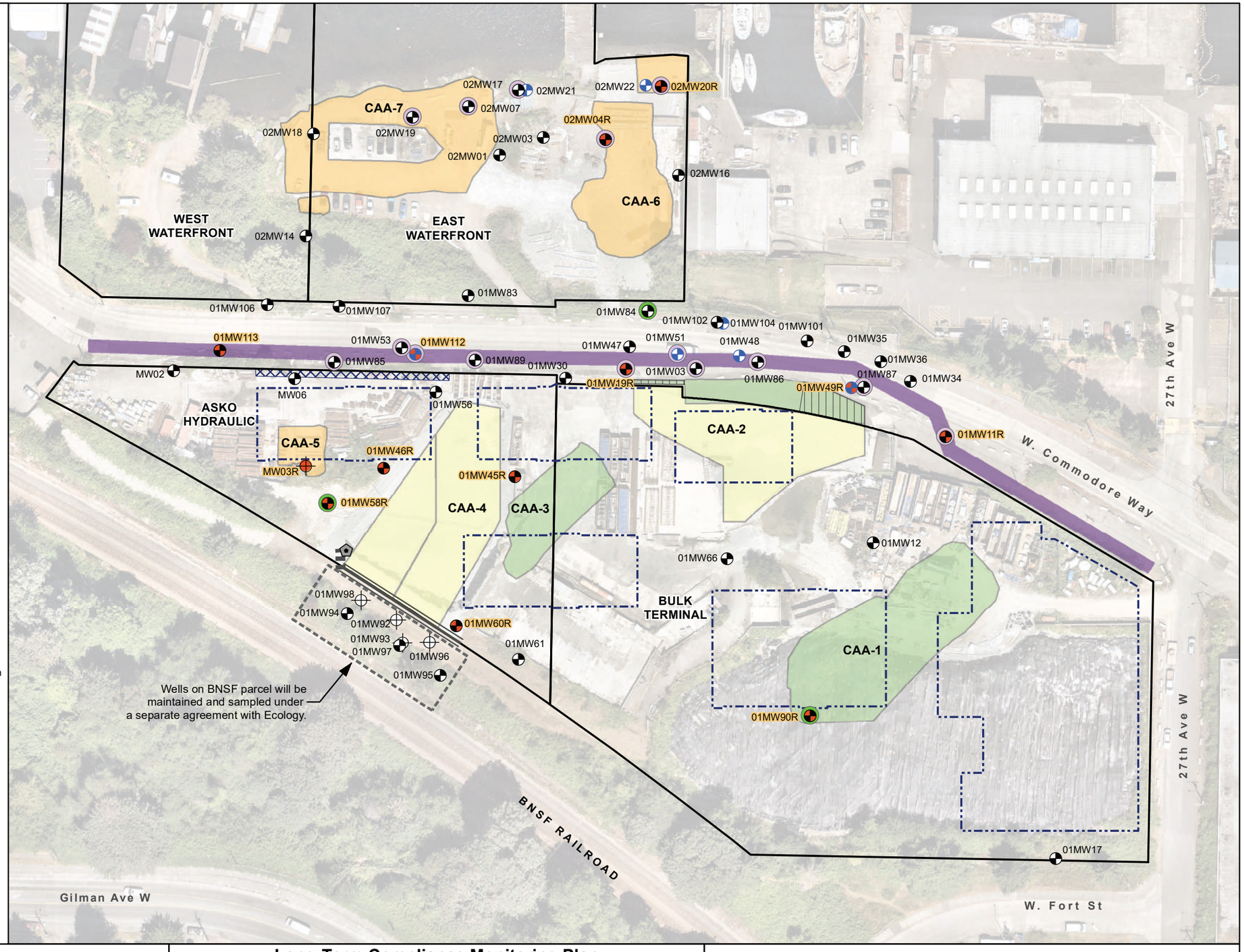
Other Site Features
- Property Boundary for the Former TOC Seattle Terminal
- Planned Property Redevelopment Structure
- Conditional Point of Compliance

Notes:
1. Wells that are not designated for performance or confirmation monitoring are considered sentinel wells.
· Confirmation and sentinel monitoring wells may also be sampled for performance monitoring as needed to assess remedy performance. Confirmation wells will be used to demonstrate compliance at the CPOC and in the Shoreline AOC. These wells will transition from performance to confirmation after the CULs have been attained. Performance wells are wells that will be used to track groundwater plume conditions and trends.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
AOC = Area of concern
BNSF = BNSF Railway Company
CUL = Cleanup level
CPOC = Conditional point of compliance
Ecology = Washington State Department of Ecology
ORC-A = Oxygen Release Compound Advanced
PRB = Permeable reactive barrier
REL = Remediation level
TOC = TOC Holdings Co. and any predecessor entity including Time Oil Company
WBZ = Water-bearing zone

0 45 90 180
Scale in Feet

N



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Long-Term Compliance Monitoring Plan
Appendix A Groundwater Monitoring Plan
Time Oil Bulk Terminal
Seattle, Washington

Figure A.4
Proposed Long-Term Compliance Monitoring Plan

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1/26/2023

Time Oil Bulk Terminal

Groundwater Monitoring Plan

Attachment A.1
Field Standard Guidelines

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F|S STANDARD GUIDELINE

Soil Logging

DATE/LAST UPDATE: October 2019

These procedures should be considered standard guidelines and are intended to provide useful guidance when in the field, but are not intended to be step by step procedures, as some steps may not be applicable to all projects.

All field staff should be sufficiently trained in the standard guidelines and should review and understand these procedures prior to going in the field. It is the responsibility of the field staff to review the standard guidelines with the field manager or project manager and identify any deviations from these guidelines prior to field work. When possible, the project-specific Sampling and Analysis Plan should contain any expected deviations and should be referenced in conjunction with these standard guidelines.

1.0 Scope and Purpose

These soil logging standard guidelines should be used by the field staff performing subsurface investigations, such as a direct push or roto-sonic soil boring, installation of a monitoring well via hollow stem auger, or roto-sonic or mud rotary drilling. While many projects will not necessarily have a Licensed Geologist (LG) or Hydrogeologist (LHG) who reviews and stamps every boring log, it is important that the field staff discusses the soil logging needs for a particular investigation with the project geologist, the project manager, or whoever will ultimately be responsible for interpreting the findings of the field investigation. This discussion is in addition to field training and general knowledge about soil logging, and should happen prior to entering the field, with additional follow-up before drafting a final set of electronic logs, after the investigation is complete.

2.0 Equipment and Supplies

Logging Equipment and Tools:

- 100-foot tape measure or measuring wheel
- Handheld Global Positioning System (GPS; optional)
- Unified Soil Classification System (USCS) Soil Classification Field Guide
- Soil logging kit containing:

  - Stainless steel spoons
  - Paint scraper or trowel
  - Small Ziploc bags
  - Small stainless steel bowls or black mining pans for sheen testing
  - Spray bottle filled with water
  - Paper towels (preferably white)
  - Engineers tape
  - Note cards
  - Optional items include:
    - Empty VOA vials or small glass jars
    - Munsell color chart
    - Sieves
    - White and grayscale color cards for photographs
- Plastic sheeting and duct tape or clamps to cover the sampling table
- Camera
- Trash bags
- Coolers
- Jars
- Labels
- Ice

Paperwork:

- Work Plan and/or Sampling and Analysis Plan (SAP)/Quality Assurance Project Plan (QAPP)
- Health and Safety Plan (HASP)
- Copies of figures showing previous boring locations and boring logs from previous investigations, if available
- Boring log forms (enclosed) appropriate for drilling method, printed in Rite in the Rain paper and/or bound field notebook
- Permanent markers and pencils

Personal Equipment:

- Steel-toed boots
- Hard hat
- Safety vest

- Safety glasses
- Nitrile gloves
- Ear plugs
- Rain gear
- Work gloves

3.0 Standard Procedures

3.1 OFFICE PREPARATION

First, meet with the project manager or field manager to identify the key information and goals of the soil boring investigation. These may include fill history, known or suspected sources of contamination and potential field indications of these contaminants, identification of specific units, or important geotechnical measurements. If possible, select a boring log template that is appropriate for the project needs.

Next, review the work plan and all available existing materials such as cross-sections or boring logs from previous investigations to familiarize yourself with the site geology. In addition (or alternatively if other information is not available), you may also review a geologic map of the area from a reputable source such as United States Geological Survey (USGS).

Finally, check the area of the site where drilling will occur for underground objects. At minimum, a OneCall locate request should be made at least one week in advance of drilling in order to give public utility locators time to mark known buried utility lines. All planned boring locations should be marked on the ground with white spray paint prior to making a locate request. In almost all cases, a private utility locator should also clear the area of drilling any underground objects using electromagnetic techniques. If drilling is to occur in close proximity to buried utilities, the work plan may specify use of an air knife or vacuum to clear the borehole to a depth below the utility lines.

3.2 COLLECTING SOIL SAMPLES FOR CLASSIFICATION

1. Before beginning drilling, record the following information on each log:
    a. Operator's name and company, equipment make/model, equipment measurements (i.e., sampler length and diameter, hammer weight and stroke if using hollow stem auger, boring diameter)
    b. Your name, date, project, boring name and approximate descriptive location (i.e., where is the soil boring relative to known site features). Include a description of the ground surface and whether or not coring was necessary, if coring was necessary, include core diameter, concrete thickness, and subcontractor information.

c. A small hand drawn map showing your location with measurements to a stationary reference point, or GPS coordinates (ideally, both). This is also a good place to note if you have had to move a boring location because of underground utilities, access issues, etc. It is important to note the reason for relocation and the direction and distance moved (i.e., moved 10 feet to the north due to presence of subsurface water line).

2. If you are using a hollow stem auger drilling method, it is important to communicate to the driller how often you would like a split spoon sample collected. Typically this would be continuous or every 5 feet but may be different depending on the project needs.
3. Note any feedback from the driller about the drilling conditions. This may include difficult drilling or rig chatter (usually caused by hard materials), heaving sands (usually caused by hydrostatic pressure on the borehole), caving, or hole instability.
4. For split spoon samples, record the number of hammer blows (blow counts) necessary to drive the sampler each 6-inch increment, as reported by the driller. If more than 50 blows are needed, record the distance that the sampler was driven in 50 blows (i.e., 2-inches in 50 blows). This is referred to as the standard penetration test.
5. Cover the sampling table with plastic sheeting. Lay an engineer's tape lengthwise across the sampling table. Once a sample has been collected, orient it on the table so that the top is aligned with the 0-foot mark on the tape.
6. Split open the sampler, core barrel liner, or sample collection bag. Record the depth interval that the sampler was driven and the depth interval of soil that was recovered. For split spoons or single-cased core barrels, such as Geoprobe direct-push rods, determine whether any loose 'slough' soil has been dislodged by the drilling equipment and deposited at the top of your core (AMS direct push rods are double cased and do not create slough). Do not include slough in the measurement of the soil recovered. Often the core will be filled with an uninterrupted column of soil that is shorter in length than the total drive interval. In such cases, record the recovery interval as it is situated in the core unless you are able to determine the actual depth where the soil sample originated. For the purposes of recording soil observations and collecting samples for analysis, assume that the recovered column of soil has been evenly compressed unless you are able to determine the interval(s) in which compression has occurred. Decompress the recovered soil when making further observations (e.g., if the recovered soil column is 80 percent of the length of the drive interval, assume 0.8 feet of recovered soil represent 1 foot of soil in situ).
7. Before further disturbing the soil, take volatile organic compound (VOC) measurements with a photoionization detector (PID), if using. Take measurements by making crevices in the soil with a spoon or scraper and inserting the PID probe into these openings. Alternatively, collect small spoonfuls of soil into Ziploc bag(s), seal the bag(s), gently shake the bag(s), and insert the PID probe through the top of the bag(s) and into the headspace once the soil vapor has been allowed to equilibrate with the

surrounding air (headspace method). The bag headspace screening method is typically more accurate and is useful at sites with low concentrations of VOCs, whereas the in-situ method is a faster and more qualitative method, best used at sites with higher VOC concentrations. If sampling for VOCs by the U.S. Environmental Protection Agency (USEPA) Method 5035, these soil samples should also be collected prior to disturbing the core. Soil sampling procedures using USEPA Method 5035 are described in detail in the Soil Sample Collection Standard Guideline.

8. Use a straight edge to scrape the soil level and expose the center of the core. Photograph the core alongside the measuring tape and an index card displaying the soil boring location/ID and depth interval.

3.3 SOIL CLASSIFICATION

Soils are described using the following characteristics: Color, consistency, MAJOR CONSTITUENT, minor constituent, geotechnical properties, moisture content, other observations (e.g. visual or olfactory indications of contamination). The USCS field guide is included in this guidance for reference. The steps below should help guide the logger in classifying soils according to the USCS.

1. Record the color of the soil. A descriptive color (i.e., light brown) or a color identified using the Munsell color chart are both valid.
2. Determine whether organic matter influences the properties of the material. If so, record as an organic soil.
3. If the soil is predominantly inorganic, identify whether the major constituent is coarse- or fine-grained. Coarse-grained soils include sands and gravels; fine-grained soils include silts and clays.
    a. For coarse grained soils, determine:
        i. Grain size(s) present including fine, medium, or coarse, and grain size distribution including well-graded (a mixture of fine to coarse grains) or poorly-graded (uniform in size). The USCS guide is helpful for determining grain sizes. If the major constituent is gravel, note its angularity using “rounded,” “sub-angular” or “angular.”
        ii. Minor constituent(s). If a minor constituent represents less than approximately 15% of the sample, note this as “with [minor constituent]” and optionally, whether it is “trace” (<5%) or “few” (5-15%). If a minor constituent represents more than 15% of the sample, use “[minor constituent]-y.” For example, a sand with 5% silt would be classified as a “SAND with trace silt” and sand with 30% silt would be classified as a “SILTY SAND.” For coarse-grained soils with fines between 5% and 15%, the USCS includes several dashed classifications, such as SW-SM. It is often helpful to record an estimated percentage for soil constituents to aid in classification according to the USCS.

b. For fine-grained soils, determine:

   i. Major constituent. To determine whether a material is silt or clay, a simple settling test may be performed in a glass vial or gloved hand by spraying a small amount of the sample with water. Silt particles will settle out of suspension in water within a few minutes, whereas clay particles will remain suspended for a longer period of time.

   ii. Minor constituent(s). As described above, determine the approximate percentage and record as "with [minor constituent]" or "[minor constituent]-y" as appropriate. It is often helpful to record an estimated percentage to aid in classification according to the USCS.

   iii. Geotechnical properties. Depending on project data needs, geotechnical properties may be optional but often provide helpful information. Geotechnical properties include plasticity (ranging from "non-plastic" to "highly plastic" as determined by a thread test) and consistency (ranging from "loose" to "very dense" for coarse-grained soils and "soft" to "hard" for fine-grained soils). When using split spoon samplers, blow counts recorded during the standard penetration test (also referred to as N-values) are used to determine consistency; when using direct-push or sonic drilling, consistency is described qualitatively.

4. Using the USCS guide and the description of the soil, determine the appropriate USCS symbol and record it on the log. If it is difficult to distinguish the major constituent of a soil, a borderline "/" symbol may be used to denote the two potential major constituents present. This is not the same as the USCS classifications that utilize a dash, such as SW-SM.

5. Determine whether contacts between stratigraphic units are abrupt, or gradational. Note abrupt contacts using a solid line and gradational contacts using a dotted line. If the contact between units is not visible and was missed between sample depths, a dashed line is used.

6. If the site or area geology is known, and you are confident in your identification of a specific stratum, note the geologic unit. At a site where the geology is uncertain, you may make some more general notes about the depositional environment, such as identifying probable estuarine deposits, colluvium, glacial till, etc.

7. Note the moisture content of the soil, using "dry," "moist," "wet," or "saturated." Mark the water table at the time of drilling on the log at the depth where saturated soil is first observed.

3.4 OTHER OBSERVATIONS

1. Record other materials observed in the sample. These may include minor amounts of rootlets or other plant matter, evidence of organisms such as shell fragments, and/or anthropogenic debris such as brick fragments, plastic, or metal debris.
2. Record potential indications of contamination. These may include odors, colored or black staining on soils, colored crystals, hydrocarbon sheens, or non-aqueous phase liquid (NAPL) product.
    a. To test for hydrocarbon sheen, put a small amount of soil in a bowl, saturate with water and swirl, noting whether a rainbow sheen appears on the surface of the water. Alternatively, place a small amount of water in the bottom of the bowl and a small amount of soil along the side, then tilt the bowl so that the water slowly touches the soil. If observed, note the color of the sheen and describe as slight (discontinuous on the water surface), moderate (continuous but spreading slowly) or high (rainbow sheen covering entire surface water).
    b. To test for the presence of NAPL, use a clean paper towel to blot the surface of the core and note the proportion of the towel that is saturated with oil (be sure to allow the towel to dry when blotting moist to wet soils to distinguish between saturation due to NAPL and due to water).
3. Note the final depth of the boring and any reasons for early termination of the boring (i.e., refusal).
4. If monitoring wells will be installed, follow the Standard Guidelines for monitoring well construction and well development.

4.0 Decontamination

All reusable equipment that comes into contact with soil should be decontaminated as follows prior to moving to the next sampling location.

Split spoons, stainless steel bowls and spoons, and any other tools used for soil classification must be decontaminated between boring locations. If collecting soil samples for chemical analysis, split spoons and any tools used for sample processing must be decontaminated between each sample; alternatively, disposable bowls and spoons may be used. Equipment decontamination will consist of a tap water rinse to remove soil particles, followed by scrubbing with brushes and an alconox (or similar)/clean water solution and a final rinse with distilled or deionized water.

5.0 Investigation-Derived Waste

Unless otherwise specified in the project work plan, waste soils and other drilling materials generated during soil boring activities will be contained, transported, disposed of in accordance with applicable laws, and stored in a designated area until transported off-site for disposal.

The approach to handling and disposal of these materials is as follows. For investigation-derived waste (IDW) that is contained, such as waste soils, 55-gallon drums approved by the Washington State Department of Transportation (WSDOT) will be supplied by the driller and used for temporary storage pending profiling and disposal. Each container holding IDW will be sealed and labeled as to its contents (e.g., “soil cuttings”), the dates on which the wastes were placed in the container, the owner’s name, contact information for the field person who generated the waste, and the site name.

Whenever possible, IDW contained within drums will be characterized relative to applicable waste criteria using data from the sampling locations. Material that is designated for off-site disposal will be transported to an off-site facility that is permitted to accept the waste. Manifests will be used as appropriate for disposal.

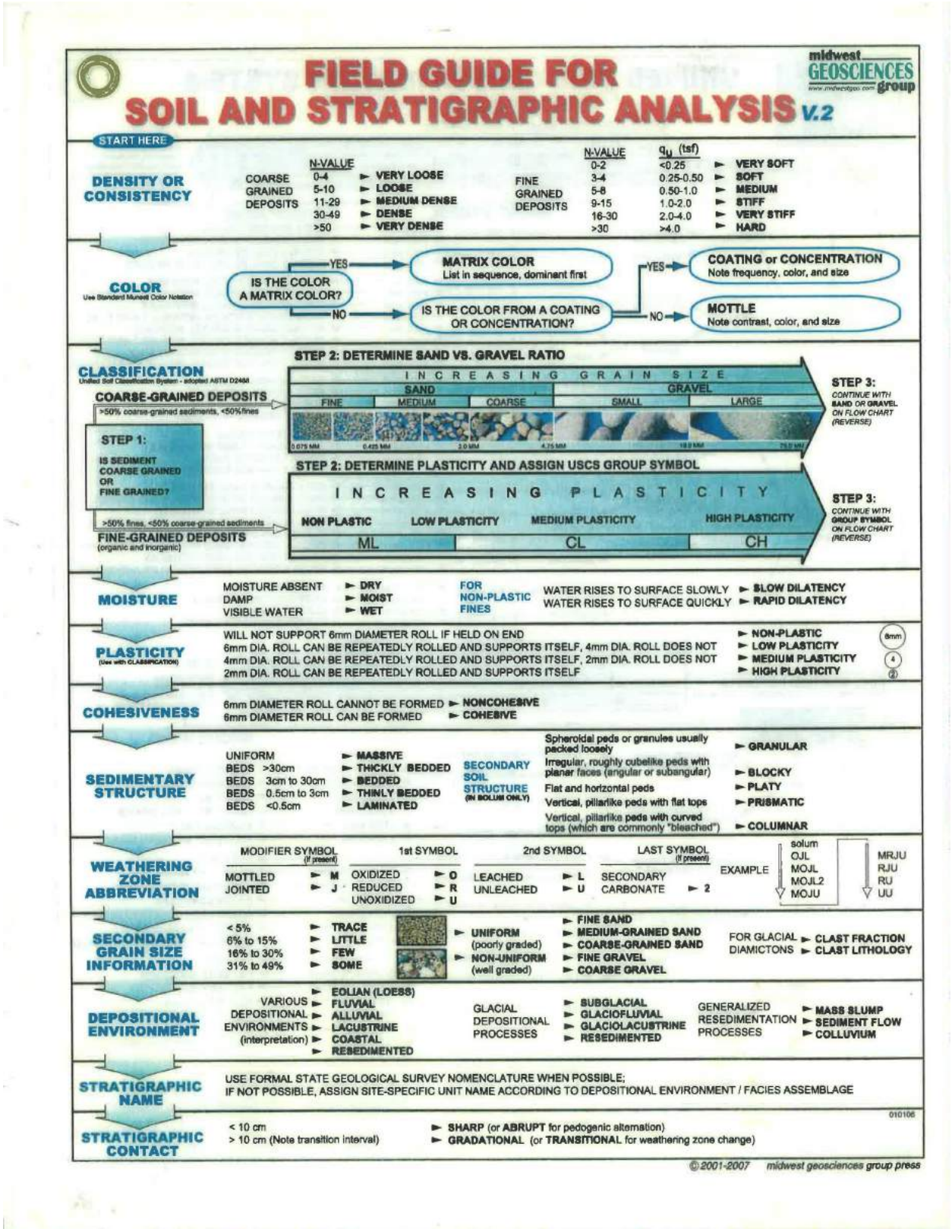
Disposable sampling materials and incidental trash such as paper towels and personal protective equipment (PPE) used in sample processing will be placed in heavy duty garbage bags or other appropriate containers and disposed of as solid waste in the municipal collection system (i.e., site dumpster).

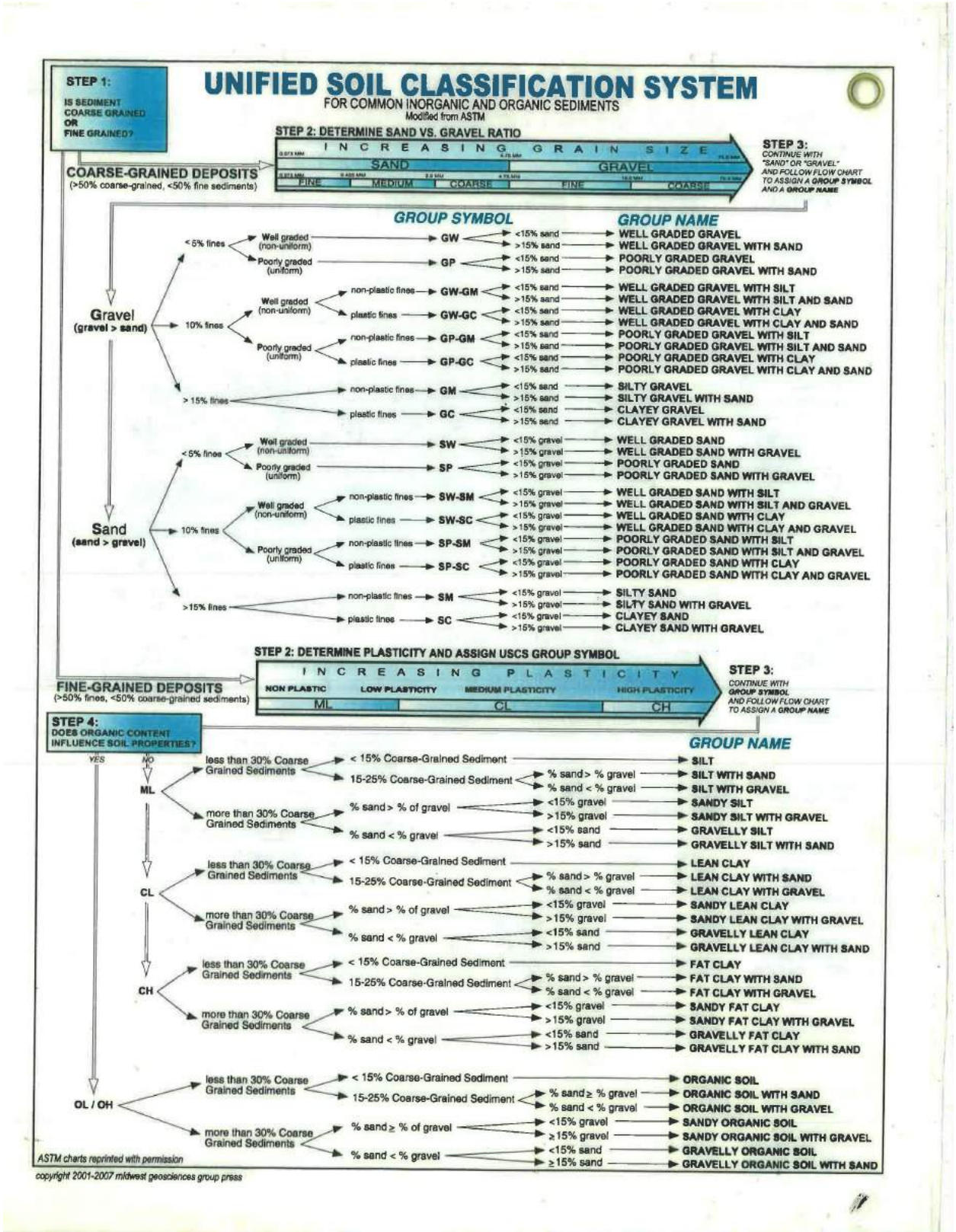
6.0 Field Documentation

All observations should be recorded on a soil boring form appropriate for the drilling method or in a bound field notebook. Field staff should make an effort to record as much detail as possible in the field log. After the field work is complete, a set of final logs (usually electronic) that serve as the record for the project will be completed in consultation with the project manager or field manager.

Enclosure: USCS Soil Classification Field Guide
Boring Log

USCS SOIL CLASSIFICATION FIELD GUIDE




UNIFIED SOIL CLASSIFICATION SYSTEM
FOR COMMON INORGANIC AND ORGANIC SEDIMENTS
Modified from ASTM
STEP 1: IS SEDIMENT COARSE GRAINED OR FINE GRAINED?
COARSE-GRAINED DEPOSITS (>50% coarse-grained, <50% fine sediments)
STEP 2: DETERMINE SAND VS. GRAVEL RATIO
INCREASING GRAIN SIZE
SAND
GRAVEL
FINE
MEDIUM
COARSE
FINE
COARSE
STEP 3: CONTINUE WITH "SAND" OR "GRAVEL" AND FOLLOW FLOW CHART TO ASSIGN A GROUP SYMBOL AND A GROUP NAME
GROUP SYMBOL
GROUP NAME
Gravel (gravel > sand)
<5% fines
Well graded (non-uniform)
GW
<15% sand
WELL GRADED GRAVEL
>15% sand
WELL GRADED GRAVEL WITH SAND
Poorly graded (uniform)
GP
<15% sand
POORLY GRADED GRAVEL
>15% sand
POORLY GRADED GRAVEL WITH SAND
10% fines
Well graded (non-uniform)
non-plastic fines
GW-GM
<15% sand
WELL GRADED GRAVEL WITH SILT
>15% sand
WELL GRADED GRAVEL WITH SILT AND SAND
plastic fines
GW-GC
<15% sand
WELL GRADED GRAVEL WITH CLAY
>15% sand
WELL GRADED GRAVEL WITH CLAY AND SAND
Poorly graded (uniform)
non-plastic fines
GP-GM
<15% sand
POORLY GRADED GRAVEL WITH SILT
>15% sand
POORLY GRADED GRAVEL WITH SILT AND SAND
plastic fines
GP-GC
<15% sand
POORLY GRADED GRAVEL WITH CLAY
>15% sand
POORLY GRADED GRAVEL WITH CLAY AND SAND
>15% fines
non-plastic fines
GM
<15% sand
SILTY GRAVEL
>15% sand
SILTY GRAVEL WITH SAND
plastic fines
GC
<15% sand
CLAYEY GRAVEL
>15% sand
CLAYEY GRAVEL WITH SAND
Sand (sand > gravel)
<5% fines
Well graded (non-uniform)
SW
<15% gravel
WELL GRADED SAND
>15% gravel
WELL GRADED SAND WITH GRAVEL
Poorly graded (uniform)
SP
<15% gravel
POORLY GRADED SAND
>15% gravel
POORLY GRADED SAND WITH GRAVEL
10% fines
Well graded (non-uniform)
non-plastic fines
SW-SM
<15% gravel
WELL GRADED SAND WITH SILT
>15% gravel
WELL GRADED SAND WITH SILT AND GRAVEL
plastic fines
SW-SC
<15% gravel
WELL GRADED SAND WITH CLAY
>15% gravel
WELL GRADED SAND WITH CLAY AND GRAVEL
Poorly graded (uniform)
non-plastic fines
SP-SM
<15% gravel
POORLY GRADED SAND WITH SILT
>15% gravel
POORLY GRADED SAND WITH SILT AND GRAVEL
plastic fines
SP-SC
<15% gravel
POORLY GRADED SAND WITH CLAY
>15% gravel
POORLY GRADED SAND WITH CLAY AND GRAVEL
>15% fines
non-plastic fines
SM
<15% gravel
SILTY SAND
>15% gravel
SILTY SAND WITH GRAVEL
plastic fines
SC
<15% gravel
CLAYEY SAND
>15% gravel
CLAYEY SAND WITH GRAVEL
STEP 2: DETERMINE PLASTICITY AND ASSIGN USCS GROUP SYMBOL
INCREASING PLASTICITY
NON PLASTIC
LOW PLASTICITY
MEDIUM PLASTICITY
HIGH PLASTICITY
ML
CL
CH
FINE-GRAINED DEPOSITS (>50% fines, <50% coarse-grained sediments)
STEP 3: CONTINUE WITH GROUP SYMBOL AND FOLLOW FLOW CHART TO ASSIGN A GROUP NAME
STEP 4: DOES ORGANIC CONTENT INFLUENCE SOIL PROPERTIES?
YES
NO
GROUP NAME
ML
less than 30% Coarse Grained Sediments
< 15% Coarse-Grained Sediment
SILT
15-25% Coarse-Grained Sediment
% sand > % gravel
SILT WITH SAND
% sand < % gravel
SILT WITH GRAVEL
more than 30% Coarse Grained Sediments
% sand > % of gravel
<15% gravel
SANDY SILT
>15% gravel
SANDY SILT WITH GRAVEL
% sand < % gravel
<15% sand
GRAVELLY SILT
>15% sand
GRAVELLY SILT WITH SAND
CL
less than 30% Coarse Grained Sediments
< 15% Coarse-Grained Sediment
LEAN CLAY
15-25% Coarse-Grained Sediment
% sand > % gravel
LEAN CLAY WITH SAND
% sand < % gravel
LEAN CLAY WITH GRAVEL
more than 30% Coarse Grained Sediments
% sand > % of gravel
<15% gravel
SANDY LEAN CLAY
>15% gravel
SANDY LEAN CLAY WITH GRAVEL
% sand < % gravel
<15% sand
GRAVELLY LEAN CLAY
>15% sand
GRAVELLY LEAN CLAY WITH SAND
CH
less than 30% Coarse Grained Sediments
< 15% Coarse-Grained Sediment
FAT CLAY
15-25% Coarse-Grained Sediment
% sand > % gravel
FAT CLAY WITH SAND
% sand < % gravel
FAT CLAY WITH GRAVEL
more than 30% Coarse Grained Sediments
% sand > % of gravel
<15% gravel
SANDY FAT CLAY
>15% gravel
SANDY FAT CLAY WITH GRAVEL
% sand < % gravel
<15% sand
GRAVELLY FAT CLAY
>15% sand
GRAVELLY FAT CLAY WITH SAND
OL / OH
less than 30% Coarse Grained Sediments
< 15% Coarse-Grained Sediment
ORGANIC SOIL
15-25% Coarse-Grained Sediment
% sand ≥ % gravel
ORGANIC SOIL WITH SAND
% sand < % gravel
ORGANIC SOIL WITH GRAVEL
more than 30% Coarse Grained Sediments
% sand ≥ % of gravel
<15% gravel
SANDY ORGANIC SOIL
≥15% gravel
SANDY ORGANIC SOIL WITH GRAVEL
% sand < % gravel
<15% sand
GRAVELLY ORGANIC SOIL
≥15% sand
GRAVELLY ORGANIC SOIL WITH SAND
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PROJECT:		LOCATION:	BORING ID:
LOGGED BY:		COORDINATE SYSTEM:	
DRILLED BY:		NORTHING:	EASTING:
DRILLING EQUIPMENT:		GROUND SURFACE ELEVATION:	
DRILLING METHOD:		TOTAL DEPTH (ft bgs):	DEPTH TO WATER (ft bgs):
SAMPLING METHOD:		BORING DIAMETER:	DRILL DATE:

Depth (feet)	USCS	Description	Drive	Recovery	# of Blows	PID (ppm)	Sample ID
0							

ABBREVIATIONS:
ft bgs = feet below ground surface
ppm = parts per million
USCS = Unified Soil Classification System
▼ = denotes groundwater table

NOTES:

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PROJECT:		LOCATION:	BORING ID:
LOGGED BY:		COORDINATE SYSTEM:	
DRILLED BY:		NORTHING:	EASTING:
DRILLING EQUIPMENT:		GROUND SURFACE ELEVATION:	
DRILLING METHOD:		TOTAL DEPTH (ft bgs):	DEPTH TO WATER (ft bgs):
SAMPLING METHOD:		BORING DIAMETER:	DRILL DATE:

Depth (feet)	USCS	Description	Drive	Recovery	# of Blows	PID (ppm)	Sample ID

ABBREVIATIONS:
ft bgs = feet below ground surface
ppm = parts per million
USCS = Unified Soil Classification System
▼ = denotes groundwater table

NOTES:

F|S STANDARD GUIDELINE

Well Construction

DATE/LAST UPDATE: May 2015

These procedures should be considered standard guidelines and are intended to provide useful guidance when in the field, but are not intended to be step-by-step procedures, as some steps may not be applicable to all projects.

All field staff should be sufficiently trained in the standard guidelines and should review and understand these procedures prior to going in the field. It is the responsibility of the field staff to review the standard guidelines with the field manager or project manager and identify any deviations from these guidelines prior to field work. When possible, the project-specific Sampling and Analysis Plan should contain any expected deviations and should be referenced in conjunction with these standard guidelines.

1.0 Scope and Purpose

This standard guideline presents commonly used procedures for the installation of resource protection wells, in accordance with applicable sections of the Washington State Minimum Standards for Construction and Maintenance of Wells (Washington Administrative Code [WAC] 173-160, Part Two) and ASTM Standard Practice for Design and Installation of Groundwater Monitoring Wells (ASTM D5092-04[2010]e1). These wells may include groundwater monitoring wells, piezometers, groundwater extraction wells, injection wells, or vapor extraction wells. The guideline is intended to be used by field staff who are overseeing well drilling and construction.

2.0 Equipment and Supplies

Well Installation Equipment and Tools:

- Tape measure or measuring wheel
- Weighted tape or leadline
- Water level meter
- Hand-held Global Positioning System (GPS; optional)
- Camera
- Trash bags

- Well construction materials including polyvinyl chloric (PVC) screen and riser, sandpack, bentonite and well monument will be provided by the drilling subcontractor.

Paperwork:

- Work Plan and/or Sampling and Analysis Plan (SAP)/Quality Assurance Project Plan (QAPP)
- Health and Safety Plan (HASP)
- Copies of figures showing previous boring locations and boring logs from previous investigations and historical depth to water levels, if available
- Well installation forms (printed on Rite in the Rain paper)
- Permanent markers and pencils

Personal Equipment:

- Steel-toed boots
- Hard hat
- Safety vest
- Safety glasses
- Nitrile gloves
- Ear plugs
- Rain gear
- Work gloves

3.0 Standard Procedures

3.1 PREPARATION

First, before going into the field, it is important to discuss the project needs with the Project Manager (PM). These include the appropriate aquifer for well screening (especially if it is not the shallowest aquifer), soil sampling interval (if applicable to drilling method), screen length and placement (especially important at tidally influenced sites), well construction materials (i.e., screen slot size and grain size of the filter pack), surface completion of the wells, and any other important construction details. Any non-standard materials needed for well construction should also be communicated to the drilling firm when the work is scheduled, or a minimum of two weeks prior to the field event. Select a boring log template that is appropriate for the project needs.

Next, review the work plan and existing materials such as cross-sections, historical depth to water levels, or boring logs from previous investigations (if available) to familiarize yourself with the

site geology. In addition to site-specific information (or alternatively if other information is not available), a geologic map of the area from a reputable source such as the U.S. Geological Survey (USGS) may also be reviewed.

Finally, check the area of the site where drilling will occur for underground objects. A OneCall locate request should be made at least one week and no less than three days prior to commencement of drilling in order to give public utility locators time to mark known, buried utility lines. All planned boring locations should be marked on the ground with white spray paint prior to making a locate request. In almost all cases, site maintenance managers or equivalent should be consulted for site selection and a private utility locator should clear any underground objects using electromagnetic techniques from the drilling area. If drilling in close proximity to buried utilities, field staff may need to request authorization for use of an air knife or vacuum extraction to clear the borehole to a depth below the utility lines.

3.2 DRILLING

1. Mark the desired well location using coordinates pre-loaded into a handheld GPS, or by measuring from known Site features. It is best to use both methods, if possible.
2. Before drilling begins, record the following information on each log:
    a. Operator's name and company, equipment make/model, equipment measurements (i.e., sampler length and diameter, hammer weight and stroke if using hollow stem auger, boring diameter).
    b. Your name, date, project, boring name, and approximate descriptive location relative to existing site features. Include a description of the ground surface and whether or not concrete coring was necessary; if so, include core diameter, concrete thickness, and subcontractor information.
    c. A small hand drawn map showing your location with measurements to a stationary reference point, or GPS coordinates (or ideally, both). This is also a good place to note if you have had to move a boring location because of underground utilities, access issues, etc. It is important to record the reason for relocation and the direction and distance moved (i.e., moved 10 feet to the north due to presence of subsurface water line).
3. If you are using a hollow stem auger, it is important to communicate to the driller how often you would like a split spoon sample collected. Typically this would be continuous or every 5 feet but may be different depending on the project needs. Usually this is established before the driller issues a quote. Any changes will affect the cost of the work and should be discussed with the PM.
    a. Record any feedback from the driller about the drilling conditions. This may include difficult drilling or rig chatter (usually caused by hard materials), heaving sands (usually caused by hydrostatic pressure on the borehole), caving, or hole instability.

4. For split spoon samples, record the number of hammer blows (blow counts) necessary to drive the sampler each 6-inch increment, as reported by the driller. If more than 50 blows are needed, record the distance that the sampler was driven in 50 blows (i.e., 2-inches in 50 blows). This is referred to as the standard penetration test (SPT).
5. For all drilling methods, create a log of the soils encountered according to the Floyd|Snider Soil Logging Standard Guideline. Pay particular attention to the moisture content of the soils, making careful notation of the water table where free water is first encountered. After drilling has been completed to the desired depth, confirm the depth to the water table using a water level meter.

3.3 WELL DESIGN AND CONSTRUCTION

1. Determine the length and placement of the well screen based on the observed depth to the water table, the specifics of the work plan, and the observed lithology. The well screen is typically set across the water table of shallow aquifers for monitoring wells and piezometers. However, the screened interval may be fully submerged for groundwater extraction wells, sites with very shallow groundwater, or wells installed in deeper aquifers below confining units. If an area is tidally influenced, note the tide elevation during well completion; if the tide is at a high or low at the time of drilling the well screen may need to be lowered or raised accordingly so that the screen spans the water table when the tide is at zero. The hydraulic conductivity of the aquifer material will also factor into well screen placement. For example, wells screened in tight silts may not produce enough water to adequately develop and sample. In this case, it may be preferable to screen the well in a more transmissive unit. Include the length of any required bottom caps or sumps below the well casing when determining the total depth of the boring required to place the well screen at the desired interval. The Washington State minimum standards also require that the diameter of the well screen relative to the diameter of the borehole (annual space) be small enough to allow placement of a filter pack that is 4 inches in diameter larger than the screen. For example, a 2-inch diameter monitoring well should be completed within a borehole that has a minimum 6-inch diameter.
2. Determine the filter pack material. The purpose of the filter pack is to prevent fine-grained aquifer material from entering the well while still allowing groundwater to flow through. Filter pack is composed of clean, rounded, relatively uniform silica sand. The choice of sand for the filter pack will depend on the grain size range of the aquifer material, with emphasis on the finest aquifer material. Filter pack material should be approximately 10 to 15 times the grain size of the surrounding aquifer material. The particle size ranges of fine, medium, and coarse sand, and the particle size ranges of common filter pack materials are given in the two tables below. As indicated in these tables, suitable filter pack choices for an aquifer with appreciable fine sand would include a range from 20-40 to 10-20 sand. For aquifers where the smallest particle size is medium sand, a filter pack of 2-12 sand or similar may be appropriate. More precise filter pack designs are possible based on grain size curves (see Driscoll 1986, Blair 2006).

Unified Soil Classification System (USCS) Classification	U.S. Sieve Size	Grain Size (inches)	Grain Size (millimeters)
Fine Sand	40 to 200	.003 to 0.16	.074 to .42
Medium Sand	10 to 40	.016 to .06	.42 to 1.68
Coarse Sand	10 to 4	.06 to 0.19	1.68 to 4.76

Example Sand Pack Gradations (U.S. Sieve Sizes)	Grain Size (inches)	Grain Size (millimeters)
32-40	.016 to .02	.42 to .55
20-40	.016 to .03	.42 to .84
16-30	.05 to .02	.59 to 1.2
10-20	.03 to .08	.84 to 2
2-12	.06 to .3	1.7 to 8

3. Determine the screen slot diameter. The purpose of the well screen is to allow groundwater to flow into and through the well screen for sample collection. Monitoring well casings are typically constructed of PVC (Washington State minimum standards require Schedule 40 or thicker-walled PVC for borings up to 200 feet deep); however, materials such as stainless steel may be used for the purposes of longevity, heat, specific chemical resistance, or other site-specific concerns. The screened interval of the well consists of a series of slots that are commonly 0.01 inch or 0.02 inch in width. Similar to filter pack material, narrower slots allow less fine-grained material and also less groundwater to pass through them. The screen slot size should be selected to retain approximately 90% or greater of the filter pack material. The largest screen slot size practical should be selected.
4. Once the driller has assembled the well casing of the appropriate length, oversee placement of the casing and filter pack. The casing should be centered in the borehole and level. When using a hollow stem auger, the sand is typically poured from the surface while the augers are being lifted from the borehole. When using sonic drilling or other methods where the drill rods are removed prior to sand placement, it is preferable to use a Tremie tube lowered to the bottom of the borehole to deliver the sand, which helps to ensure that the sand has actually reached the bottom of the borehole. As the driller is pouring sand into the annular space, monitor the height of the sand in the borehole using a weighted tape or leadline to ensure that the space is being filled evenly. If possible, use a surge block to force water from the well out into the sand pack periodically to eliminate any bridges or gaps in the sand. The sand pack

placement is complete when it has reached a height minimum of 1 foot (but no more the 5 feet) above the top of the well screen.

5. A bentonite seal must be placed above the sand pack to isolate the screened interval of the aquifer and to prevent the annular space from acting as a preferential pathway for surface water, water above the screen zone, or other liquid (i.e., free product). The purpose of the bentonite plug is to prevent downward migration inside the borehole, which has the potential to cause groundwater contamination. Monitor the placement of the bentonite plug above the sand pack. The bentonite plug is typically composed of dehydrated bentonite chips, which are poured into the annual space from the surface; or a bentonite slurry, which is pumped into the space via a Tremie tube. A bentonite chip seal is still recommended (but not necessary) immediately above the sand pack when using bentonite slurry to minimize migration of the slurry into the sandpack. Pumping is preferable in situations where bentonite will be placed below the water table. The U.S. Environmental Protection Agency (USEPA) recommends that the bentonite seal consist of a minimum of 2 feet of bentonite placed above the sand pack. If using a bentonite chip seal, hydrate the chips with clean water so that they expand to seal the borehole.
6. Communicate the desired surface completion to the driller (i.e., an aboveground well monument or a monument flush with the ground surface) if you have not already done so. Verify that the well monument has been installed correctly. For flush-mounted wells, ensure that the well is level with the surrounding grade, especially in areas with pedestrian or vehicle traffic. In areas with frequent or heavy vehicle traffic, heavy-duty traffic-rated monuments or manholes should be used. For aboveground well monuments (i.e., stand pipes), ensure that the monument is level, anchored in a minimum of 2 feet of concrete, and protected by steel bollards, unless otherwise specified in the work plan. The concrete surrounding any well monument should seal the borehole at the ground surface.

4.0 Decontamination

All reusable equipment that comes into contact with soil and groundwater should be decontaminated as follows prior to moving to the next sampling location.

Split spoons, stainless steel bowls and spoons, the water level tape, and any other tools used for well drilling and installation must be decontaminated between boring locations. If collecting soils samples for chemical analysis, split spoons and any tools used for sample processing will be decontaminated between each sample; alternatively, disposable bowls and spoons may be used. Equipment decontamination will consist of a tap water rinse to remove soil particles, followed by scrubbing with brushes and an alconox (or similar)/clean water solution, and a final rinse with distilled or deionized water.

5.0 Investigation-Derived Waste

Unless otherwise specified in the project work plan, waste soils, liquids, and other drilling materials generated during well drilling and installation will be contained in accordance with applicable laws, and stored in a designated area until transported off-site for disposal.

The approach to handling and disposal of these materials is as follows. For investigation-derived waste (IDW) that is contained, such as waste soils, 55-gallon drums approved by the Washington State Department of Transportation (WSDOT) will be supplied by the driller and used for temporary storage pending profiling and disposal. Each container holding IDW will be sealed and labeled with its contents (e.g., "soil cuttings"), the date(s) on which the wastes were placed in the container, the owner's name, contact information for the field person who generated the waste, and the site name.

IDW contained within drums will be characterized relative to applicable waste criteria using data from the sampling locations whenever possible. Material that is designated for off-site disposal will be transported to an off-site facility permitted to accept the waste. Manifests will be used as appropriate for disposal.

Disposable sampling materials and incidental trash such as paper towels and personal protective equipment (PPE) used in sample processing will be placed in heavy-duty garbage bags or other appropriate containers and disposed of as solid waste in the municipal collection system (i.e., site dumpster).

6.0 Field Documentation

All observations should be recorded on a soil boring/well completion form appropriate for the drilling method or in a bound field notebook. Field staff should record as much detail as possible in the field log (including well construction materials, Ecology well ID tag number, and surface completions) and note any anomalies or details that varied from the SAP. After the field work is complete, a set of final well construction logs (usually electronic) that serve as the record for the project will be completed in consultation with the project manager or field manager.

F|S STANDARD GUIDELINE

Well Development

DATE/LAST UPDATE: May 2015

These procedures should be considered standard guidelines and are intended to provide useful guidance when in the field, but are not intended to be step-by-step procedures, as some steps may not be applicable to all projects.

All field staff should be sufficiently trained in the standard guidelines and should review and understand these procedures prior to going in the field. It is the responsibility of the field staff to review the standard guidelines with the field manager or project manager and identify any deviations from these guidelines prior to field work. When possible, the project-specific Sampling and Analysis Plan should contain any expected deviations and should be referenced in conjunction with these standard guidelines.

1.0 Scope and Purpose

This Standard Guideline for Well Development presents commonly used procedures for monitoring well development for newly installed monitoring wells and/or existing wells that may require redevelopment. Monitoring well development restores hydraulic conductivity with the surrounding formations that were disturbed during the drilling process. Development removes residual fines from well filter pack materials and the borehole wall and reduces the turbidity of the water, which provides more representative groundwater samples. These wells may include groundwater monitoring wells, piezometers, or groundwater extraction wells. This guideline describes the purge and surge method of development and is intended to be used by field staff who are overseeing or completing well development. Often, the drilling subcontractors are asked to complete well development activities subsequent to new well installations, in which case, Floyd|Snider staff would oversee the development. Other development methods, such as jetting, are not described herein, but may be used if specified in the project-specific Work Plan or Sampling and Analysis Plan (SAP).

Well development shall be completed by continuous pumping at a steady rate using a portable pump and polyethylene tubing, with regular surging (e.g., using a surge block) to force water through the filter pack and surrounding formation. Wells should ideally be developed either

during installation (following sand placement but prior to sealing) or soon after installation, unless otherwise specified in the work plan, using the described methodologies or equivalents. For wells that are completed using a grout or concrete seal, if development does not take place prior to sealing, it should be completed within 48 hours following well installation in order allow for grout and concrete to cure.

2.0 Equipment and Supplies

Well Development Equipment and Tools:

- Appropriate high volume pump (centrifugal, submersible, etc.) and correct diameter tubing, or bailer
- Hose clamps (optional)
- Power source (generator, 12-volt battery, or car battery) and appropriate power adapter for pump
- Water quality meter or turbidity meter (if needed)
- 2-, 4-, or 6-inch surge block (typically provided by the driller)
- Water level meter
- Washington State Department of Transportation (WSDOT)-approved 55-gallon drums
- Equipment decontamination supplies including:
  - Scrub brushes
  - Alconox or other soap
  - Distilled or deionized water
  - Paper towels
- Trash bags
- Camera

Paperwork:

- Work Plan and/or SAP/Quality Assurance Project Plan (QAPP)
- Bound field notebook or appropriate field forms
- Well development form (printed on Rite in the Rain paper)
- Health and Safety Plan (HASP)
- Well installation forms (printed on Rite in the Rain paper)

Personal Equipment:

- Steel-toed boots
- Safety vest
- Safety glasses
- Nitrile gloves
- Rain gear
- Work gloves

3.0 Standard Procedures

3.1 OFFICE PREPARATION

Meet with the project manager to identify key information and goals of the well development, including how long after construction the wells should be developed. Determine if Floyd|Snider or the driller will be doing the development.

3.2 WELL DEVELOPMENT PROCEDURES

The following procedures are general guidelines for monitoring well development. These same procedures are also appropriate for extraction wells, injection wells, and/or piezometers. Specific instructions provided in individual work plans shall supersede these procedures in the event there are discrepancies.

Visually inspect all well development equipment for damage; repair as necessary.

1. Decontaminate all hoses, surge blocks, and/or submersible pump by scrubbing with brush and alconox or other soap solution and rinsing with deionized water.
2. Prior to development, use a water level meter to measure the depth in each well to the static water level and total depth to a reference mark on the top of the well casing.
3. Attach a length of clean or disposable tubing, approximately 5 feet longer than the well casing, to the outlet of the submersible pump.
4. Each well development cycle consists of surging followed by well evacuation (pumping). Surging may be accomplished with a surge block sized to fit snugly inside the well casing, or with the submersible pump. Surging using a pump increases the hydraulic gradient and velocity of groundwater near the well by drawing the water level down and moving more fine-grained soil particles into the well casing. Surging using a pump is only effective if the well produces enough water for continuous pumping and the pump is of a large enough diameter relative to the well casing. If

pumping must be stopped to allow the well to recharge, a surge block is preferable for surging. If using a surge block, connect polyvinyl chloride (PVC) pipe or other rods longer than the well casing to the surge block. Lower the surging device into the well to a depth within the screened interval. A bailer can be used to surge in situations when a surge block is not available and the well has insufficient recharge for the submersible pump.

5. During development, it is important to note the color and clarity of the water and any other visual or olfactory observations on the field form or in the field notebook. Note any significant changes as development progresses.
6. Surging should consist of a minimum of ten consecutive surges (i.e., quickly raise and lower surge block or pump in well) with an appropriately sized surge block or pump over the full length of the screen. For long well screens (greater than 10 feet), surging should be done in short intervals of 2 to 3 feet at a time. In cases where the screen extends to above the water table, clean water may have to be added to the well to develop the top of the filter pack.
7. After surging, water is purged from well until the pumped stream starts to run clear. At that point, stop pumping and initiate another surge cycle. If a well has more hydraulic head than the pump is able to overcome, or if an insufficient volume of water for pumping is present, a disposable bailer may also be used for purging.
8. Repeat this procedure until evacuated water is visibly clear and essentially free of sediment. Perform a minimum of three surge and pump cycles.
9. Well development will be terminated when the variation in the turbidity Nephelometric Turbidity Units (NTUs) readings is less than 10 percent or until the discharge is visibly clear and free of sediment after a minimum of three surge and purge cycles. As an alternative, periodic water samples can be collected for field measurements of temperature, specific conductivity, and pH; well development should continue until field parameters stabilize to within ±5 percent on three consecutive measurements or 10 well volumes have been purged. If it is not possible reduce the turbidity further, the well should be purged up to a maximum of four hours or as determined sufficient by the field geologist or project manager.
10. Report field observations and volume of water removed on the standard well development form (attached). Take final water level measurements and record then on the field form or in the field notebook.
11. Contain the purged water and manage in accordance with the project-specific SAP or Section 5.0 below. Prior to developing the next well or after the completion of development activities, decontaminate all reusable equipment used in development in accordance with Section 4.0 below.
12. If feasible, it is best to wait at least two weeks after development to sample the wells. Wells can be sampled a minimum of 48 hours after the completion of development if

the project schedule requires a quick turnaround. However, the groundwater sample will be more representative of static conditions in the aquifer if allowed to stabilize for at least one to two weeks after development.

4.0 Decontamination

All reusable equipment that comes into contact with groundwater should be decontaminated as follows prior to moving to the next sampling location.

Water level meter and surge block: The water level indicator and tape will be decontaminated between sampling locations and at the end the day by spraying the entire length of tape that came in contact with groundwater with an Alconox (or similar)/clean water solution followed by a thorough rinse with distilled or deionized water. Surge block decontamination will consist of a tap water rinse to remove soil particles, followed by scrubbing with brushes and an alconox (or similar)/clean water solution and a final rinse with distilled or deionized water.

Submersible Pump: Decontaminating the pump requires running the pump in three progressively cleaner grades of water. Place the pump and the length of the power cord that was in contact with water into a bucket containing approximately four gallons of an Alconox (or similar)/clean water solution. Run the pump for approximately two minutes or until the volume of water in the bucket has been exhausted. Next, place the pump and cord into a second bucket containing approximately four gallons of clean water and run the pump for approximately two minutes or until the volume of water in the bucket is exhausted. Lastly, place the pump and power cord into a third bucket containing approximately four gallons of distilled or deionized water and run the pump for approximately two minutes or until the volume of water in the bucket is exhausted. The soap/water solution and rinse water may be re-used. When done for the day, dry the exterior of the pump and power cord with clean paper towels to the extent practical prior to storage. All decontamination water and rinse water (including soapy solution) should be managed in accordance with Section 5.0 below.

5.0 Investigation-Derived Waste

Unless otherwise specified in the project work plan, well development and decontamination water generated during development and any drilling materials will be contained and stored in a designated area until transported off-site for disposal in accordance with applicable laws.

The approach to handling and disposal of these materials is as follows. For investigation-derived waste (IDW) that is contained, such as well development water, WSDOT-approved 55-gallon drums will be supplied by the driller and used for temporary storage pending profiling and disposal. Each container holding IDW will be sealed and labeled as to its contents (e.g., “MW-1 Well development water”), the date(s) on which the wastes were placed in the container, the

owner's name, contact information for the field person who generated the waste, and the site name.

IDW contained within drums will be characterized relative to applicable waste criteria using data from the sampling locations whenever possible. Material that is designated for off-site disposal will be transported to an off-site facility permitted to accept the waste. Manifests will be used as appropriate for disposal.

Disposable sampling materials and incidental trash such as paper towels and personal protective equipment (PPE) used in sample processing will be placed in heavy duty garbage bags or other appropriate containers and disposed of as trash in the municipal collection system (i.e., site dumpster).

6.0 Field Documentation

Well development procedures will be documented on the well development field form (attached) or a bound field notebook. Information recorded will at a minimum include date, personnel present (including subcontractors), purpose of field event, weather conditions, depth of water, well construction details for the well(s) being developed (i.e., diameter, total depth, screen interval), water quality field measurements (if collected), amount of purged water generated, and any deviations from the SAP.

Enclosure: Well Development Field Form

WELL DEVELOPMENT FIELD FORM

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Project Name:_____ Date: _____

Project Number:_____ Field Personnel: _____

Driller (if applicable): _____

Purge Data

Well ID:	Total Well Depth:	Well Condition/Damage Description:
Well Casing Type/Diameter/Screened Level:		One Casing Volume (gal):
Method of Development (Circle): Surge Block Pump Surge Bailer		Equipment Used (type of pump, etc.):

Begin Purge (time):
End Purge (time):
Gallons Purged (time):
Purge Water Disposal Method (circle): On-site Storage Tank On-site Treatment Drum Other:

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
1 ¼"	1.660"	1.380"	0.08	0.64
2"	2.375"	2.067"	0.17	1.45
3"	3.500"	3.068"	0.38	3.2
4"	4.500"	4.026"	0.66	5.51
6"	6.625"	6.065"	1.5	12.5

Time	Depth to Water (feet)	Vol. Purged (gallons)	Rate (gpm)	pH	Conductivity	Turbidity	Temp	Comments
			--	--	--	--	--	Prior to purging

Notes:

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F|S STANDARD GUIDELINE

Low-Flow Groundwater Sample Collection

DATE/LAST UPDATE: December 2022

These procedures should be considered standard guidelines and are intended to provide useful guidance when in the field but are not intended to be step-by-step procedures, as some steps may not be applicable to all projects.

All field staff should be sufficiently trained in the standard guidelines for the sampling method they intend to use and should review and understand these procedures prior to going into the field. It is the responsibility of the field staff to review the standard guidelines with the field manager or project manager and identify any deviations from these guidelines prior to field work. When possible, the project-specific Sampling and Analysis Plan should contain any expected deviations and should be referenced in conjunction with these standard guidelines.

1.0 Scope and Purpose

This standard guideline provides details necessary for collecting representative groundwater samples from monitoring wells using low-flow methods. These guidelines are designed to meet or exceed guidelines set forth by the Washington State Department of Ecology (Ecology). Low-Flow sampling provides a method to minimize the volume of water that is purged and disposed from a monitoring well, and minimizes the impact that purging has on groundwater chemistry during sample collection.

2.0 Equipment and Supplies

Groundwater Sampling Equipment and Tools

- For wells with head less than 25 feet:
  - Peristaltic pump with fully charged internal battery or standalone battery and appropriate connectors
- For wells with head greater than 25 feet:
  - Bladder pump and controller, as well as an air cylinder, or air compressor (with extension cord if near an electrical outlet; with battery and appropriate connectors or generator if not near an outlet)

    OR

  - Low-flow submersible pump and controller (with extension cord if near an electrical outlet; with battery and appropriate connectors or generator if not near an outlet)
- Multi-parameter water quality meter
- Water level meter
- Polyethylene tubing, Teflon tubing, or similar (assume polyethylene unless otherwise specified in SAP) and tubing weights (for wells deeper than approximately 10 feet)
- Silicone tubing
- Filters (if field filtering)
- Tools for opening wells and drums (1/2-inch, 9/16-inch, 5/8 and 15/16-inch sockets ratchet, screwdriver, hammer/rubber mallet, bung wrench; any other necessary tools if non-standard monuments have been used)
- Well keys
- Tube cutters, razor blade, or scissors
- 5-gallon buckets, lids, and clamp
- Decontamination supplies: Alconox (or similar), distilled or deionized water, spray bottles, and paper towels
- Bailer or hand pump to drain well box if full of stormwater
- Trash bags

Lab Equipment

- Sample jars/bottles
- Coolers
- Chain-of-Custody Forms
- Labels
- Ice
- Ziploc bags

Paperwork

- Field notebook with site maps
- Table of well construction details and/or well logs, if available
- Sampling forms (enclosed)
- Purge water plan
- Rite-in-the-Rain pens, paper, and permanent markers

- Site-Specific Health and Safety Plan (HASP) and F|S Accident Prevention Plan (APP)
- List of emergency contacts for the Site or facility
- Safety Data Sheets (SDS) binder
- Sampling and Analysis Plan (SAP) and/or Quality Assurance Project Plan (QAPP) (including tables of analytes and bottle types)

Safety Equipment

- PPE:
  - Waterproof boots (safety toed, depending on site)
  - Safety vest
  - Safety glasses
  - Rain gear
  - Nitrile gloves
  - Work gloves
- First Aid kit
- Emergency kit (fire extinguisher, road flares)
- Traffic barricades or cones

3.0 Standard Procedures

Low-flow groundwater sampling consists of purging groundwater within the well casing at a rate equal to or less than the flow rate of representative groundwater from the surrounding aquifer into the well screen. The flow rate will depend on the hydraulic conductivity of the aquifer and the drawdown, with the goal of minimizing drawdown within the monitoring well. Field parameters are monitored during purging and groundwater samples are collected after field parameters have stabilized. Deviations from these procedures should be approved by the Project Manager and fully documented.

3.1 OFFICE PREPARATION

First, meet with the PM to identify the key objectives of the groundwater sampling effort. This may include the order of wells to be sampled (e.g., if using non-dedicated equipment, wells may need to be sampled in order of least contaminated to most contaminated), whether any wells require redevelopment at least 24-hours prior to sampling, and/or key stabilization parameters (e.g., elevated turbidity may require purging beyond 30 minutes, even if the readings are within 10%).

Conduct a kick-off meeting with the sampling team to discuss site health and safety protocols, data quality objectives, and any site-specific special considerations or sampling procedures.

3.2 TAILGATE SAFETY MEETING

Conduct a tailgate safety meeting prior to beginning work at the site. Emergency evacuation procedures, rally points, and onsite communication protocols should be discussed at the first tailgate meeting and repeated if new personnel join the field team onsite.

The safety meeting should cover the hazards specific to groundwater sampling. Typical hazards include the following:

- Chemical hazards (refer to HASP for site chemical exposure hazards)
- Site hazards
  - Traffic hazards onsite (e.g., truck traffic, heavy machinery)
  - Biological hazards (e.g., spiders or wasps within well monuments)
- Physical hazards associated with lifting and carrying heavy equipment and repeated bending while sampling
- Cuts and abrasions associated with using blades and tools
- Electrical hazards (make sure all wires/cables are in good condition and connections to battery or outlet are secure)
- Heat stress and cold stress

Record the meeting attendees and topics discussed on the front page of the tailgate safety meeting form (included as an attachment to the HASP). All attendees should sign the form.

3.3 OTHER HEALTH AND SAFETY GUIDELINES

The following are additional health and safety guidelines that should be followed in the field. These guidelines are intended to supplement the guidelines and requirements identified in the HASP and are not intended to replace the HASP.

- Review and sign the HASP prior to going into the field.
- Conduct a tailgate safety meeting prior to beginning work at the site as discussed in Section 3.2
- When moving between monitoring wells or switching to different tasks (e.g., transitioning from sampling to cooler QC prior to lab pickup), assess any additional hazards that may be associated with the new location or task. Record additional hazards noted and corrective actions to address those hazards on the Daily Tailgate Safety Meeting and Debrief Form (included as an attachment to the HASP).
- Record near misses and incidents on the Near Miss and Incident Reporting Form (included as an attachment to the HASP) and conduct management/client notifications according to the protocols detailed in the HASP.

3.4 CALIBRATION OF WATER QUALITY METERS

All multi-parameter water quality meters to be used will be calibrated prior to each sampling event. Calibration procedures are outlined in each instrument's specific user manual.

3.5 MONITORING, MAINTENANCE, AND SECURITY

Prior to sampling, depth to water and total depth measurements will be collected and recorded for accessible monitoring wells onsite (or an appropriate subset for larger sites). Check for an existing measuring point (notch or visible mark on top of casing). If a measuring point is not observed, a measuring point should be established on the north side of the casing. The conditions of the well box and bolts will also be observed, and deficiencies will be recorded on the sampling forms or logbook (i.e., missing or stripped bolt). The following should also be recorded:

- Condition of the well box, lid, bolts, locks, and gripper cap, if deficiencies
- Condition of gasket if deficient and if water is present in the well box
- Note any obstructions or kinks in the well casing
- Note any equipment in the well casing, such as transducers, bailers, or tubing
- Condition of general area surrounding the well, such as subsidence, potholes, or if the well is submerged within a puddle.

Replace any missing or stripped bolts and redevelop wells if needed.

3.6 LOW-FLOW PURGING METHOD AND SAMPLING PROCEDURES

Groundwater samples will be collected using low-flow purging and sampling procedures consistent with Ecology guidelines and the U.S. Environmental Protection Agency (USEPA) standard operating procedures (USEPA 1996). The following describes the Low-Flow purging and sampling procedures for collecting groundwater samples using a peristaltic pump. If the water level is greater than approximately 20 to 25 feet below ground surface (bgs), Grundfos or Geotech submersible pumps or bladder pumps can be used since their pumping rates can be adjusted to low-flow levels. Submersible pumps are preferable to bladder pumps in situations where less than 5 feet of water column are present in the well casing.

- Place the peristaltic pump and water quality equipment near the wellhead. Slowly lower new poly tubing down into the well casing approximately to the middle of the well screen. When sampling wells with a bottom screen depth greater than approximately 10 feet, it is important to measure the length of tubing prior to placement as longer lengths of tubing are more likely to get caught or otherwise obstructed and feel like it has reached the well bottom; this issue can be mitigated by using decontaminated stainless steel tubing weights. If the depth of the well screen is not known, lower the appropriate length of tubing to the bottom of the well, making sure that the tubing has not been caught on the slotted well casing, and then raise the tubing 3 to 5 feet off the bottom of the casing (limit this distance to 2 feet for wells with total depth less than 10 feet). Document the estimated depth of the tubing

placement within the well. Connect the tubing to the peristaltic pump using new flex tubing and connect the discharge line to the flow-through cell of the water quality meter. The discharge line from the flow cell should be directed to a bucket to contain the purged water.

- If using a low-flow submersible pump, connect the pump head to dedicated or disposable tubing. If using a bladder pump, connect both the air intake and water discharge ports to decontaminated or disposable tubing, using the manufacturer's instructions to ensure a secure connection. Lower the pump with tubing into the well as described above and connect the water discharge tubing directly to the flow-through cell.
- Measure the depth to water to the nearest 0.01 foot with a decontaminated water level meter and record the information on a sampling form.
- Start pumping the well at a purge rate of 0.1 to 0.2 liters per minute and slowly increase the rate. Purge rate is adjusted using a speed control knob or arrows on peristaltic and low-flow submersible pumps. The purge rate for bladder pumps is controlled by the air compressor, which first pressurizes the pump chamber in order to compress the flexible bladder and force water through the discharge line, and then vents the chamber in order to allow the bladder to refill with water.
    - A good rule of thumb is to pressurize to 10 psi + 0.5 psi/foot of tubing depth and begin with 4 discharge/refill cycles per minute; using greater air pressure and accelerating the pump cycles will increase the purge rate.
- Check the water level. If the water level is dropping, lower the purge rate. Maintain a steady flow with no or minimal drawdown (less than 0.33 feet according to USEPA 2002). Maintaining a drawdown of less than 0.33 feet may not be feasible depending on hydrogeological conditions. If possible, measure the discharge rate of the pump with a graduated cylinder or use a stopwatch when filling sampling jars (500 milliliters [mL] polyethylene or glass ambers) to estimate the rate. When purging water through a flow cell, the maximum flow rate for accurate water quality readings is about 0.5 liters per minute (L/minute).
- The discharge tubing should be connected to the flow cell immediately upon initial water discharge, unless the discharge water is visibly turbid or flocculant is observed. Monitor and record water quality parameters every three to five minutes after one tubing volume (including the volume of water in the flow cell) has been purged.
    - One foot of ¼-inch interior diameter tubing holds about 10 mL of water, and flow-through cells typically hold less than 200 mL of water; one volume should be purged after about 5 minutes at a flow rate of 0.1 L/minute.
- Water-quality indicator parameters that will be monitored and recorded during purging include:
    - pH
    - Specific conductivity

  - Dissolved oxygen
  - Temperature
  - Turbidity
  - Oxidation reduction potential (ORP)

- Continue purging until temperature, pH, turbidity, and specific conductivity are approximately stable (when measurements are within 10 percent) for three consecutive readings, or 30 minutes have elapsed. Because these field parameters (especially dissolved oxygen and ORP) may not reach the stabilization criteria, collection of the groundwater sample will be based on the professional judgment of field personnel at the time of sampling. A minimum of 5 water quality readings should be collected prior to sampling.
- The water sample can be collected once the criteria above have been met.
- If drawdown in the well cannot be maintained at 0.33 feet or less, reduce the flow or turn off the pump for 15 minutes and allow for recovery. If the water quality parameters have stabilized, and if at least two tubing volumes and the flow cell volume have been purged, then sample collection can proceed when the water level has recovered, and the pump is turned back on. This should be noted on the sampling form.
- To collect the water sample, maintain the same pumping rate. After the well has been purged and the sample bottles have been labeled, the groundwater sample will be collected by directly filling the laboratory-provided bottles from the pump discharge line prior to passing through the flow cell. All sample containers should be filled with minimum disturbance by allowing the water to flow down the inside of the bottle or vial. When collecting a volatile organic compound (VOC) sample, fill to the top to form a meniscus over the mouth of the vial prior to placing the cap to eliminate air bubbles. Be careful not to overflow preserved bottles/pre-cleaned Volatile Organic Analyte (VOA) vials.
- If sampling for filtered metals, collect these samples last and fit an in-line filter at the end of the discharge line. Take note of the flow direction arrow on the filter prior to fitting, invert filter to eliminate air bubbles, and allow minimum of 0.5 to 1 liter of groundwater to pass through the filter prior to collecting the sample.
- Sample labels will clearly identify the project name, sampler's initials, sample location and unique sample ID, analysis to be performed, date, and time. After collection, place samples a cooler maintained at a temperature of approximately 4 to 6 degrees Celsius (°C) using ice (if required). Complete the chain-of-Custody forms. Upon transfer of the samples to the laboratory, the Chain-of-Custody Form will be signed by the persons transferring custody of the sample containers to document change in possession.
- When sample collection is complete at a designated location, remove and properly dispose of the non-dedicated tubing. In most cases, this waste is considered solid waste and can be disposed of as refuse. Close and lock the well.

4.0 Decontamination

All reusable equipment that comes into contact with groundwater should be decontaminated using the processes described in this section prior to moving to the next sampling location.

Water Level Meter: The water level indicator and tape will be decontaminated between sampling locations and at the end the day by spraying the entire length of tape that came in contact with groundwater with an Alconox (or similar)/clean water solution followed by a thorough rinse with distilled or deionized water.

Water Quality Sensors and Flow-Through Cell: Distilled water or deionized water will be used to rinse the water quality sensors and flow-through cell. No other decontamination procedures are recommended since they are sensitive equipment. After the sampling event, the water quality meters will be cleaned and maintained according to the specific manual.

Submersible Pump (if applicable): Decontaminating the pump requires running the pump in three progressively cleaner grades of water.

1. Fill a bucket with approximately 4 gallons of an Alconox (or similar)/clean water solution to sufficiently cover the pump. Place the pump and the length of the power cord (if applicable) that was in contact with water into the bucket and run the pump for approximately two minutes or until the volume of water in the bucket has been exhausted.
2. Fill a second bucket containing approximately 4 gallons of clean water to sufficiently cover the pump. Place the pump and cord into this bucket and run the pump for approximately two minutes or until the volume of water in the bucket has been exhausted.
3. Fill a third bucket with approximately 4 gallons of distilled or deionized water to sufficiently cover the pump. Place the pump and cord into this bucket and run the pump for approximately two minutes or until the volume of water in the bucket has been exhausted.

The soap/water solution may be reused; however, rinse water should be collected for disposal as described in Section 5.0 below. When done for the day, dry the exterior of the pump and cord with clean towels to the extent practical prior to storage.

Bladder Pump: Clean the inside and outside of the pump body with an Alconox (or similar)/clean water solution, followed by a thorough rinse with distilled or deionized water. The outside of the air supply line that came in contact with groundwater may also be cleaned with Alconox (or similar) solution and re-used; bladders and water discharge lines must be replaced after each sample is collected.

5.0 Investigation-Derived Waste (IDW)

Unless otherwise specified in the project work plan, water generated during groundwater sampling activities will be contained, transported, disposed of in accordance with applicable laws, and stored in a designated area until transported off-site for disposal. This includes purge water and decontamination waste water.

The approach to handling and disposal of these materials for a typical cleanup site is as follows.

For IDW that is containerized, such as purge water, 55-gallon drums (or other smaller sized drums) approved by the Washington State Department of Transportation will be used for temporary storage pending profiling and disposal. Each container holding IDW will be sealed and labeled as to its contents (e.g., "purge water"), the dates on which the wastes were placed in the container, the owner's name and contact information for the field person who generated the waste, and the site name.

IDW containerized within drums will be characterized relative to applicable waste criteria using data from the sampling locations whenever possible. Material that is designated for off-site disposal will be transported to an off-site facility permitted to accept the waste. Manifests will be used, as appropriate for disposal. Refer to the FS Special Condition Standard Guideline for Investigation Derived Waste for additional information regarding proper profiling and disposal of wastewater generated by groundwater sampling.

Disposable sampling materials and incidental trash such as tubing, paper towels and gloves/other disposable used in sample processing will be placed in heavy-duty garbage bags or other appropriate containers and disposed of as trash in the municipal collection system unless otherwise specified in the SAP.

6.0 Field Documentation

Groundwater sampling activities will be documented in field sampling forms and/or field notebooks, and Chain-of-Custody Forms. Information recorded will, at a minimum, include personnel present (including subcontractors or client representatives), purpose of field event, weather conditions, sample collection date and times, sample analytes, depths to water, water quality parameters, well box/lid conditions, amount of purged water generated, and any deviations from the SAP. Photographs of damaged well casings or well boxes should be taken.

At the end of the day, complete and review the second page of the tailgate safety meeting form detailing additional hazards, corrective actions, near-misses or incidents. Any incidents that result in equipment damage or field staff injuries should be reported immediately to the PM.

7.0 Demobilization

Upon returning to the office, ensure that all equipment is property cleaned and put away in the field room. Equipment with rechargeable batteries should be plugged in as appropriate. It is

preferable to dispose of trash on-site, but any trash left in the field vehicle should be disposed as regular trash at Two Union Square.

If rented equipment or sample coolers will be placed at the front desk for pickup, clearly label each item with the company picking it up, anticipated pickup time frame, and your contact information so front desk staff can contact you if there are any questions. Notify front desk staff if any items require a signature at pickup.

Within one week of returning from the field, the field lead for the event should review field notes, sampling forms and tailgate safety meeting forms with the PM. Following PM review and approval, field notes will be scanned and saved to the project folder. Hard copies should be filed. The PM will provide copies of near miss and incident reports to the Safety Program Manager.

8.0 References

U.S. Environmental Protection Agency (USEPA). 1996. Low-Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, Revision 2. Region 1. July 30, 1996.

_____. 2002. Groundwater Sampling Guidelines for Superfund and CAR Project Managers. Office of Solid Waste and Emergency Response. EPA 542.S-02-001. May 2002.

Enclosures: Groundwater or Surface Water Sample Collection Form

Record of Revisions:

Revisions	Date
Added health and safety information, reviewed EPA guidance, and added revisions table.	12/9/2022

GROUNDWATER OR SURFACE WATER SAMPLE COLLECTION FORM

Project:_____ Date of Collection: _____

Task:_____ Field Personnel: _____

Purge Data

Well ID: _____ Secure: ☐ Yes ☐ No Ecology Tag #: _____ Casing Type/Diameter/Screened Interval _____

Replacement Required: ☐ Monument ☐ Lid ☐ Lock ☐ Bolts: Missing (#) _____ Stripped (#) _____ Other Damage: _____

Depth Sounder decontaminated Prior to Placement in Well: ☐ Yes ☐ No One Casing Volume (gal): _____

Depth of water (from TOC):_____Time: _____

Total Depth (from log or field measurement): _____

After 5 minutes of purging (from top of casing): _____

Begin purge (time): _____End purge (time): _____

Volume purged:_____ Purge water disposal method_____

Volume of Schedule 40 PVC Pipe

Diameter	O.D.	I.D.	Volume (Gal/Linear Ft.)	Weight of Water (Lbs/Lineal Ft.)
1 ¼"	1.660"	1.380"	0.08	0.64
2"	2.375"	2.067"	0.17	1.45
3"	3.500"	3.068"	0.38	3.2
4"	4.500"	4.026"	0.66	5.51
6"	6.625"	6.065"	1.5	12.5

Time	Depth to Water (ft)	Vol. Purged (_____)	pH (s.u.)	DO (mg/L)	Specific Conductivity (µs/cm)	Turbidity (NTU)	Temp (°C)	ORP (mV)	Comments

Sampling Data

Sample No: _____ Location and Depth: _____

Date Collected (mo/dy/yr):_____ Time Collected: _____ Weather:_____

Type: ☐ Ground Water ☐ Surface Water Other: _____ Sample: ☐ Filtered ☐ Unfiltered Filter Type:_____

Sample Collected with: ☐ Bailer ☐ Pump Other: _____ Type: ☐ Peristaltic ☐ Bladder ☐ Submersible Other: _____

Water Quality Instrument Data Collected with: Type: ☐ YSI ProDSS ☐ Tudbidity Meter ☐ Other: _____

Sample Decon Procedure: Sample collected with: ☐ decontaminated <u>all</u> tubing; ☐ disposable tubing ☐ dedicated silicon and poly tubing; ☐ dedicated tubing replaced

Sample Description (Color, Turbidity, Odor, Other): _____

Sample Analyses

Analyte	Analysis Method	Sample Container	Quantity	Preservative	Notes

QC samples

Duplicate Sample No: _____ Duplicate Time: _____ MS/MSD: ☐ Yes ☐ No

Signature: _____ **Date:** _____

Iron, Ferrous, Test Kit

IR-18C (2667200)

DOC326.97.00063

Test preparation

CAUTION: ⚠ Review the Safety Data Sheets (MSDS/SDS) for the chemicals that are used. Use the recommended personal protective equipment.

- Analyze samples immediately after collection.
- Put the color disc on the center pin in the color comparator box (numbers to the front).
- Use the indoor light color disc when the light source is fluorescent light. Use the outdoor light color disc when the light source is sunlight.
- Rinse the tubes with sample before the test. Rinse the tubes with deionized water after the test.
- If the color match is between two segments, use the value that is in the middle of the two segments.
- If the color disc becomes wet internally, pull apart the flat plastic sides to open the color disc. Remove the thin inner disc. Dry all parts with a soft cloth. Assemble when fully dry.
- Undissolved reagent does not have an effect on test accuracy.
- To verify the test accuracy, use a standard solution as the sample.
- This test kit measures ferrous iron. To determine ferric iron (Fe^{3+}), subtract the ferrous iron result from a total iron test.

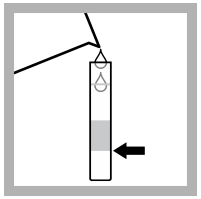
Replacement items

Description	Unit	Item no.
Ferrous Iron Reagent Powder Pillows	100/pkg	103769
Color disc, iron, indoor light, 0–7 mg/L	each	9261000
Color disc, iron, outdoor light, 0–7 mg/L	each	9263700
Color comparator box	each	173200
Plastic viewing tubes, 18 mm, with caps	4/pkg	4660004
Vial with 2, 5, 10, 15, 20 and 25-mL marks	each	219300

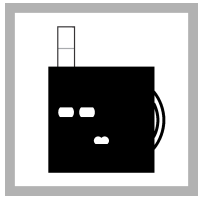
Optional items

Description	Unit	Item no.
Caps for plastic viewing tubes (4660004)	4/pkg	4660014
Glass viewing tubes, glass, 18 mm	6/pkg	173006
Stoppers for 18-mm glass tubes and AccuVac Ampuls	6/pkg	173106
Water, deionized	500 mL	27249

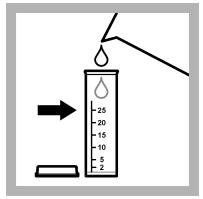
Test procedure—Iron, ferrous (0–7 mg/L Fe^{2+})



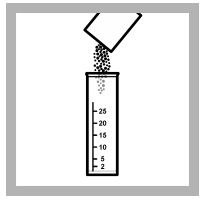
1. Fill a tube to the first line (5 mL) with sample.



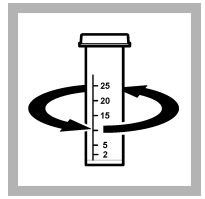
2. Put the tube into the left opening of the color comparator box.



3. Fill the vial to the 25-mL mark with sample.



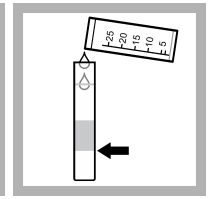
4. Add one Ferrous Iron Reagent Powder Pillow to the vial.



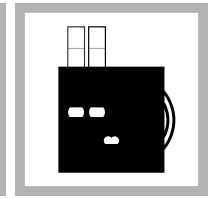
5. Swirl to mix. A orange color develops if ferrous iron is in the sample.



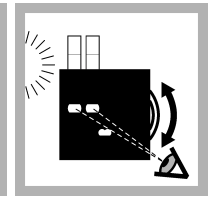
6. Wait 3 minutes.



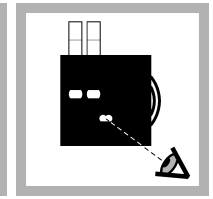
7. Fill a second tube to the first line (5 mL) with the prepared sample.



8. Put the second tube into the color comparator box.



9. Hold the color comparator box in front of a light source. Turn the color disc to find the color match.



10. Read the result in mg/L in the scale window.

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Time Oil Bulk Terminal

Groundwater Monitoring Plan

Attachment A.2
Monitoring Well Sampling and Analytical Schedule

Attachment A.2
Monitoring Well Sampling and Analytical Schedule

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Proposed Monitoring Frequency [1]	Proposed Monitoring Parameters: Indicator Hazardous Substances: Total Arsenic by USEPA 6020B	GRO by NWTPH-Gx	Total DRO+ORO by NWTPH-Dx	Benzene by USEPA 8260D	cVOCs [2] by USEPA 8260D	Penta by USEPA 8270D SIM	MNA Parameters [3]: Primary: Field Parameters	Secondary: Nitrate/ Nitrite/ Sulfate by USEPA 300.0	Sulfide by SM4500	Ferrous Iron by Color Disc or SM3500-FE-D	Dissolved Gases by RSK-175	Proposed Sampling Schedule: 2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1	2025 Q2	2025 Q3	2025 Q4	2026 Q1	2026 Q2	2026 Q3	2026 Q4
Bulk Terminal Parcel Wells																														
Wells designated for analytical sampling																														
01MW12	Shallow	4–19	Semiannual		X	X	X			X					IHS		IHS		IHS		IHS		IHS		IHS		IHS		IHS	
01MW19R	Shallow	10–20	Quarterly (2023-2024)/ Semiannual (2025-2026)		X	X	X			X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS		IHS		IHS		IHS	
01MW35	Shallow	10–20	Quarterly (2023-2024)/ Semiannual (2025-2026)		X	X	X			X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS		IHS		IHS		IHS	
01MW40	Shallow	7–22	Initial Semiannual		X	X	X			X					IHS		IHS	To be decommissioned												
01MW49R	Intermediate	35–40	Semiannual		X	X	X			X					IHS		IHS		IHS		IHS		IHS		IHS		IHS		IHS	
01MW51	Intermediate	29–39	Initial Baseline		X	X	X			X					IHS															
01MW66	Shallow	12–22	Annual						X	X					IHS				IHS				IHS				IHS			
01MW84	Shallow	17–23	Quarterly (2023-2024)/ Semiannual (2025-2026)		X	X	X			X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS		IHS		IHS		IHS	
01MW87	Shallow	11–21	Initial Baseline/Contingency		X	X	X			X					IHS															
01MW90R	Shallow	new (~5–15)	Redevelopment Semiannual		X	X	X			X									IHS		IHS		IHS		IHS		IHS		IHS	
Wells designated for contingency or water level monitoring only																														
01MW03	Shallow	10–25	--																											
01MW06	Shallow	10–25	--												To be decommissioned															
01MW08	Shallow	9–25	--												To be decommissioned															
01MW11R	Shallow	new (~10–20)	--																											
01MW17	Shallow	20–30	--																											
01MW30	Shallow	15–28	--																											
01MW34	Shallow	10–20	--																											
01MW36	Shallow	10–20	--																											
01MW47	Shallow	6–21	--																											
01MW48	Intermediate	28–32	--																											
01MW86	Shallow	14–24	Contingency		X	X	X			X																				
01MW88	Shallow	11–21	--												To be decommissioned															
01MW99	Shallow	20–30	--												To be decommissioned															
01MW100	Shallow	20–30	--												To be decommissioned															
01MW101	Shallow	17–21	--																											
01MW102	Shallow	10–20	--																											
01MW103	Shallow	7–17	--												To be decommissioned															
01MW104	Intermediate	28–33	--																											
01MW105	Shallow	5–15	Initial Contingency		X	X	X			X					To be decommissioned															
01MW109	Shallow	8–18	--												To be decommissioned															
01MW110	Shallow	11–21	--												To be decommissioned															
01MW111	Intermediate	30–35	--												To be decommissioned															

Attachment A.2
Monitoring Well Sampling and Analytical Schedule

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Proposed Monitoring Frequency [1]	Proposed Monitoring Parameters: Indicator Hazardous Substances: Total Arsenic by USEPA 6020B	GRO by NWTPH-Gx	Total DRO+ORO by NWTPH-Dx	Benzene by USEPA 8260D	cVOCs [2] by USEPA 8260D	Penta by USEPA 8270D SIM	MNA Parameters [3]: Primary: Field Parameters	Secondary: Nitrate/ Nitrite/ Sulfate by USEPA 300.0	Sulfide by SM4500	Ferrous Iron by Color Disc or SM3500-FE-D	Dissolved Gases by RSK-175	Proposed Sampling Schedule: 2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1	2025 Q2	2025 Q3	2025 Q4	2026 Q1	2026 Q2	2026 Q3	2026 Q4
ASKO Parcel Wells																														
Wells designated for analytical sampling																														
MW03R	Perched	13–18	Semiannual	X	X	X	X	X		X					IHS		IHS		IHS		IHS		IHS		IHS		IHS		IHS	
MW05	Shallow	19–29	Initial Semiannual				X	X		X	X	X	X		IHS MNA		IHS MNA	To be decommissioned												
MW06	Shallow	18–28	Initial Baseline/ Contingency/ Redevelopment Semiannual				X	X		X	X	X	X		IHS MNA				IHS		IHS		IHS		IHS		IHS		IHS	
01MW15	Shallow	10–30	Initial Semiannual					X		X					IHS		IHS	To be decommissioned												
01MW45R	Shallow	new (~12–27)	Redevelopment Semiannual		X	X	X	X		X									IHS		IHS		IHS		IHS		IHS		IHS	
01MW46	Shallow	13–28	Initial Quarterly				X	X		X	X	X	X		IHS MNA	IHS	IHS MNA	To be decommissioned												
01MW53	Shallow	16–26	Quarterly (2023-2024)/ Semiannual (2025-2026)					X		X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS		IHS		IHS		IHS	
01MW56	Shallow	16–26	Semiannual					X		X	X	X	X		IHS MNA		IHS MNA		IHS		IHS		IHS		IHS		IHS		IHS	
01MW58R	Shallow	new (~25–35)	Redevelopment Quarterly (2023-2024)/ Semiannual (2025-2026)					X		X								IHS MNA	IHS	IHS	IHS	IHS	IHS		IHS		IHS		IHS	
01MW60R	Shallow	new (~25–40)	Redevelopment Semiannual					X		X									IHS		IHS		IHS		IHS		IHS		IHS	
01MW85	Shallow	18–27	Quarterly (2023-2024)/ Semiannual (2025-2026)					X		X	X	X	X	X[3]	IHS MNA	IHS	IHS MNA	IHS	IHS	IHS	IHS	IHS	IHS		IHS		IHS		IHS	
01MW108	Intermediate	30–35	Initial Semiannual					X		X					IHS		IHS	To be decommissioned												
Wells designated for contingency or water level monitoring only																														
MW01	Shallow	18–28	--															To be decommissioned												
MW02	Shallow	18–28	Contingency					X		X																				
01MW46R	Shallow	new (~13–28)	Redevelopment Contingency				X	X		X																				
01MW52	Shallow	14–24	--															To be decommissioned												
01MW57	Intermediate	35.5–40.5	--															To be decommissioned												
01MW61	Shallow	22–37.5	--																											
01MW80	Shallow	20–28	Initial Contingency					X		X								To be decommissioned												
01MW89	Shallow	18–26	Contingency					X		X																				
01MW106	Shallow	15–25	--																											
01MW107	Shallow	17–27	Contingency					X		X																				
01MW112	Intermediate	new (~30–35)	Redevelopment Contingency					X		X																				
01MW113	Shallow	new (~12–27)	Redevelopment Contingency					X		X																				

Attachment A.2
Monitoring Well Sampling and Analytical Schedule

Well ID	Water-Bearing Zone	Screened Interval (feet below TOC)	Proposed Monitoring Frequency [1]	Proposed Monitoring Parameters: Indicator Hazardous Substances: Total Arsenic by USEPA 6020B	GRO by NWTPH-Gx	Total DRO+ORO by NWTPH-Dx	Benzene by USEPA 8260D	cVOCs [2] by USEPA 8260D	Penta by USEPA 8270D SIM	MNA Parameters [3]: Primary: Field Parameters	Secondary: Nitrate/ Nitrite/ Sulfate by USEPA 300.0	Sulfide by SM4500	Ferrous Iron by Color Disc or SM3500-FE-D	Dissolved Gases by RSK-175	Proposed Sampling Schedule: 2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1	2025 Q2	2025 Q3	2025 Q4	2026 Q1	2026 Q2	2026 Q3	2026 Q4
East Waterfront Parcel Wells																														
Wells designated for analytical sampling																														
02MW04R	Shallow	5–15	Quarterly (2023-2024)/ Annual (2025-2026)		X	X	X			X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS				IHS				IHS
02MW07	Shallow	1.5–11.5	Quarterly (2023-2024)/ Annual (2025-2026)	X	X	X	X			X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS				IHS				IHS
02MW17	Shallow	1–11	Contingency (2023-2024)/ Annual (2025-2026)	X	X	X	X			X																IHS				IHS
02MW19	Shallow	3–13	Quarterly (2023-2024)/ Annual (2025-2026)	X	X	X	X			X					IHS	IHS	IHS	IHS	IHS	IHS	IHS	IHS				IHS				IHS
02MW20R	Shallow	new (~1–11)	Redevelopment Contingency (2023-2024)/ Annual (2025-2026)	X	X	X	X			X																IHS				IHS
Wells designated for contingency or water level monitoring only																														
02MW01	Shallow	10–20	--																											
02MW03	Shallow	10–20	Contingency		X	X	X			X																					
02MW13	Shallow	5–15	--												To be decommissioned															
02MW14	Shallow	5–15	--																											
02MW16	Shallow	5–15	--																											
02MW18	Shallow	4–14	--																											
02MW21	Intermediate	18–28	--																											
02MW22	Intermediate	17–27	--																											
01MW83	Shallow	14–24	--																											

Notes:

Blank cells are intentional.

-- Not established.

Wells not designated for short-term monitoring are considered sentinels and may be sampled at the Property Owner's discretion or at Washington State Department of Ecology's request to obtain additional performance data, if needed. Water levels will be collected during each monitoring event, if accessible.

1 Wells designated for initial monitoring will be sampled until grading and utility installation for property redevelopment, which is expected to occur after the third quarterly sampling event in 2023. Wells designated for redevelopment monitoring will be installed and sampled after grading has been completed, which is anticipated to occur in late 2023 or early 2024.

2 cVOCs include TCE, cis-1,2-dichloroethene, and vinyl chloride

3 Primary MNA parameters are field measurements that will be collected during every event and include dissolved oxygen, oxidation-reduction potential, pH, specific conductance, and temperature. Secondary MNA parameters including anions (nitrate, nitrite, sulfate, and sulfide) and ferrous iron will be analyzed during Q1 and Q3 of Year 1 from select wells, and dissolved gases (methane, ethene, and ethane) will be analyzed at 01MW85 in Q1 of 2023. Secondary MNA parameters may be analyzed as needed after 2023 to assess remedy performance.

Abbreviations:

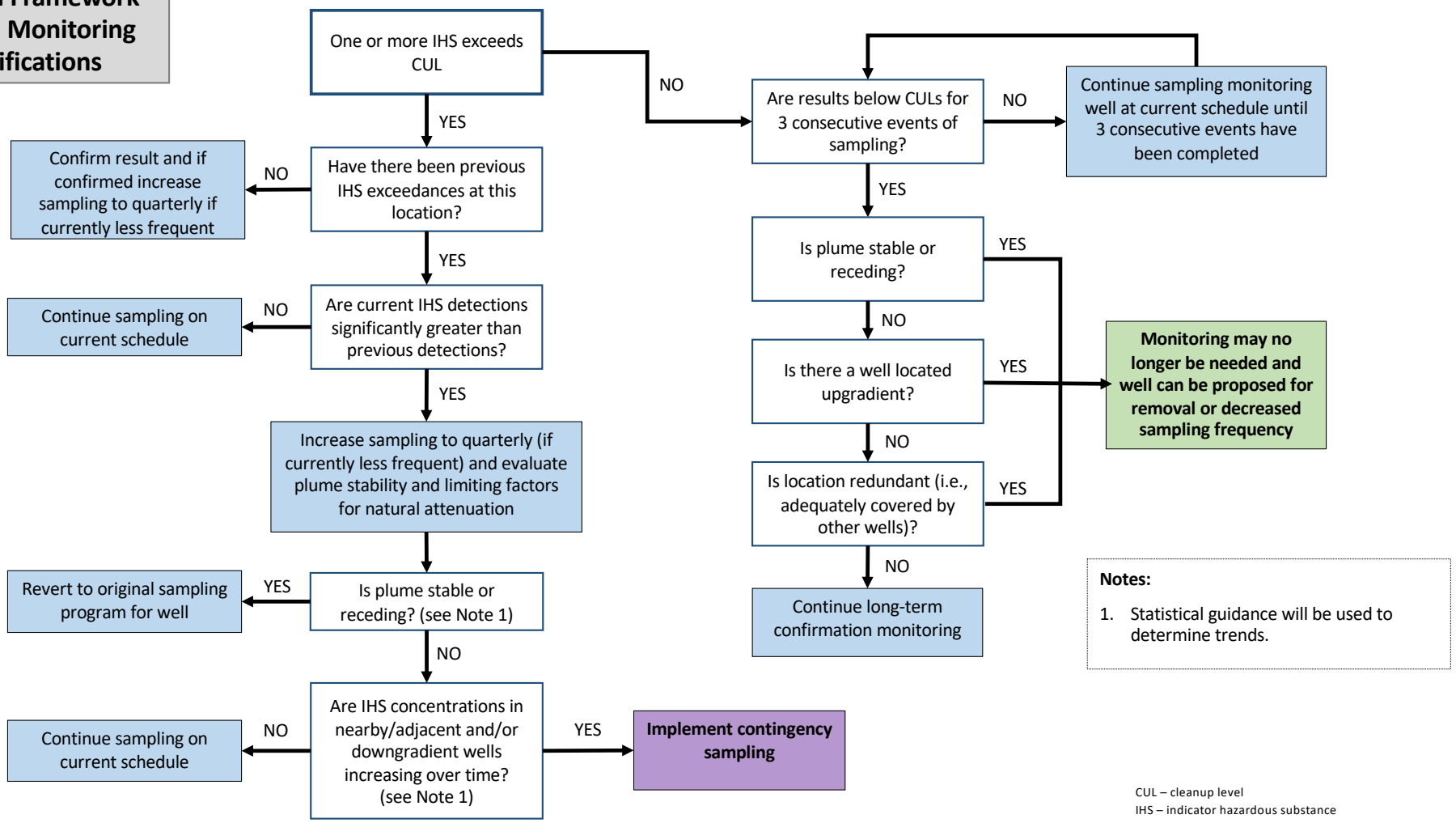
cVOC Chlorinated volatile organic compound
DRO Diesel-range organics
IHS Indicator hazardous substance
GRO Gasoline-range organics
MNA Monitored natural attenuation
ORO Oil-range organics
penta Pentachlorophenol
USEPA U.S. Environmental Protection Agency
TCE Trichloroethene
TOC Top of casing

Time Oil Bulk Terminal

Groundwater Monitoring Plan

Attachment A.3
Decision Framework for
Well Monitoring Modifications

Decision Framework for Well Monitoring Modifications



Notes:

1. Statistical guidance will be used to determine trends.

CUL – cleanup level
IHS – indicator hazardous substance

Appendix B

Soil and Remedial Elements Management Plan

APPENDIX B
SOIL AND REMEDIAL ELEMENT MANAGEMENT PLAN

Time Oil Bulk Terminal
Seattle, Washington

October 5, 2022

SOIL AND REMEDIAL ELEMENT MANAGEMENT PLAN

Time Oil Bulk Terminal
Seattle, Washington

October 5, 2022

PREPARED FOR:
TOC Seattle Terminal 1, LLC
2753 West 31st Street
Chicago, Illinois 60608

PREPARED BY:

CRETE
CONSULTING, INC.

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1 Introduction

This Soil and Remedial Elements Management Plan (SREMP) has been prepared in accordance with the requirements of the Cleanup Action Plan (CAP) for the Time Oil Bulk Terminal Site (Site) (Ecology 2020), and is an integral element of the Long-Term Compliance Monitoring Plan (LTCMP) (CRETE 2022a). The Property consists of four separate parcels (commonly identified as the Bulk Terminal parcel, ASKO Hydraulic parcel [ASKO parcel], East Waterfront parcel, and West Waterfront parcel) that were acquired by TOC Seattle Terminal 1, LLC (TOCST) in November 2020 under the terms of a Prospective Purchaser Consent Decree (PPCD) entered in King County Cause No. 20-2-15215-3 SEA (as amended). These four parcels are collectively termed the Property. This SREMP pertains to the former "Bulk Terminal" and "ASKO Hydraulic" parcels, which comprise the southern portion of the Site which includes the City of Seattle right of way, defined as the Upland Area of Concern (AOC) (Figure 1).

This SREMP has been prepared to satisfy requirements of the PPCD and was based on the requirements presented in the Cleanup Action Plan (CAP, Ecology 2021). This SREMP has been developed to include information collected during the design and implementation of the cleanup action conducted from July 19 through December 16, 2021, documented in the Remedial Action Completion Report (RACR; CRETE 2022).

In accordance with the CAP and as required by the PPCD, the initial phase of the Upland AOC cleanup involved "active" remediation of designated Cleanup Action Areas (CAAs) where contaminant concentrations exceeded remediation levels (RELs). As shown in Figure 2 and described in the RACR, this phase of the cleanup employed a range of remedial technologies and was completed in December 2021 (CRETE 2022b).

The second and final phase of the Upland AOC cleanup will include institutional controls (ICs) that will be completed in conjunction with the planned redevelopment of the site. Current and future use of the Upland AOC must comply with ICs established for the TOC cleanup**.** ICs are measures that restrict future site activities that could impact the integrity of the cleanup or increase the risk of exposure to hazardous substances. For the Upland AOC, these ICs are in the form of an "environmental covenant" and "property controls". The environmental covenant establishes certain restrictions on future property use, consistent with zoning requirements for the area, and requirements for maintaining the integrity of the cap. The redevelopment will serve to cap and isolate remaining contaminated soil that exceed the site cleanup levels (CULs). The conceptual draft development plan includes construction of commercial buildings and associated paving, parking, and landscape features which will be part of the ICs.

This SREMP is a property control that applies specifically to future ground-disturbing activities at the Upland AOC. This document uses the term 'site' in reference to the Upland AOC.

The purpose of this SREMP is to identify minimum requirements and guidance for the safe execution of future subsurface construction activities that may be performed by the property owner. It is anticipated that such activities could include, but not be limited to, ground disturbance from site redevelopment, maintenance and repair of underground utilities, installation of new utilities, grading completed during redevelopment, and modifications to future development features (buildings, paved areas, landscape features). As these activities could encounter contaminated soil beneath the Upland AOC cap, this SREMP provides protocols for protection of workers and the management of any contaminated soil that is disturbed during the work.

The SREMP will be periodically updated as necessary and re-submitted to Ecology for review and approval to ensure compliance with applicable regulatory requirements and continued protection of human health and the environment.

2 Description of Property Soil Conditions

2.1 Extent of Contaminated Soils

The soil conditions for the Upland AOC are described in detail in the Remedial Investigation/Feasibility Study (RI/FS; Floyd|Snider 2020) and summarized in the Cleanup Action Plan (CAP; Ecology 2020). The CAP identified indicator hazardous substances (IHSs) that pose the greatest risk to human health and the environment. IHSs identified in soil and groundwater included total petroleum hydrocarbons (TPH), gasoline-, diesel-, and oil- range organics (GRO, DRO, and ORO), arsenic, benzene, trichloroethene (TCE), vinyl chloride (VC), and pentachlorophenol (penta). The nature and extent of these IHSs formed the basis for selection, design and implementation of the cleanup action, which is detailed in the RACR (CRETE 2022).

Various active remedial technologies were implemented to address soil and groundwater contamination that exceeded the media- and area-specific CULs and RELs for the site (Tables 1 and 2, respectively). The remedial technologies were applied to the CAAs as shown conceptually in Figure 2. Soil remedial technologies included excavation and off-site disposal and in-situ solidification and stabilization (ISS) utilizing a cement/slag as a mixing amendment. Groundwater technologies included installation of a groundwater interceptor trench and permeable reactive barrier containing zero-valent iron, injection of a colloidal biomatrix mixed with sulfidated microscale zero-valent iron, and incorporation of an oxygen releasing amendment into backfill placed below the groundwater table.

The nature and extent of contamination remaining in the Upland AOC soils following remediation is presented in Attachment 1. As indicated, the remedial action successfully addressed all soil exceeding the RELs within the Upland AOC, with three exceptions discussed below. Figures B-1, B-1A, and B-1B in Attachment 1 show historical and recent soil sample locations relative to the Cleanup Action Areas and REL criteria. For additional information, Figures B-2 through B-14 in Attachment 1 show the pre-remedial action contaminant distribution and relative concentrations for individual constituents compared to the CULs, with the CAA footprints overlaid for context. A complete summary of IHS analytical results for soil samples remaining at the site is included in Attachment 1, Table B-1.

As indicated in Figure B-1, there are three sample locations (B330, B89, MW05) where REL exceedances remain for total DRO & ORO, gasoline-range organics, and TCE, respectively, and range in depth from 1 to 22.5 feet. If these soils are disturbed during future construction activities, they shall be properly managed and disposed of at an off-site disposal facility and not reused or commingled with any other site soils (See Section 3).

2.2 Physical Characteristics of Existing Soils

The physical characteristics of site soils following cleanup of the CAAs can be generally characterized as follows. Figure 2 illustrates the approximate CAA footprints and

remediation depths. Attachment 2 includes project as-builts from the cleanup action. Detailed information is presented in the RACR (backfill types, gradation, thickness, compaction results, chemical test results).

- CAA-1, -3, and -5: 5 to 10 ft of clean compacted granular backfill where excavation and offsite disposal was performed to achieve RELs

- CAA-2, -4: 6 to 12 inches of compacted granular backfill overlying 23 – 30 ft of dense cement-stabilized soil where ISS was performed to address soils exceeding RELs

- Swell Management Area (SMA): 1 to 6 ft of cement-stabilized soil placed in designated area for consolidation of excess "swell" material generated during ISS mixing operations

- Un-remediated Areas (outside CAAs and SMA): Includes undisturbed native soil and fill materials of varying physical/chemical characteristics, including soil that exceeds CULs (to be capped and isolated by site development features).

As presented in the RI/FS and CAP, CUL exceedances for certain IHSs are anticipated to remain with the Upland AOC/South Parcel soils indefinitely, including GRO, Total DRO+ORO, benzene, TCE, pentachlorophenol, and arsenic. Long-term compliance with the soil cleanup standards will be met in these areas through the capping features incorporated into the redevelopment design.

2.3 Soil Classification

This SREMP applies to construction activities in the Upland AOC that may require handling and management of soil with contamination and or disturbance to the environmental caps. Soil will be classified as follows:

1. **Type 1: Potentially Contaminated Soil –** Soil outside of CAAs and the SMA - Type 1 soil is undisturbed native soil and fill located in areas outside of active cleanup areas at the Upland AOC (CAA and SMA). Type 1 soil may exceed CULs and should be screened for evidence of IHSs during soil management, or, shall be treated as contaminated soil. Type 1 soils include soil that exceeds the RELs, shown on Figure 3. These soils shall be treated as contaminated.

2. **Type 2: Uncontaminated Soil –** Backfill soil placed after the completion of remedial actions, including import fill materials for development of the Upland AOC cap and to achieve final grades. Type 2 soil is not contaminated. Type 2 soil shall be managed and segregated from Type 1 soils to prevent potential cross-contamination. If Type 1 and 2 soils are intermixed, the combined volume should be considered contaminated and treated as Type 1, unless testing is completed to demonstrate otherwise.

Figure 2 illustrates the approximate CAA and SMA footprints and remediation depths and Figure 3 shows areas where REL exceedances remain at the Upland AOC following remediation. As noted previously, Attachment 1 contains figures and data showing areas where all known CUL exceedances remain in soil. Attachment 2 provides as-built survey information from the cleanup action. This information may be used for planning future site work that involve disturbance of the site cap and underlying soils. Note, the cleanup action as-built information does not show the final site development and capping grades, as site development planning and design is not yet finalized. Once complete, the final site grading plan along with final capping design details necessary for restoring any future breached areas so that isolation of underlying contamination is effectively maintained will be amended to this SREMP.

3 Soil Management Procedures for Future Subsurface Work

It is anticipated that future subsurface work may be required within the Upland AOC/South Parcel following redevelopment, to facilitate maintenance and repairs to underground utilities, installation of new utilities, buildings maintenance and modifications, landscaping improvements and other work. Because potentially contaminated soil will remain beneath the final redevelopment grades, future subsurface work must be executed in a manner that is protective of human health and the environment. To accommodate this requirement, the following sections provide protocols for the proper handling and disposal of excavated materials.

Depending on the Upland AOC soil disturbance activities, permitting may be required to complete work. Any applicable local, state or federal permits, including environmental permits, which may be required depending on the scope of work should be identified and obtained prior to the start of work. Any data submittals required for compliance with environmental permits will be provided to the respective agencies issuing such permits.

3.1 Prior to Implementing Work Activities

Prior to implementing any future site work that involves disturbance to the Upland AOC cap or underlying soils, the following planning activities shall be performed. These planning activities shall be performed by or under the direction of the TOCST Project Coordinator. This individual will also be responsible for documenting that the work is completed in accordance with site-specific agency agreements and applicable regulations, and ensuring that the Upland AOC cap is fully restored.

Project planning shall include, but not be limited to, the following elements:

3.1.1 Work Scope

Washington State Department of Ecology's designated Site Manager shall be notified at least 30 days prior to implementing any future site work that involves disturbance to the Upland AOC cap or underlying soils in all areas other than shallow landscaped areas (i.e., above the native, potentially contaminated soils). Ecology shall also be notified of any instances in which a site control measure fails, resulting in a release or new exposure pathway. Written notification will describe or include the following:

- The planned work scope and project area including the maximum physical extent of the work (horizontal and vertical limits) and the extent to which excavations will extend into un-remediated soil beneath the Upland AOC cap (e.g., potentially contaminated soil), accompanied by specific planning figures or conceptual schematics as needed to convey the details;

- How excavated or graded material from the project area will be managed, reused, or disposed of;
- Associated analytical reports for any required waste characterization testing performed for off-site soil disposal.
- If a site control measure failed, details on what occurred, extent of failure, and extent of releases/or exposure (if applicable);
- Plans for repairs of any breached areas of the cap; and
- Plans for management of any other generated wastes, such as water or debris.

Routine site maintenance, planting or weeding completed within the planted areas (planters or grass-paved areas) does not require Ecology notification as long as the work does not extend into potentially contaminated soils, identified on the cap details provided on the as-builts included in Attachment 2 (Note: Attachment 2 will be updated post site development to include planted areas).

Determine the maximum physical extent of the work (horizontal and vertical limits) and the extent to which excavations will extend into un-remediated soil beneath the Upland AOC cap (e.g., potentially contaminated soil). Document these conditions on project specific planning figures or conceptual schematics. Considering the following guidance, identify additional required planning steps based on the type of soils that will be encountered (e.g., Type 1, 2, or combined).

Soil Type Disturbed	Following Actions are Required
Type 1 soils (potentially contaminated soils)	Work will include the disturbance of contaminated soils. **Follow requirements for work in potentially contaminated soil (Section 3.1.2)**
Combination of Type 1 (potentially contaminated soils) and Type 2 (uncontaminated soils)	Based on existing available site data (see Attachment 1), assess the nature and extent of contaminants that may be encountered and estimate the associated removal volumes, delineating Type 1 soils from Type 2 soils. **Follow planning requirements for work in potentially contaminated soil (Section 3.1.2) AND planning requirements for work in non-contaminated soil (Section 3.1.3)**
Type 2 soils (uncontaminated soils)	Work will only include uncontaminated import backfill soil. Type 2 soils do not require special handling and can be treated as clean soils so long as they do not come in contact with Type 1 (potentially contaminated) soils. **Follow planning requirements for work in uncontaminated soil (Section 3.1.3)**

3.1.2 Planning for Work in Potentially Contaminated Soil

Type 1 soil may exceed CULs and should be screened for evidence of IHSs during soil management, and shall be treated as contaminated soil unless analytical data is collected to verify IHSs concentrations. Field screening may also include visual inspection for environmental contamination (such as debris, staining or free product) and photoionization detector (PID) readings for volatile organic compounds. Additional measures are required when working with Type 1 soils, which are summarized in this work element.

If Type 1 soil will be encountered (through removal or other activities that may result in direct contact with Type 1 soil), the expected IHSs for the area shall be reviewed and appropriately included in the contractor's site-specific health and safety plan. The Contractor's health and safety plan shall be completed in accordance with Section 4.

Identify stockpile locations for any Type 1 soil that is identified as possibly contaminated. Type 1 and Type 2 soil piles will be stored separately to prevent mixing of soils. Type 1 soils include soils that exceed RELs, shown on Figure 3. Any soils encountered during future site activities that are known to exceed RELs shall be segregated from any other site soils, shall

be characterized for appropriate waste disposal, shall be disposed of at an off-site disposal facility (according to its characterization), and shall not be reused on the site.

The location of these stockpiles will be determined based on field activities, and will take into consideration proximity to storm drains and site traffic. All stockpiling of soil will follow sediment erosion and control best management practices including runoff control and catch basin protection. Stockpiles will also be managed to minimize groundwater infiltration.

Work with Type 1 soils shall include additional measures outlined in Sections 3.2 and 3.3. below. Any disturbance to the Upland AOC cap shall be repaired and restored, per Section 5, and reporting requirements stated in Section 6 shall be completed.

3.1.3 Planning for Work in Uncontaminated Soil

Type 2 soils can be treated as clean soils and reused on the site with no special disposal handling requirements. Type 2 soils shall be segregated from Type 1 soils and all equipment that has come into contact with Type 1 soils shall be decontaminated prior to working with Type 2 soils. All caps that are disturbed shall be repaired, per Section 5, and reporting requirements stated in Section 6 shall be completed. No additional planning steps are required for work completely within Type 2 soils.

3.2 Execution of Work Activities

Contaminated soil (Type 1 soils) and groundwater handled during construction shall be managed in accordance with the following procedures:

1. Follow appropriate health and safety procedures. The work shall be performed by workers that are appropriately trained in accordance with Occupational Safety and Health Act (OSHA) standards for worker protection – see Section 4 for further requirements related to health and safety procedures. Suitable barricades, fencing, signage and other warning and safety devices will be established to limit access and protect the public and site workers from contaminated materials.
2. Construction best management practices (BMPs) must be implemented to minimize generation of dust throughout all handling of contaminated materials, in accordance with applicable state and local laws, regulations, ordinances and permits.
3. Soil removed from beneath the Upland AOC cap shall be segregated and temporarily placed in designated stockpile areas for management and testing (as appropriate), or placed directly into appropriate containers, such as a covered roll-off box.

    - Type 1 soil may be reused on site as long as it is placed beneath the cap and in areas of known contamination. Soils will only be reused if they meet physical criteria for reuse (physical criteria will be determined by the geotechnical engineer for the project). If contaminated material generated from one area of the site is planned for reuse at another contaminated area

of the site, then Ecology must approve that reuse during the project notification process (See Section 3.1). Documentation of soil reuse activities will be provided to Ecology in the Quarterly Progress Report.

- Type 1 soil that cannot be reused beneath the cap – either because of physical characteristics, IHS concentrations exceeding the remediation levels (RELs), insufficient on-site space, or otherwise not acceptable - shall be considered contaminated and disposed of at a permitted Subtitle D landfill in accordance with the Resource Conservation and Recovery Act.

  - Additional data may be required to characterize soil for disposal. Based on data collected to support the 2021 cleanup action, it is anticipated that testing may be required for GRO, Total DRO+ORO, benzene, TCE, and/or arsenic. Additional parameters may need to be analyzed to satisfy waste profile requirements from the disposal facility. Analytical testing methods, detection limits, and reporting limits shall be consistent with the methods utilized for the 2021 cleanup action (CRETE 2022), summarized in Tables 3 and 4.
  - If necessary, representative soil sample(s) may be collected for waste characterization purposes using a Geoprobe® drilling rig, excavator bucket, hand tools, or other appropriate methods. Soil samples will be analyzed by the appropriate IHSs from the area where soils were sampled using acceptable analytical methods.

4. All work shall comply with Washington Water Pollution Control Law (RCW 90.48; WAC 173-216, WAC 173-220) and the National Pollution Discharge Elimination System (CWA Part 402). All stormwater protection and stockpile BMPs shall comply with the most current version of the Stormwater Management Manual for Western Washington. Stockpile and stormwater best management practices shall include, at a minimum, the following:

   - Identify stockpile locations for temporary storage of soil material. The location of stockpiles may be determined based on field activities, and should take into consideration proximity to receptors (storm drains, site traffic, adjacent water bodies and ecological receptors).

   - All stockpiling shall be in accordance with applicable sediment erosion and control best management practices including runoff controls and catch basin protection.

   - Stockpiled soil shall be covered with weighted plastic sheeting or tarps at the end of each working day and during periods of precipitation. All coverings

shall comply with the most current version of the Stormwater Management Manual for Western Washington.

- Stockpiles shall be managed to prevent infiltration of runoff into the ground surface. Contaminated soil stockpiles shall be placed on a continuous plastic liner that extends under the entire stockpile area. All liners shall comply with the most current version of the Stormwater Management Manual for Western Washington.

- Stockpiles shall be constructed to prevent surface water that comes into contact with the soil from running out of the stockpile area. They shall also be constructed to prevent clean surface water from running onto the stockpile area. This may include construction of a continuous berm surrounding each stockpile or stockpile area that can sufficiently contain and control liquids within.

- Excavation activities shall be designed to prevent stormwater from entering open excavations and shall include contingency measures for dewatering excavations and water treatment, if required.

- Transport of soil between excavation and stockpile areas shall be performed in a manner that prevents spread of contamination. Any soil spillage or tracking by equipment shall be immediately collected for proper handling and disposal.

5. If import fill is used for backfilling operations, the fill material shall be obtained from an approved source and meet the physical requirements set forth in the project specifications. Chemistry testing is required for import material with fines and is required for analysis from every source proposed. Fines are defined as 1-inch and smaller. Only backfill with a 1-inch minus component is required to be tested and only the 1-inch minus component is required to be tested. Chemical testing analytes, reporting limits and methods are listed in Table 5. Analytical testing methods listed in Table 5 may be updated if they achieve the import criteria value. These values are based on the levels used in the Engineering Design Report (EDR) (CRETE 2021) approved by Ecology. Proposed revisions to the import criteria listed in Table 5 shall be approved by Ecology prior to receiving material on site.

6. For disposal, contaminated soil shall be managed in accordance with applicable state and federal regulations, as determined based on the soil profile sample results. This will include adherence to:

    - Transportation requirements, receiving pre-approval from a disposal facility, manifesting, record keeping, etc., as appropriate to the material.

- The disposal facility shall be a regulated licensed facility that is authorized to receive the waste material.

- Copies of all approved soil profiles from the disposal facility and weight tickets for each truckload of soil disposed shall be promptly obtained.

7. Subsurface activities have the potential for encountering buried pipes, conduits, barrels or other remnants from historical activities. If work activities encounter unforeseen environmental conditions (e.g., free product, drums, tanks, etc.), these conditions will be evaluated by on-site personnel, Ecology will be notified, and a plan will be developed for sampling the potential contamination, as appropriate, to properly characterize and manage the material in accordance with state and federal regulations.

3.3 Decontamination

3.3.1 Equipment

Any equipment working with contaminated soil shall be decontaminated prior to working with clean soil or leaving the designated work area. Decontamination shall be accomplished by removing dry soil by brushing, or pressure washing with water. All soil and water generated by this process shall be contained and managed as contaminated material.

Approved methods for containment of decontaminated soil and water are:

1. Positioning the portion of the equipment that contacted contaminated soil (such as an excavator bucket) over an area of contaminated soil, either in the excavation or in a truck, and brushing or rinsing that portion of the equipment so that the water and soil fall onto the contaminated soil below (this method applies primarily to heavy equipment).

2. Establishment of a decontamination area at the boundary between contaminated and uncontaminated soil. The boundary should consist of an area graded to drain into a water collection system with a minimum of two layers of 6-mil or greater continuous plastic sheeting (or equivalent), and plywood or equivalent hard surfaced material placed on equipment travel areas to prevent equipment from tearing the plastic sheeting; or

3. Pressure washing within equipment or a structure specifically designed to contain the washed materials and waters and operated to prevent inadvertent release of these materials.

3.3.2 Personnel

Personnel coming into contact with contaminated soil (Type 1 General Site Soils) and/or water shall be protected through the use of appropriate personal protective equipment

(PPE), in accordance with the contractor's health and safety plan. To prevent spreading of contaminated materials, personnel shall be decontaminated after walking on or working in contaminated soil and prior to working with uncontaminated materials or leaving the site.

Work is typically anticipated to occur in Level D PPE, which typically consists of long pants, steel-toed boots, hard hat, safety glasses, and gloves when necessary. For decontamination of this level of PPE, visible soil or waters shall be removed from PPE. This may be accomplished by brushing or washing in an equipment decontamination area, or establishment of a separate personnel wash station, including a plastic tub containing clean water and a boot brush in which the water is changed daily. Higher levels of PPE may be required depending on planned construction activities (e.g., welding or other services) as required by the Occupational Safety and Health Administration (OSHA) and or Washington State Labor and Industries (L&I).

3.3.3 **Water Management**

Water resulting from the work including dewatering and decontamination activities shall be containerized in labeled 55- gallon drums or other appropriate containers. Water samples will be collected and analyzed in accordance with the receiving disposal facility's profile sampling requirements. Water shall be handled in accordance with applicable state and federal regulations, based on the concentrations of contaminants detected. Decontamination water shall be disposed of at a licensed treatment facility.

4 Health and Safety Protocols

Construction activities that involve disturbance of subsurface contaminated soil shall be performed in accordance with a project specific health and safety plan (HASP) that considers the physical and chemical risks associated with the work. The HASP shall be prepared in accordance with all applicable regulations, including, but not limited to, the Occupational Safety and Health Act (OSHA), the National Institute for Occupational Safety and Health (NIOSH), the American Conference of Governmental Industrial Hygienists (ACGIH), and the United States Environmental Protection Agency (USEPA).

Workers involved in excavation and soil handling activities shall be trained and monitored in accordance with Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements, OSHA standard 29 CFR Part 1910.120 (OSHA 40-hour trained). The appropriate level of personnel training and equipment for personnel shall consider OSHA Section 1910.120(e)(3)(i) in making such a determination.

5 Environmental Cap Repairs

Environmental caps are present throughout the Upland AOC. There are numerous types and sections of environmental caps that were developed to integrate protection of human health and the environment with site development. Figure 14 from the EDR provides section details for several typical cap types. The final cap locations and details will be determined based on-site development. Once the final environmental caps are installed, they shall be appropriately maintained to limit access to potentially contaminated underlying soils. If any caps are disturbed in the future (e.g., utility repair, etc.), they shall be restored to pre-disturbed conditions. Notification to Ecology is required prior to cap disturbance (Section 3.1) and all repairs will be documented and provided to Ecology post completion (Section 6), which will include any post-repair testing that may be necessary to confirm the cap was restored to its pre-disturbance condition.

Attachment 2 provides as-built survey information from the cleanup action. This information may be used for planning future site work that involves disturbance of the Upland AOC cap. Note, the cleanup action as-built information does not show the final site development and capping grades, as site development planning and design is not yet finalized. Once complete, the final site grading plan, and as-built cap details, will be amended to this SREMP.

6 Reporting Requirements

To maintain compliance with the SREMP reporting requirements, the following documentation shall be prepared for any ground-disturbing work that may impact the Upland AOC cap. This information will be provided to Ecology in the Quarterly Progress Report.

- A summary of intrusive work completed.
- A summary of any repairs made to maintain integrity of the cap.
- If soil (including subsurface debris) were disposed of off-site, provide waste manifests, and disposal documentation from approved disposal facility.
- If wastewater (i.e, contaminated stormwater or groundwater, or rinse water from equipment decontamination) was collected and disposed of/or discharged off-site, provide waste manifests and disposal documentation from approved disposal facility or discharge authorization and documentation.
- Copy of all laboratory reports.
- Copy of any testing data collected.
- Figures showing location and details of intrusive work or repairs.
- Other pertinent details, as needed.

7 Inspection and Maintenance of Remedial Elements

To ensure that the cleanup action remains protective over time, routine inspection and maintenance of the Upland AOC cap shall be performed, as needed, by the Upland AOC/South Parcel property owner(s). The property will be developed and cap features such as parking, landscape areas, building footprints and sidewalks will be professionally maintained by the owner as required by local City of Seattle building codes. That anticipated inspection schedule is provided below; note that the schedule is subject to change once the details of the environmental covenant have been established. Inspection shall be completed as follows:

- 2 years after final site development is completed,
- During the 5-year reporting time frame following site development, and/or
- Following significant seismic events, which are generally considered earthquakes greater than 6.0 magnitude for the Seattle area (City of Seattle, 2014).

Site groundwater monitoring wells will be inspected and maintained as outlined in the Groundwater Monitoring Plan. The Groundwater Monitoring Plan also includes inspection and maintenance procedures for the gravity well and the interceptor trench/PRB, which are also components of the remedial action.

Based on the potential receptors to the Site, and the relatively stable condition of the Site, inspections will be performed for the next 30 years as outlined below:

Site Inspection Frequency
***Note this assumes Site Development is completed by December 2025**

Inspection Year	Number of Years Following Site Development	Inspection Date Deadline	Inspection Reported to Ecology in the LTCMP Annual Report
2027	2	12/1/2027	3/1/2028
2030	5	12/1/2030	3/1/2031
2035	10	12/1/2035	3/1/2036
2040	15	12/1/2040	3/1/2041
2045	20	12/1/2045	3/1/2046

Results of inspections shall be provided in the annual LTCMP report prepared following an inspection. The purpose of the inspections is to monitor the overall integrity of the Upland

AOC cap features (e.g., building slabs, pavement, structural fill, landscape features). As the primary function of the cap is to prevent direct human contact with potentially contaminated underlying soils, inspections will focus on identifying features that have been sufficiently altered so as to compromise its ability to provide this function. These inspections are intended to address site alterations that may occur as a result of soil erosion, building damage, or other ground-disturbing activities.

The inspections shall be carried out by the property owner or a designated representative who is familiar with the capping feature elements and design details. The inspection shall include a visual survey, noting any deviations from the original redevelopment grades and/or surface conditions (e.g., settlement, surface cracking, pavement degradation, erosion). Where alterations are observed, the inspection report shall include proposed methods to address alterations if appropriate. An example inspection sheet is included in Attachment 3.

8 References

CRETE 2022a. Long-Term Compliance Monitoring Plan. Prepared by CRETE Consulting, LLC, March 16, 2022.

CRETE 2022b. Remedial Action Completion Report. Prepared by CRETE Consulting, LLC, August 8, 2022.

CRETE 2021. Engineering Design Report. Prepared by CRETE Consulting, LLC, June 28, 2021.

Ecology 2020. Cleanup Action Plan. Prepared by Washington State Department of Ecology, September 25, 2020.

Floyd|Snider 2019. Supplemental Remedial Investigation and Feasibility Study. Prepared by Floyd|Snider, September 25, 2020.

Tables

Table 1: Summary of Cleanup Standards for Indicator Hazardous Substances -Soil and Groundwater[1]

Indicator Hazardous Substance	Value	Unit	Basis	Point of Compliance
Groundwater				
Arsenic	5	µg/L	Statewide natural background	Conditional—At W. Commodore Way
GRO	800	µg/L	Protection of drinking water	
Total DRO+ORO	500	µg/L	Protection of drinking water	
Benzene	0.44	µg/L	Protection of surface water	
TCE	0.5	µg/L	Protection of surface water (PQL-based)	
Vinyl Chloride	0.2	µg/L	Protection of surface water (PQL-based)	
Penta	0.2	µg/L	Protection of surface water (PQL-based)	
Soil				
Arsenic	7.3	mg/kg	Statewide natural background	Regulatory Determination
GRO	30	mg/kg	Protection of terrestrial species	
DRO	570	mg/kg	Protection of terrestrial species	
ORO	1,600	mg/kg	Protection of terrestrial species	
Total DRO+ORO	2,000	mg/kg	Protection of drinking water	
Benzene	0.02	mg/kg	Protection of surface water (PQL-based)	
TCE	0.02	mg/kg	Protection of surface water (PQL-based)	
Penta	0.05	mg/kg	Protection of surface water (PQL-based)	

Notes:
µg/L Micrograms per liter
mg/kg Milligrams per kilogram
ORO - Oil-range organics
MTCA - Model Toxics Control Act
Penta – Pentachlorophenol
GRO - Gasoline-range organics
DRO - Diesel-range organics
TCE - Trichloroethene
[1]This table was presented in the CAP as Table 3-1 (Ecology 2020)

Table 2: Summary of Remediation Levels[1]

Indicator Hazardous Substance	Upland AOC Soil Remediation Level	Units	Point of Compliance
GRO	5,000	mg/kg	Upland AOC
Total DRO+ORO	12,000	mg/kg	
Benzene	GRO compliance with soil REL		
TCE	1	mg/kg	
LNAPL	No visual LNAPL		

Notes:

mg/kg Milligrams per kilogram
AOC – Area of Concern
DRO - Diesel-range organics
GRO - Gasoline-range organics
LNAPL – Light non-aqueous-phase liquid
ORO - Oil-range organics
TCE – Trichloroethene
REL – Remediation Level

[1]This table was presented in the CAP as Table 3-2 (Ecology 2020a)

Table 3 Soil Sample Analytes and Container Requirements

Analyte	Preparation Method	Analytical Method	Method Reporting Limit	Holding Time	Sample Container/Preservation
Arsenic (mg/kg)	3050	EPA 6020	0.3 to 5	6 months	4-ounce glass/None, cool to <6 °C
Benzene (mg/kg)	5035	EPA 8021	0.02	48 hours to freeze; 14 days to analysis	Four pre-weighed 40-ml VOA vials** / None, cool to <6 °C for up to 48 hours
Diesel Range Organics (mg/kg)	3550	NWTPH-Dx	5	14 days to extract; 40 days to analysis	4-ounce glass/None, cool to <6 °C
Oil Range Organics (mg/kg)	3550	NWTPH-Dx	5	14 days to extract; 40 days to analysis	4-ounce glass/None, cool to <6 °C
Gasoline Range Organics (mg/kg)	5035A	NWTPH-G	5	14 days	Four pre-weighed 40-ml VOA vials* / None, cool to <6 °C for up to 48 hours
TCE (mg/kg)	5035A	EPA 8260D	0.001	48 hours to freeze; 14 days to analysis	Four 40-ml VOA vials/ / None, cool to <6 °C for up to 48 hours

Notes:

*May be combined with other 5035 preparation methods

Note 1. The most appropriate laboratory method will be utilized at the time of the sampling, and if different than the methods listed above, Ecology will be contacted for concurrence and approval.

Table 4 Measurement Quality Objectives

Parameter	Precision[1]	Accuracy	Completeness
Metals (arsenic)	20% RPD	70-130%	90%
Petroleum Hydrocarbons	30% RPD		
VOCs (Benzene and TCE)	30% RPD		

Notes: [1] Precision criteria apply to analytical precision only. Field duplicate precision will be screened against an RPD of 75%.
RPD = relative percent difference

Table 5 Import Backfill 1-inch Minus Testing Criteria

Analyte	Unit	Analyte Method	Reporting Limit	Criteria
PCB Aroclors	ug/kg dw	EPA 8082	4	ND
Semi-volatile organic compounds (SVOCs)	ug/kg dw	EPA 8270	20 See Note A	ND
Arsenic	mg/kg dw	EPA 6010	5	7.3
Cadmium	mg/kg dw	EPA 6010	0.2	0.77
Chromium	mg/kg dw	EPA 6010	0.5	48
Copper	mg/kg dw	EPA 6010	0.2	36
Lead	mg/kg dw	EPA 6010	2	21
Silver	mg/kg dw	EPA 6010	0.1	ND
Zinc	mg/kg dw	EPA 6010	1	85
Mercury	mg/kg dw	EPA 7471	0.02	0.07
Diesel range hydrocarbons	mg/kg dw	NWTPH-Dx	5	ND
Lube oil range hydrocarbons	mg/kg dw	NWTPH-Dx	10	ND
cPAH TEQ mg/kg dw (See Note B)	mg/kg dw	EPA 8270	0.007	ND

mg/kg dw = milligrams per kilogram dry weight
ug/kg dw = micrograms per kilogram dry weight
ND = Not detected at reporting limit

Note A: Most SVOCs, such as PAHs, have reporting limits of 20 ug/kg dw. Some SVOCs have higher reporting limits: 2,4-Dimethyphenol and 4-Methylphenol = 35 ug/kg dw; Benzoic Acid = 400 ug/kg dw; Bis(2-ethylhexyl)phthalate = 30 ug/kg dw; Hexachlorobutadiene = 90 ug/kg dw; Diethylphthalate = 50 ug/kg dw; and Pentachlorophenol = 200 ug/kg dw.

Note B: TEQ = Toxicity equivalent defined in WAC 173-340-900

Figures

Legend

- Property Boundary
- Adjacent Parcel Boundary

LOCKHAVEN MARINA MOORAGE-DNR LEASE
PARCEL ID: 1125039108

DNR AQUATIC WATERWAY USE
PARCEL ID: 1125039113

Salmon Bay

LOCKHAVEN APARTMENTS AND MARINA
PARCEL ID: 1125039047

31st Ave W

EAST WATERFRONT
PARCEL ID: 1125039120

WAREHOUSE
PARCEL ID: 4237900410

WEST WATERFRONT
PARCEL ID: 1125039081

MARTIME INDUSTRIAL CENTER
PARCEL ID: 1125039068

BNSF
PARCEL ID: 4237900240

WAREHOUSE
PARCEL ID: 4237900300

W. Commodore Way

27th Ave W

CSR BOATYARD
PARCEL ID: 2771605265

ASKO HYDRAULIC
PARCEL ID: 4237900405

BNSF
PARCEL ID: 4237900240

BNSF Railroad

BULK TERMINAL
PARCEL ID: 1125039050

WAREHOUSE
PARCEL ID: 2771605365

27th Ave W

WAREHOUSE
PARCEL ID: 2770606119

26th Ave W

W. Government Way

W. Fort St

BNSF
PARCEL ID: 7010701210

BNSF
PARCEL ID: 2770605900

Notes:
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviation:
DNR = Washington State Department of Natural Resources

0 75 150 300
Scale in Feet

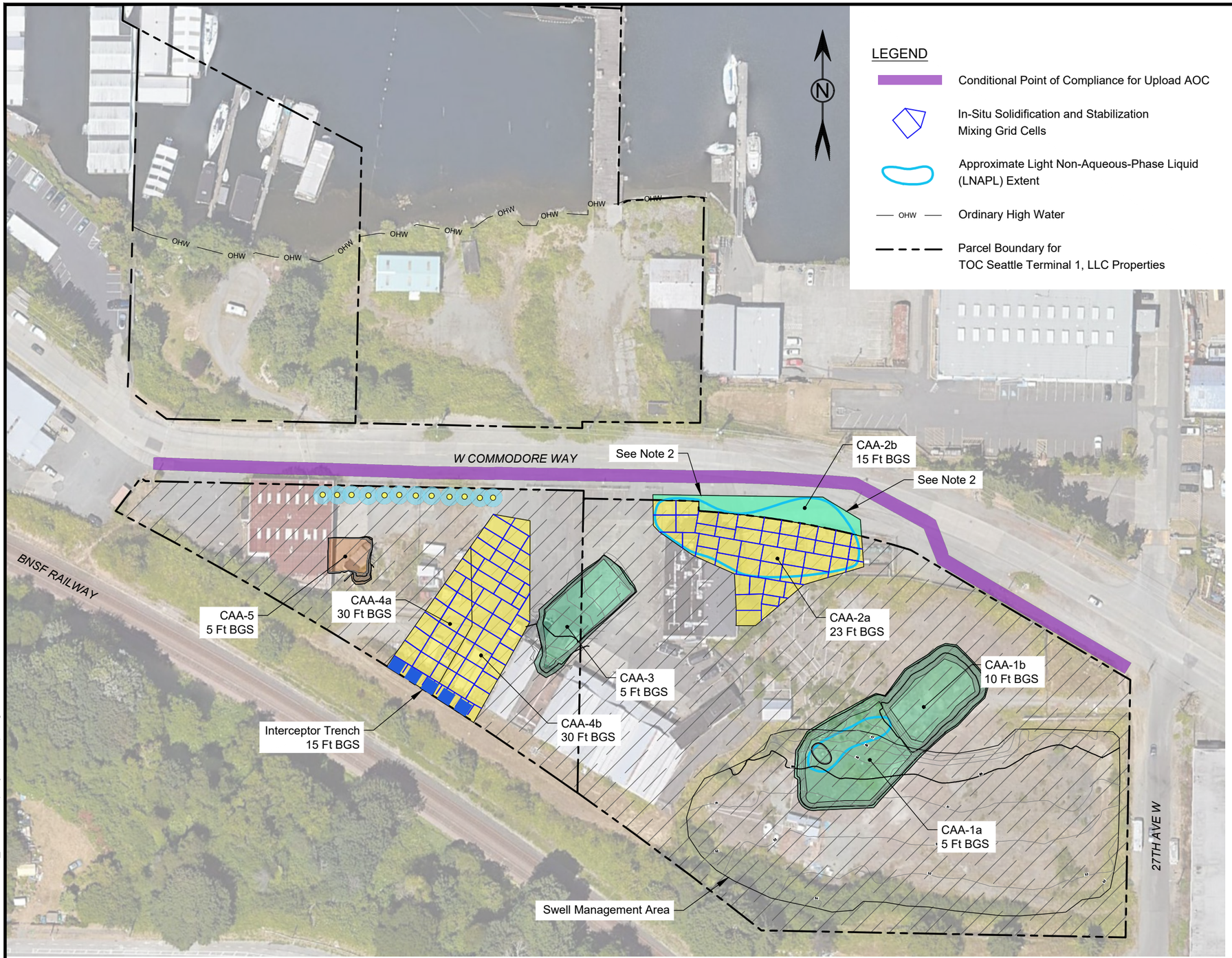
N

CRETE CONSULTING, INC.

Time Oil Bulk Terminal - Seattle, Washington

Figure 1
Property Map

File: D:_Projects\Crete\Time Oil Seattle\Time Oil_EDR Fig Prop Map.dwg Date: February 11, 2021



LEGEND

- Conditional Point of Compliance for Upload AOC
- In-Situ Solidification and Stabilization Mixing Grid Cells
- Approximate Light Non-Aqueous-Phase Liquid (LNAPL) Extent
- OHW — Ordinary High Water
- Parcel Boundary for TOC Seattle Terminal 1, LLC Properties

SELECTED REMEDIAL ALTERNATIVE

- Capping With Pavement Or Buildings Upland Area Of Concern (AOC)
- Excavation to Cleanup Level (CUL)
- Excavation to Remediation Level (REL)
- In-Situ Stabilization / Solidification
- In-Situ Groundwater Treatment (See Note 1)
- Interceptor Trench

NOTES

1. In-Situ groundwater treatment included enhanced reductive dechlorination of the TCE and vinyl chloride groundwater plume using a trademark colloidal biomatrix and sulfidated micro zero-valent iron mixture (PlumeStop and S-MicroZVI) to create a passive treatment zone of chemical reduction and bioremediation in the Shallow WBZ and the addition of an enriched natural microbial consortium (BDI Plus) to stimulate rapid dechlorination of TCE.
2. ORC advanced pellets (dry amendments) were added during backfilling activities in the northeast and the northwest corners. ORC advanced pellets were spread by hand evenly across the application area both horizontally and vertically within the saturated zone during backfilling.
3. Parcel boundaries obtained from King County GIS Center, 2011. Lot lines are approximate. Not for legal use.

ABBREVIATIONS

AOC	=	Area of Concern
CAA	=	Cleanup Action Area
Ft BGS	=	Feet Below Ground Surface
OHW	=	Ordinary High Water Mark

0 100 200

SCALE IN FEET

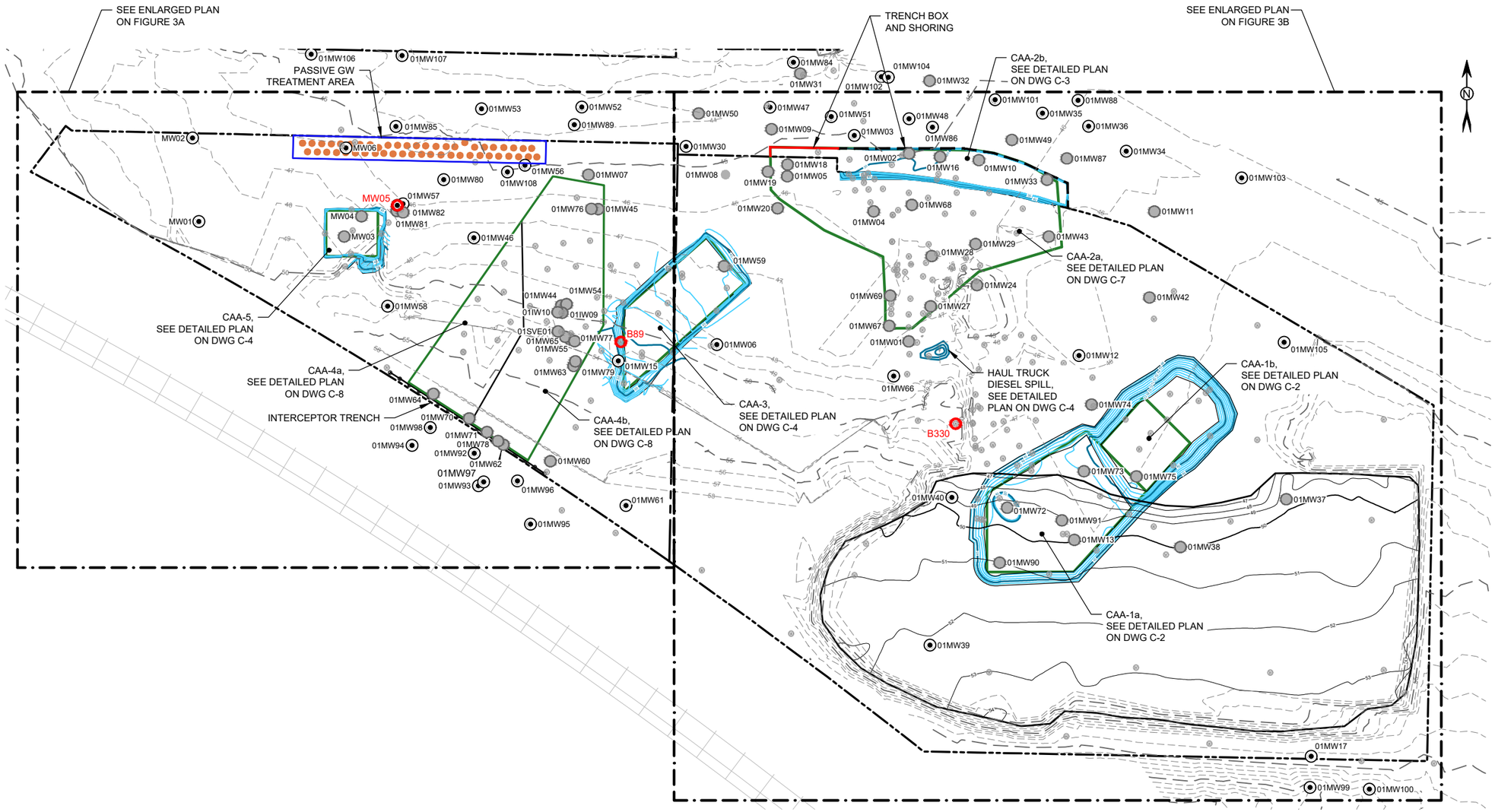
CRETE CONSULTING, INC.

Time Oil Bulk Terminal - Seattle, Washington

Figure 2
Property Cleanup Summary

File: D:_Projects\Crete\Time Oil Seattle\Time Oil_As-Built Property Cleanup.dwg Date: March 8, 2022

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
SOIL	B330	1256231.072	245398.2354	49.45	1	1	5/21/2014	TOTAL DRO & ORO	2000	12000	14000	mg/kg
SOIL	B89	1255998.642	245455.1037	37.41	13	13	12/29/2008	GASOLINE-RANGE ORGANICS	30	5000	9700	mg/kg
SOIL	MW05	1255843.430	245549.8824	45.82	22.5	22.5	4/19/2006	TRICHLOROETHENE	0.02	1	5.4000	mg/kg



LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION (SEE NOTE 1)
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

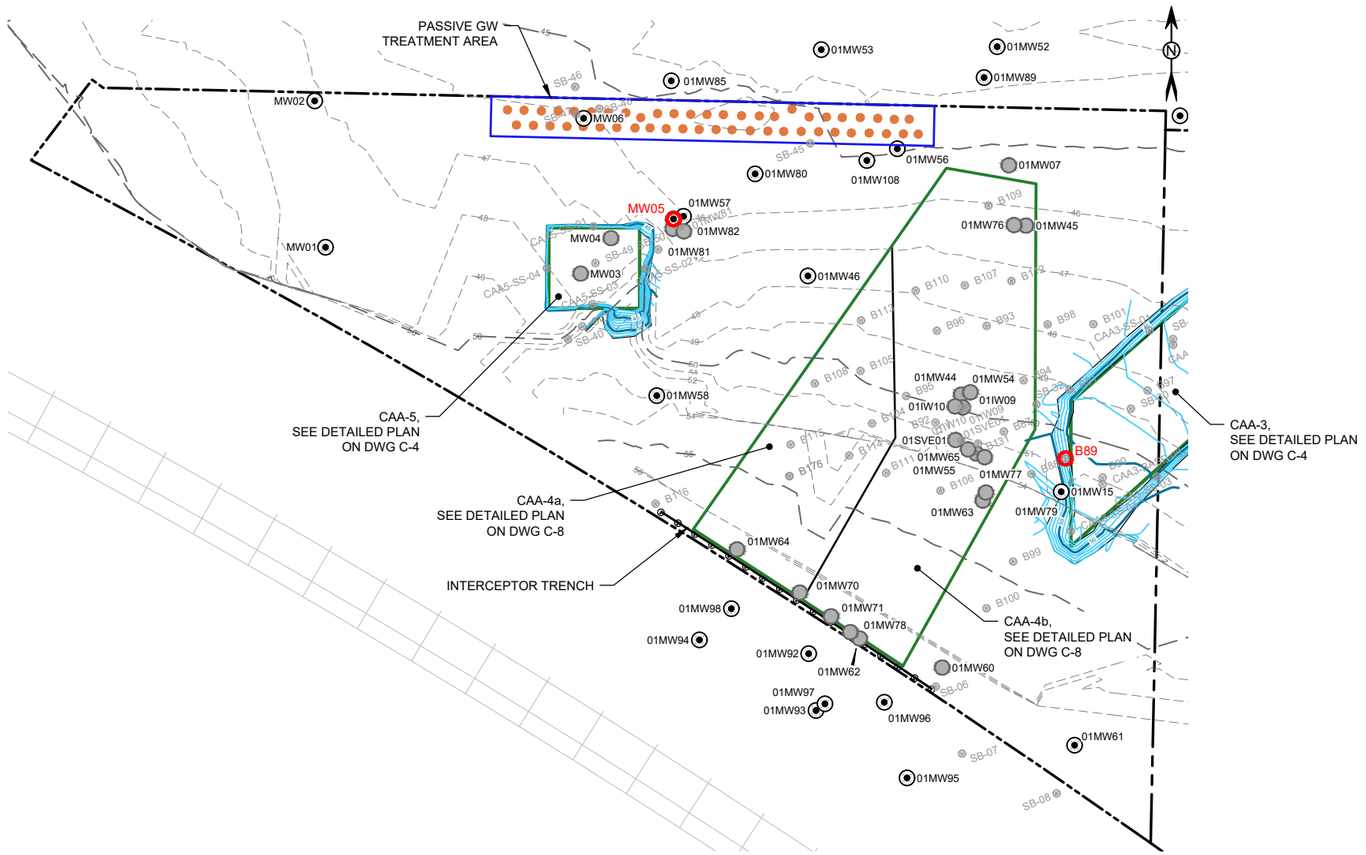
NOTE 1: REFER TO ENLARGED PLANS ON FIGURES 3A & 3B FOR SAMPLE IDENTIFICATION LABELS.

40' 0' 40' 80'

SCALE BAR

Figure 3
Extent of Soils With Remediation Level Exceedances - Upland AOC

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
SOIL	B330	1256231.072	245398.2354	49.45	1	1	5/21/2014	TOTAL DRO & ORO	2000	12000	14000	mg/kg
SOIL	B89	1255998.642	245455.1037	37.41	13	13	12/29/2008	GASOLINE-RANGE ORGANICS	30	5000	9700	mg/kg
SOIL	MW05	1255843.430	245549.8824	45.82	22.5	22.5	4/19/2006	TRICHLOROETHENE	0.02	1	5.4000	mg/kg



LEGEND

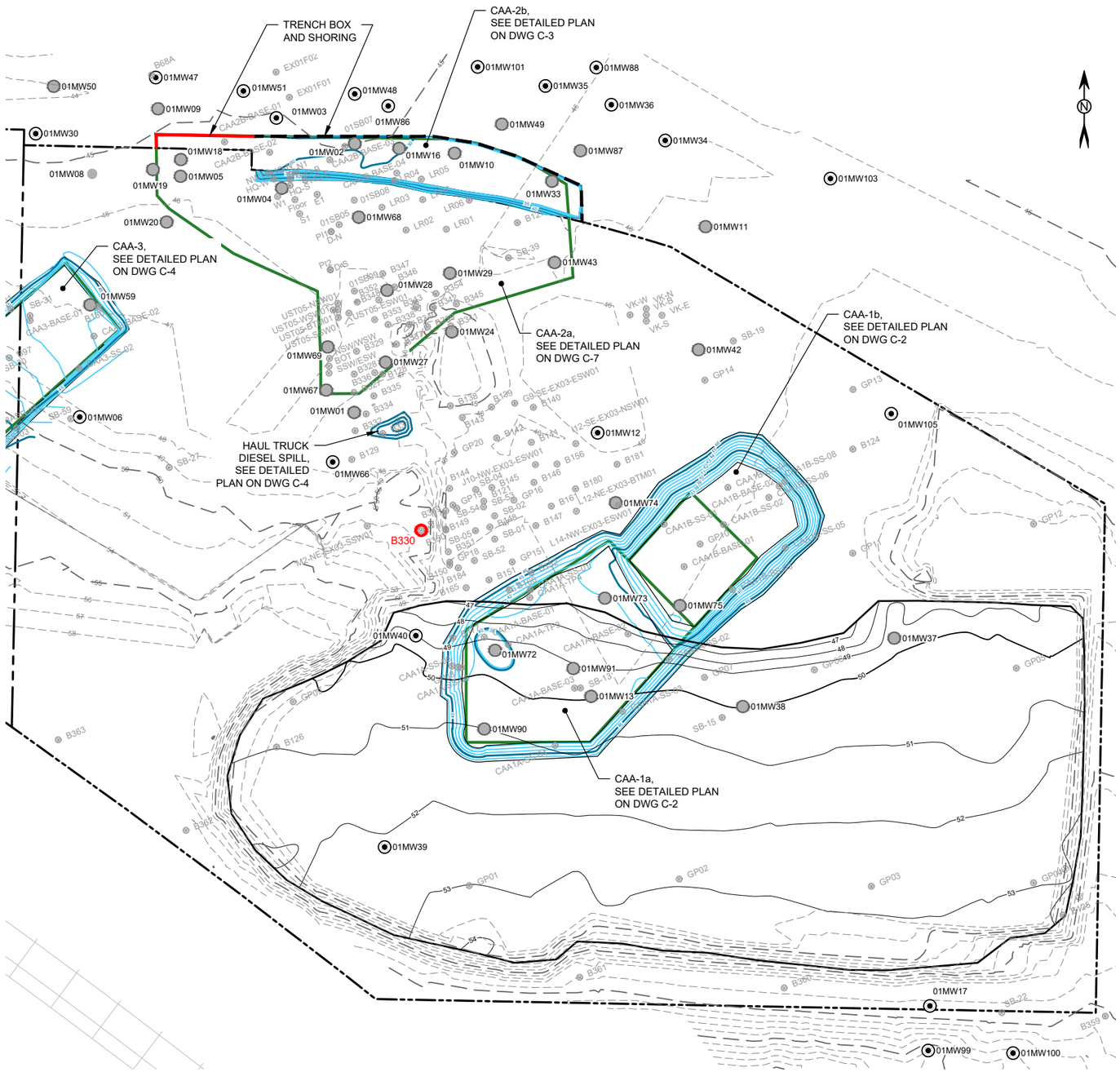
- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

30' 0' 30' 60'

SCALE BAR

Figure 3A
Extent of Soils With Remediation Level Exceedances - ASKO

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
SOIL	B330	1256231.072	245398.2354	49.45	1	1	5/21/2014	TOTAL DRO & ORO	2000	12000	14000	mg/kg
SOIL	B89	1255998.642	245455.1037	37.41	13	13	12/29/2008	GASOLINE-RANGE ORGANICS	30	5000	9700	mg/kg
SOIL	MW05	1255843.430	245549.8824	45.82	22.5	22.5	4/19/2006	TRICHLOROETHENE	0.02	1	5.4000	mg/kg



LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

30' 0' 30' 60'

SCALE BAR

Figure 3B
Extent of Soils With Remediation Level Exceedances - Bulk Terminal

Attachment 1

Extent of Contaminated Soils

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
SOIL	B330	1256231.072	245398.2354	49.45	1	1	5/21/2014	TOTAL DRO & ORO	2000	12000	14000	mg/kg
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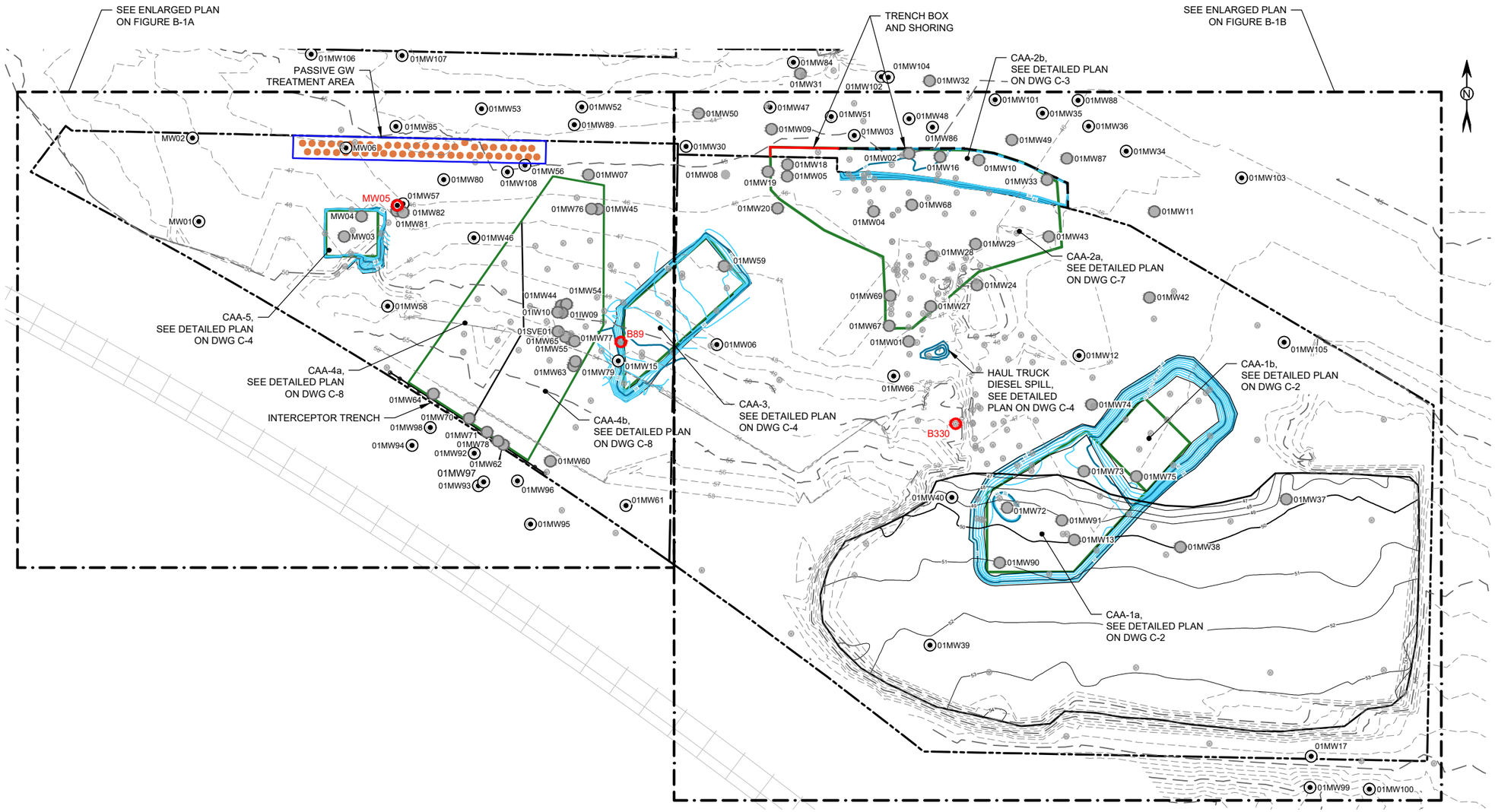

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION (SEE NOTE 1)
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTE 1: REFER TO ENLARGED PLANS ON FIGURES B-1A & B-1B FOR SAMPLE IDENTIFICATION LABELS.

Figure B-1
Extent of Soils With Remediation Level Exceedances - Upland AOC

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
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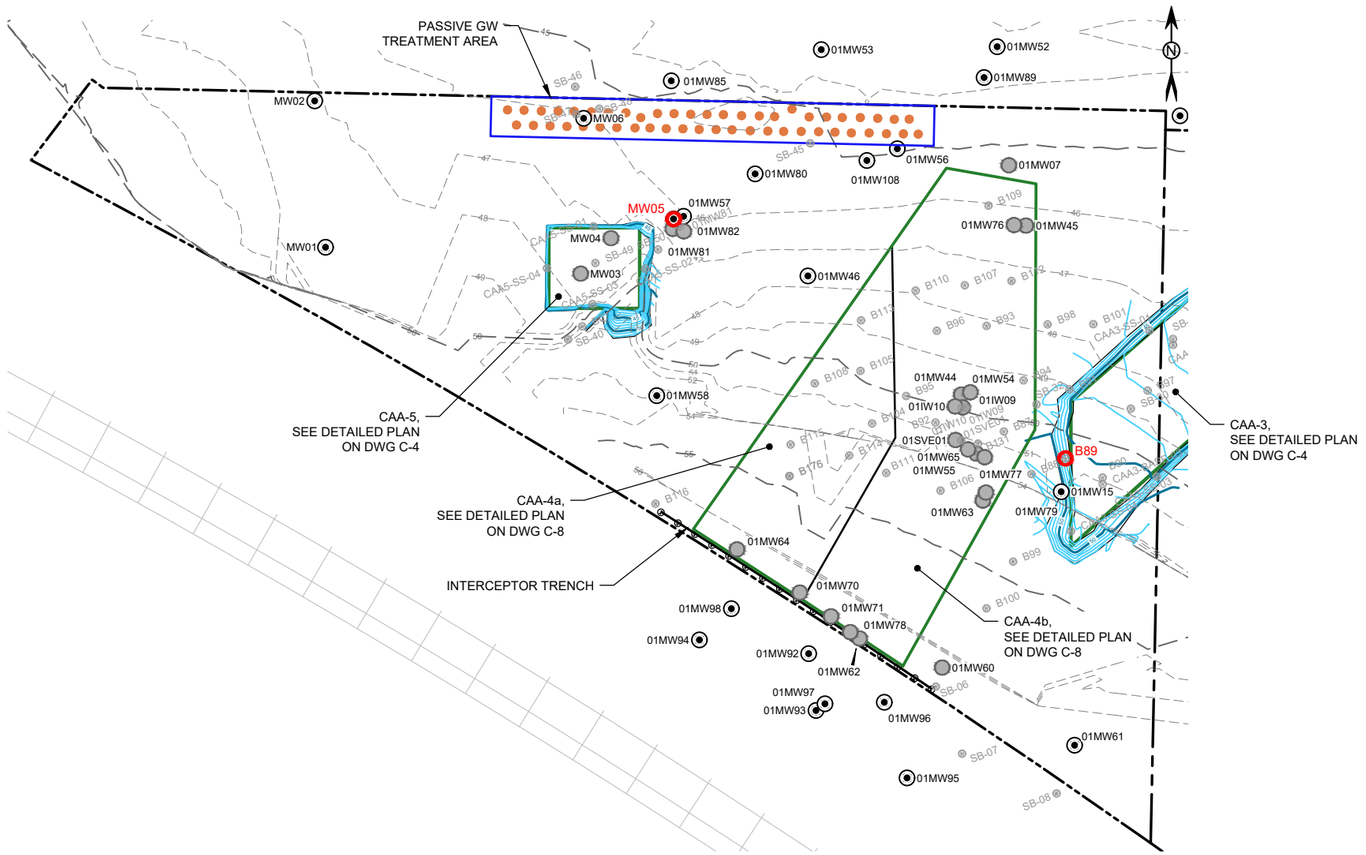

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

30' 0' 30' 60'

SCALE BAR

Figure B-1A

Extent of Soils With Remediation Level Exceedances - ASKO

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
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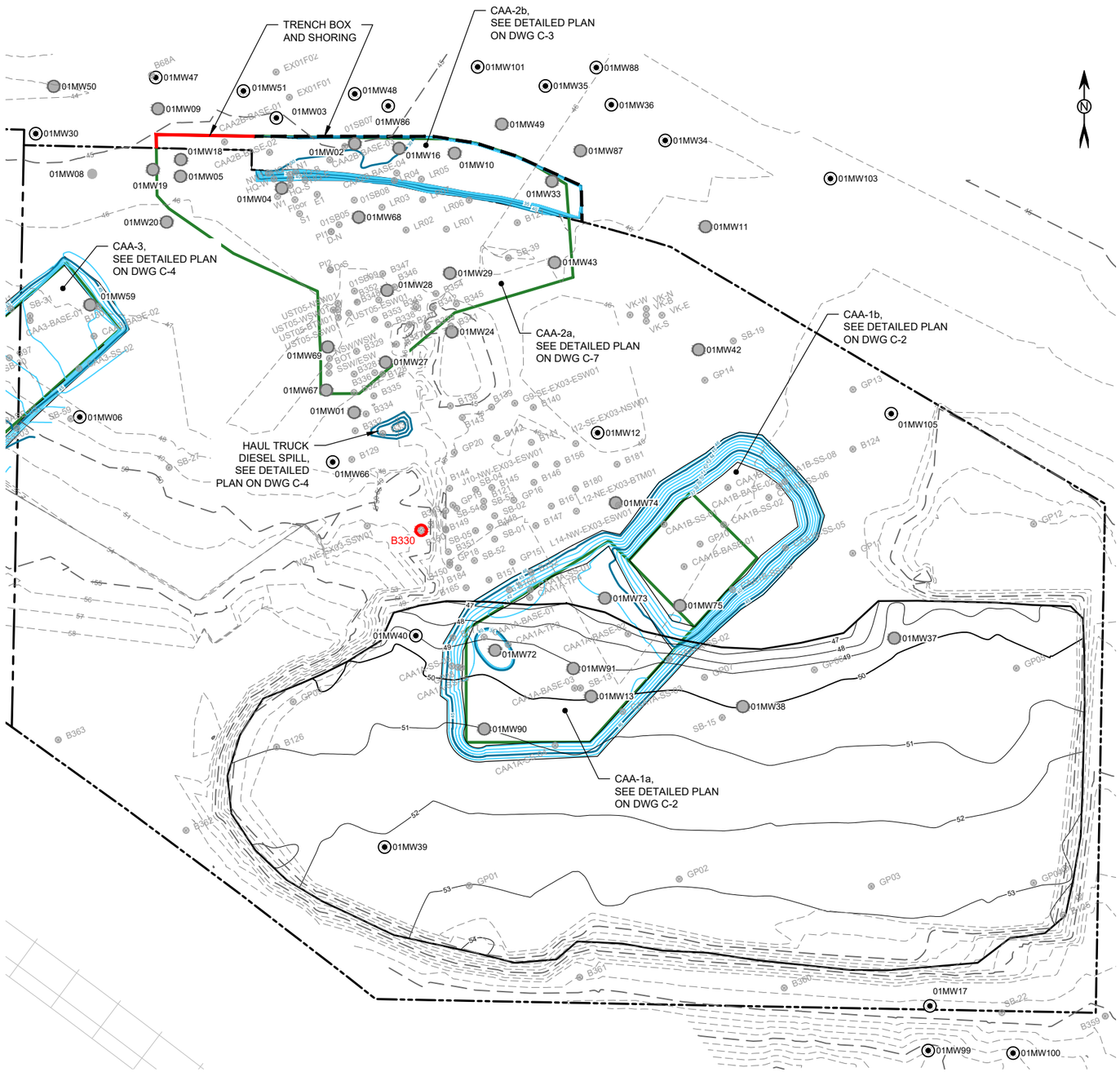

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

30' 0' 30' 60'

SCALE BAR

Figure B-1B

Extent of Soils With Remediation Level Exceedances - Bulk Terminal

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

CAA-2b: removal to elevation 30 ft (approx. 15 ft bgs). See As-built C-3

CAA-2a: ISS hardened soil to elevation 20 to 26.9 ft (elevation varies with top of silt surface; up to 23 ft bgs). See As-built C-7

CAA-1b: removal to elevation 36 ft (approx. 10 ft bgs) See As-built C-2

CAA-5: removal to elevation 42 ft (approx. 5 ft bgs) See As-built C-4

CAA-4: ISS hardened soil to elevation 17.1 to 21.4 ft (elevation varies with top of silt surface; up to 30 ft bgs) See As-built C-8

CAA-3: removal to elevation 32 to 47 ft (elevation varies with sloped ground surface; approx. 5 ft bgs) See As-built C-4

CAA-1a: removal to elevation 41 ft (approx. 5 ft bgs) See As-built C-2

ISS Swell Management Area: FILL (not removal) ISS hardened soil to elevation 46 to 54 ft (sloped surface) See As-built C-9

ASKO HYDRAULIC PROPERTY

BULK TERMINAL PROPERTY

BNSF RAIL

W. Fort St

27th Ave W

Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Arsenic: 7.3 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-2
Arsenic Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.10 Arsenic in Soil-Sitewide.mxd
4/7/2020

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

CAA-2b: removal to elevation 30 ft (approx. 15 ft bgs) See As-built C-3

CAA-2b: ISS hardened soil to elevation 20 to 26.9 ft (elevation varies with top of silt surface; up to 23 ft bgs). See As-built C-7

CAA-1b: removal to elevation 36 ft (approx. 10 ft bgs) See As-built C-2

CAA-5: removal to elevation 42 ft (approx. 5 ft bgs) See As-built C-4

CAA-44: ISS hardened soil to elevation 17.1 to 21.4 ft (elevation varies with top of silt surface; up to 30 ft bgs) See As-built C-8

CAA-3: removal to elevation 32 to 47 ft (elevation varies with sloped ground surface; approx. 5 ft bgs) See As-built C-4

CAA-1a: removal to elevation 41 ft (approx. 5 ft bgs) See As-built C-2

ISS Swell Management Area: FILL (not removal) ISS hardened soil to elevation 46 to 54 ft (sloped surface) See As-built C-9

ASKO HYDRAULIC PROPERTY

BULK TERMINAL PROPERTY

W. Commodore Way

27th Ave W

W. Fort St

Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One of More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
GRO: 30 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
· Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
GRO = Gasoline-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N
0 45 90 180
Scale in Feet

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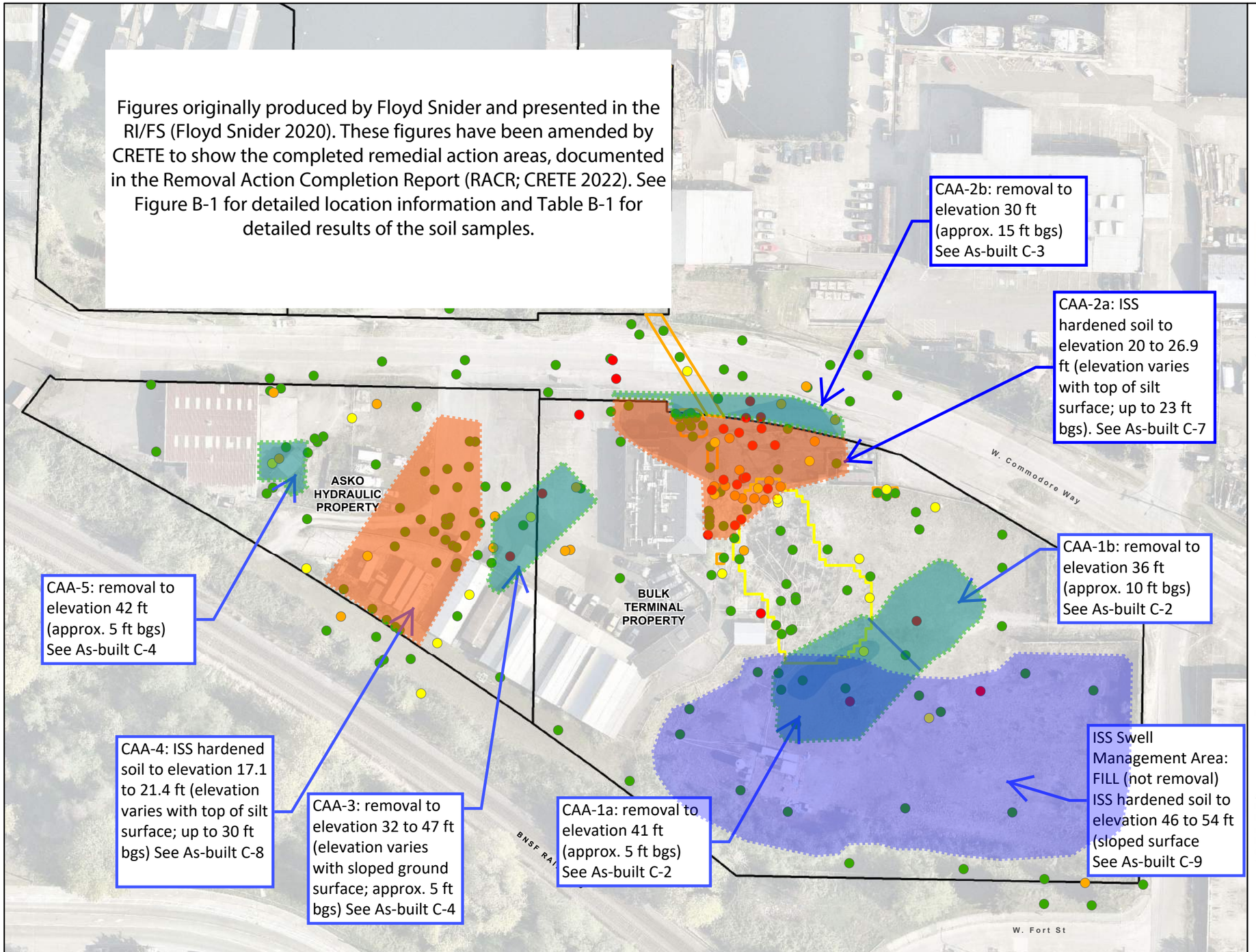
Figure B-3
Gasoline-Range Organics Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.11 GRO in Soil-Sitewide.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
DRO+ORO: 2,000 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
DRO = Diesel-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
ORO = Oil-range organics
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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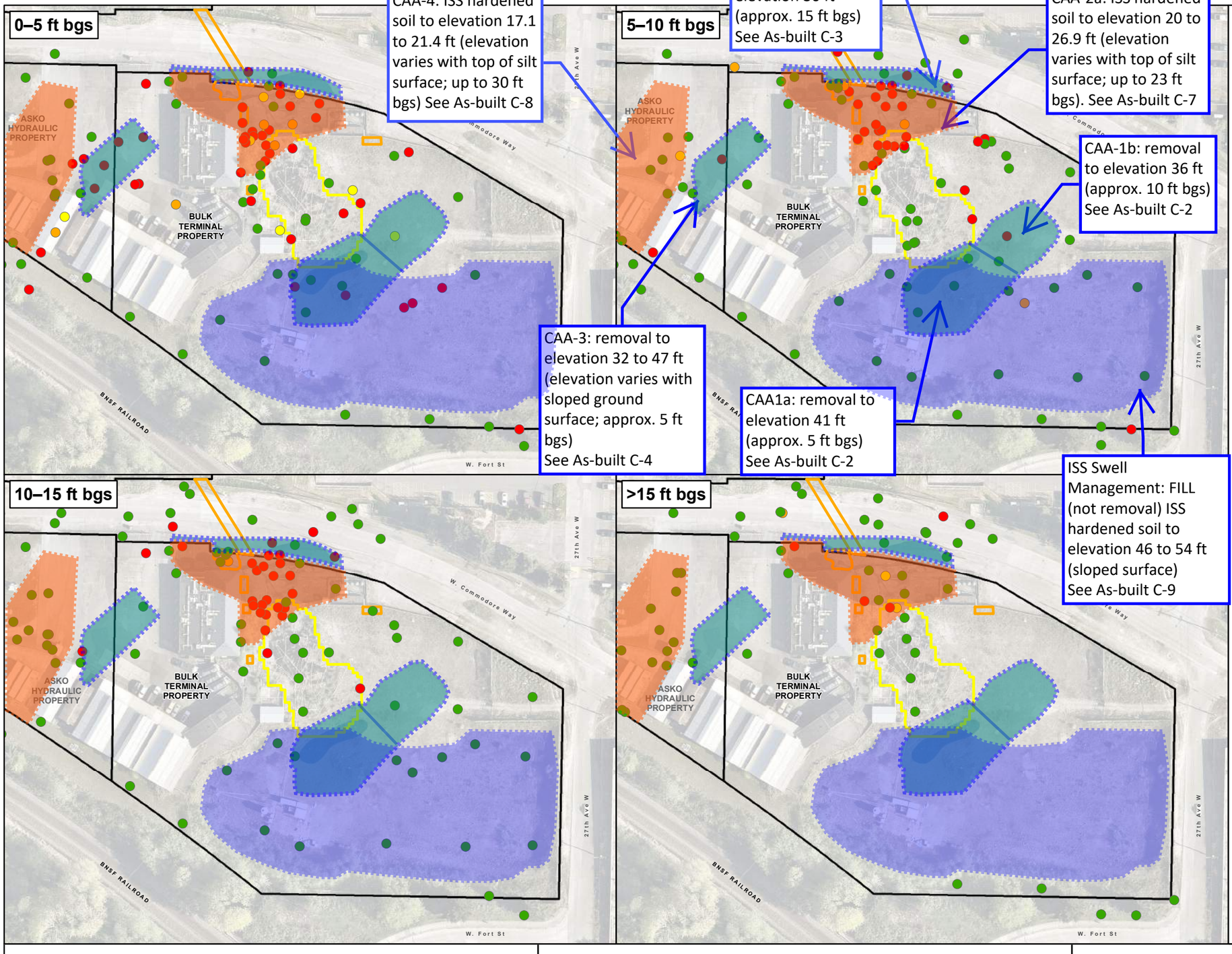
Figure B-4
Diesel- and Oil-Range Organics Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.12 DRO+ORO in Soil-Sitewide.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
GRO: 30 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Refer to Figure 3.3 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
GRO = Gasoline-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 60 120 240
Scale in Feet

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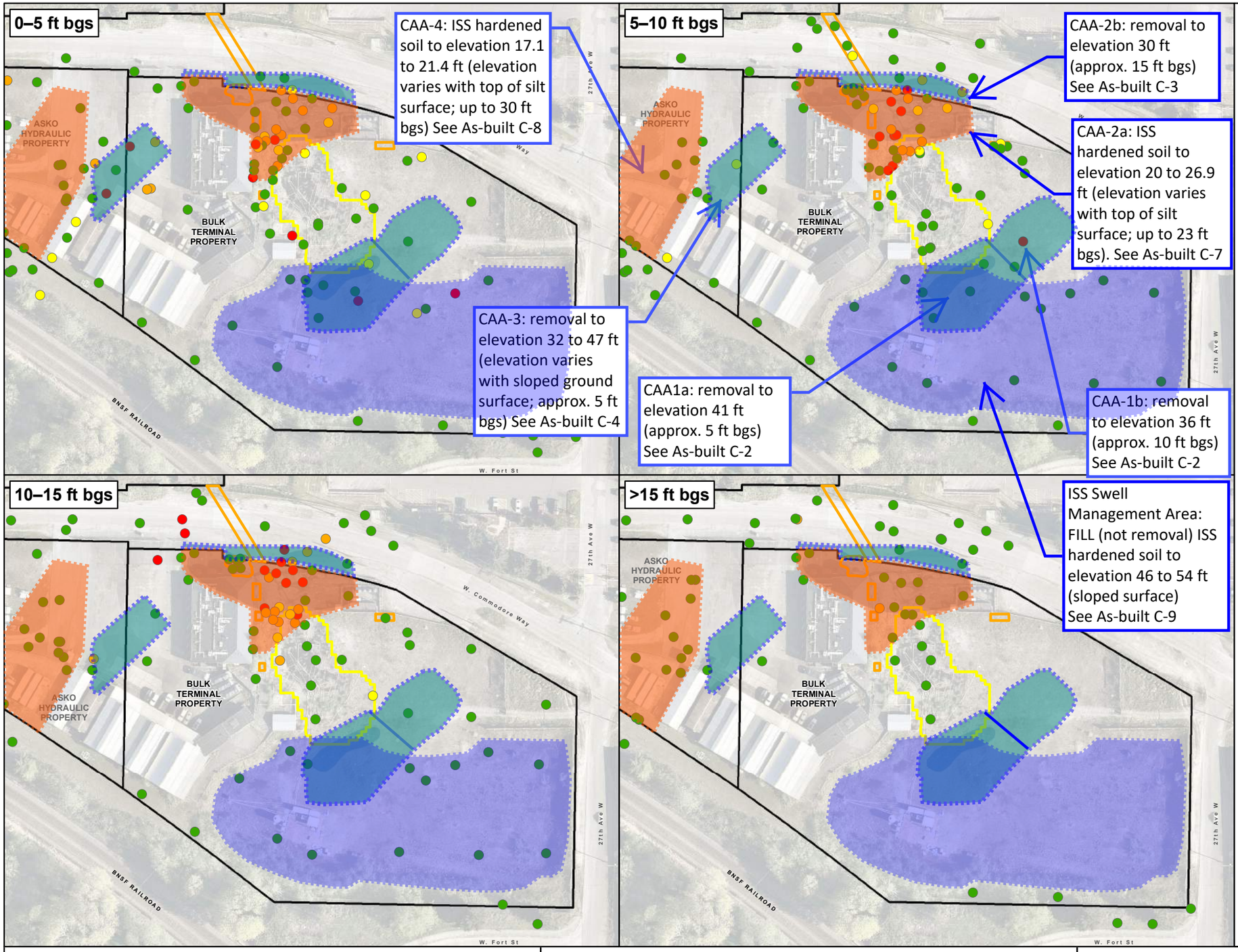
Figure B-5
Gasoline-Range Organics Distribution in Soil—
Bulk Terminal Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.13 GRO in Soil-Bulk Terminal.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
DRO+ORO: 2,000 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

· Refer to Figure 3.3 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
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Abbreviations:
DRO = Diesel-range organics
ft bgs = Feet below ground surface
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
ORO = Oil-range organics
TPH = Total petroleum hydrocarbons

N

0 60 120 240
Scale in Feet

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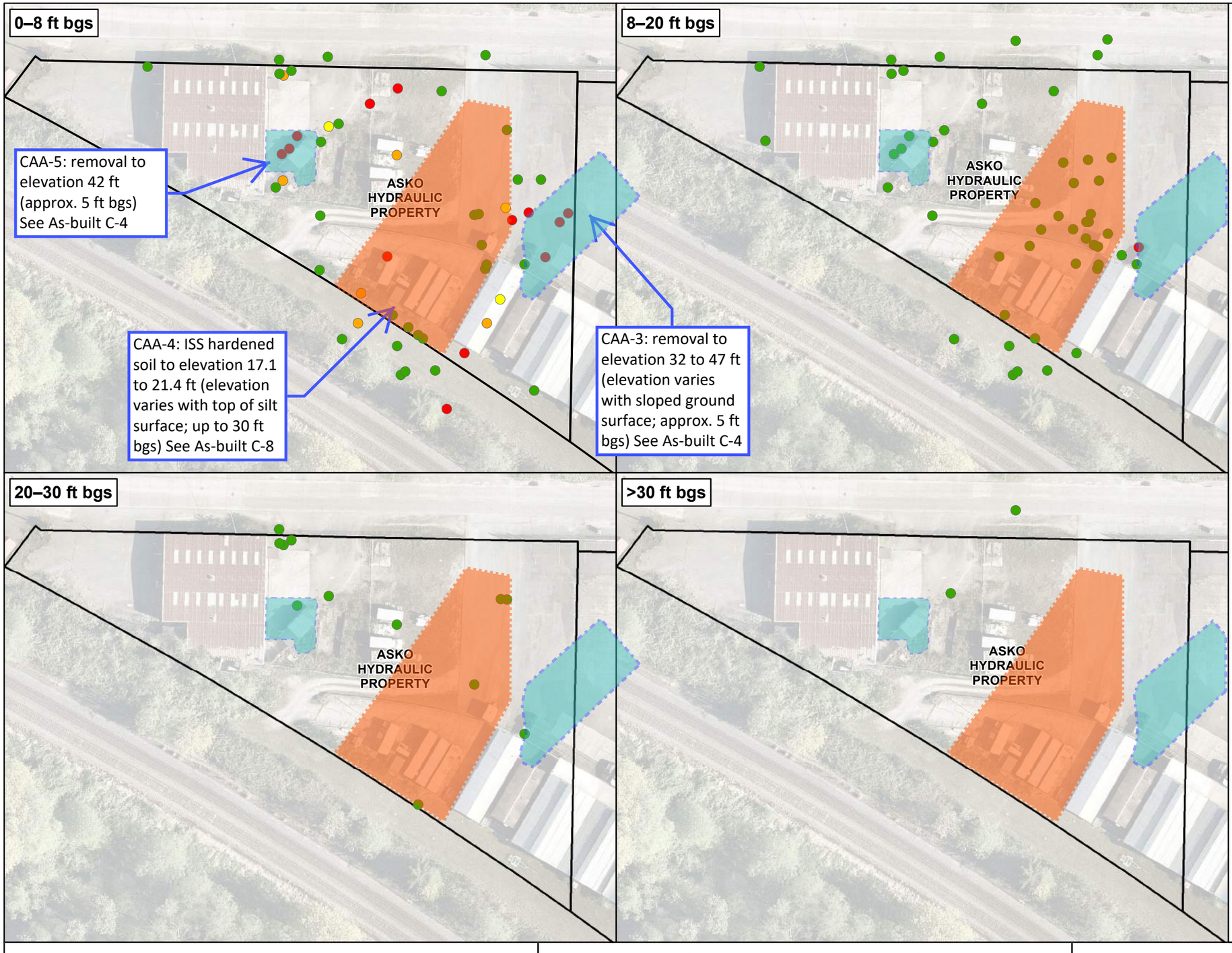
Figure B-6
Diesel- and Oil-Range Organics Distribution in Soil—
Bulk Terminal Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.14 DRO and ORO in Soil-Bulk Terminal.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Other Site Features

- Property Boundary for the Seattle Terminal Properties

Cleanup Level
GRO: 30 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
GRO = Gasoline-range organics
mg/kg = Milligrams per kilogram

N

0 40 80 160
Scale in Feet

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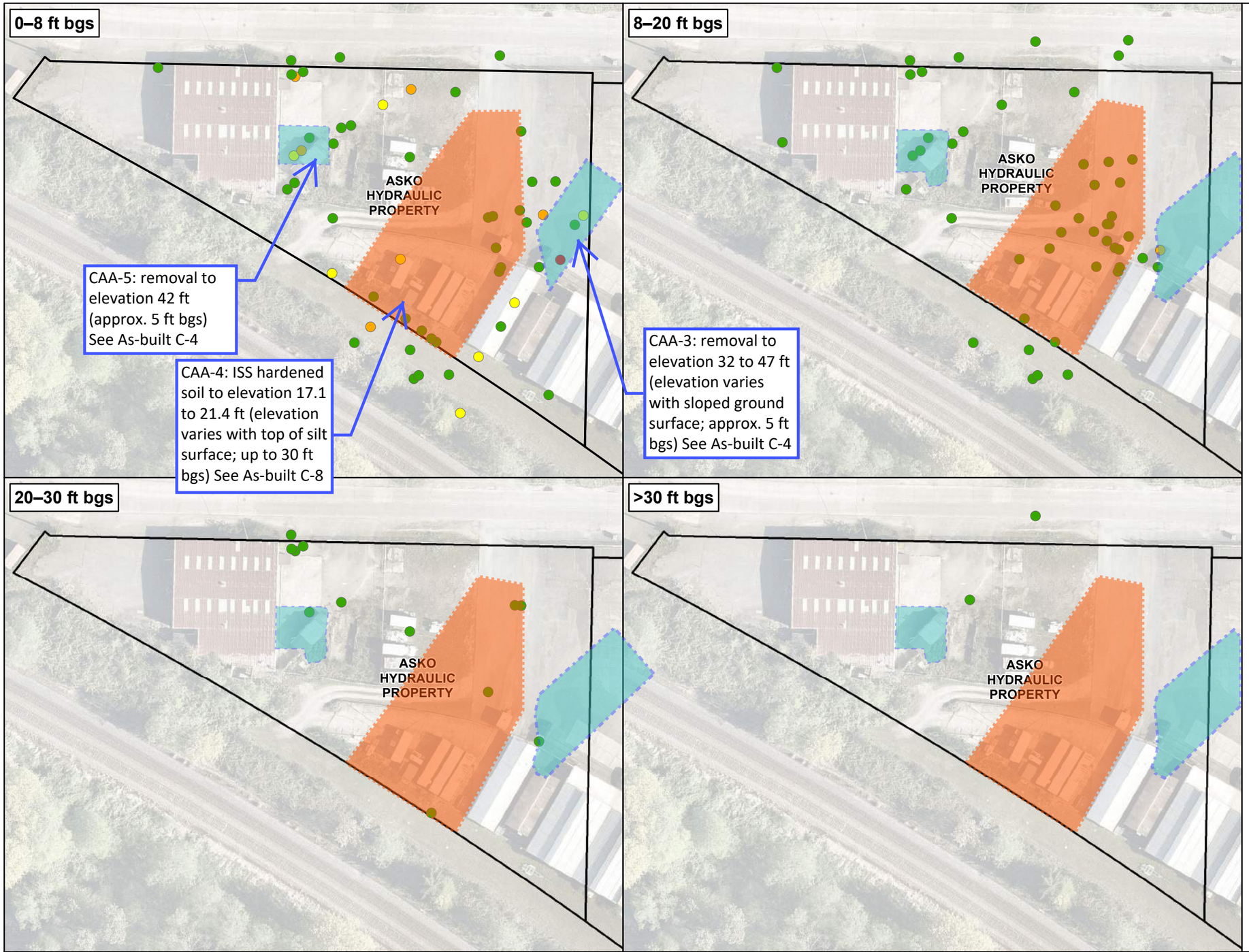
Figure B-7
Gasoline-Range Organics Distribution in Soil—
ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.15 GRO in Soil-ASKO.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Other Site Features

- Property Boundary for the Seattle Terminal Properties

Cleanup Level
DRO+ORO: 2,000 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
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· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
DRO = Diesel-range organics
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
ORO = Oil-range organics

N

0 40 80 160
Scale in Feet

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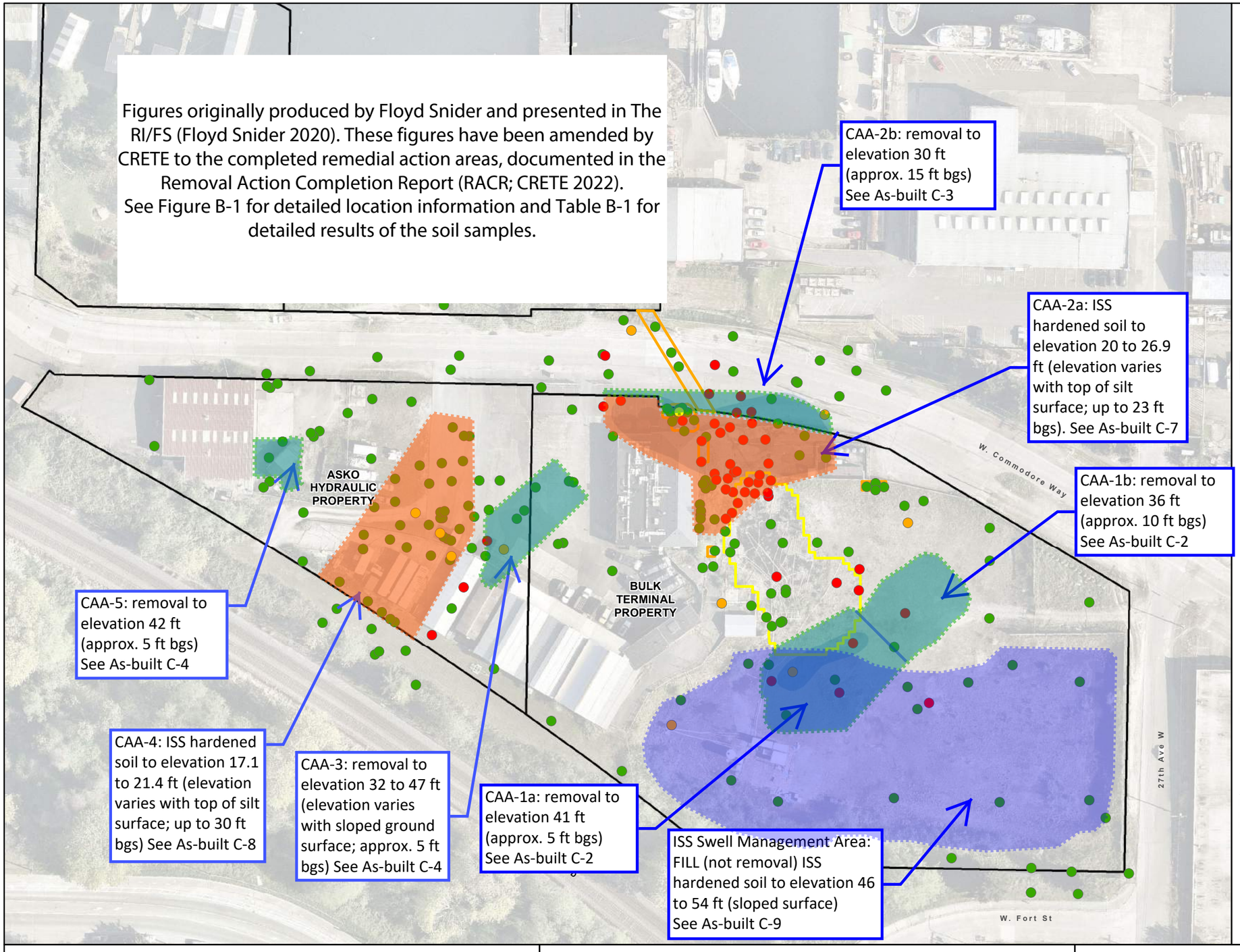
Seattle, Washington

Figure B-8
Diesel- and Oil-Range Organics Distribution in Soil—ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.16 DRO and ORO in Soil-ASKO.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Benzene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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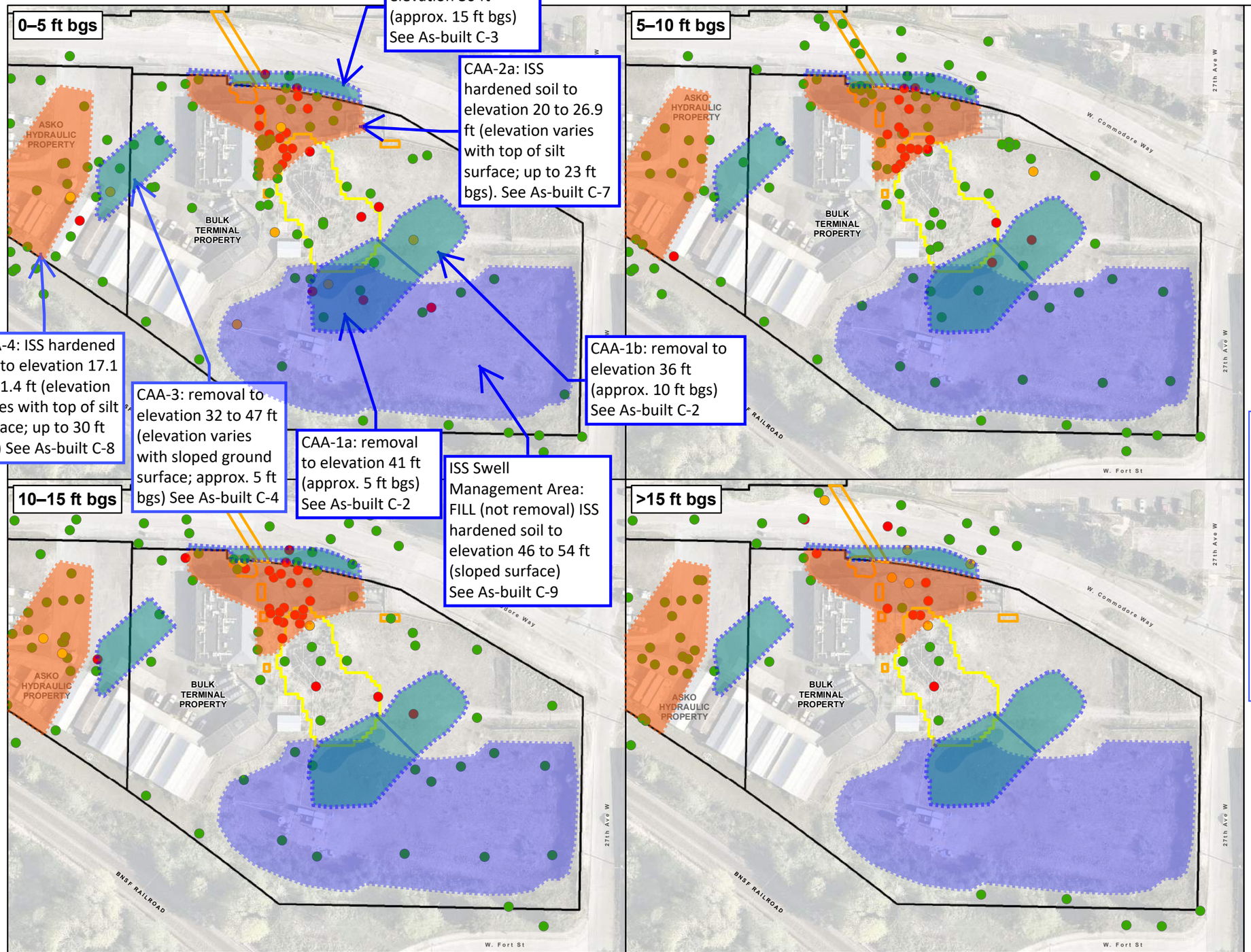
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-9
Benzene Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.19 Benzene in Soil-Sitewide.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level

Benzene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
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- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 60 120 240
Scale in Feet

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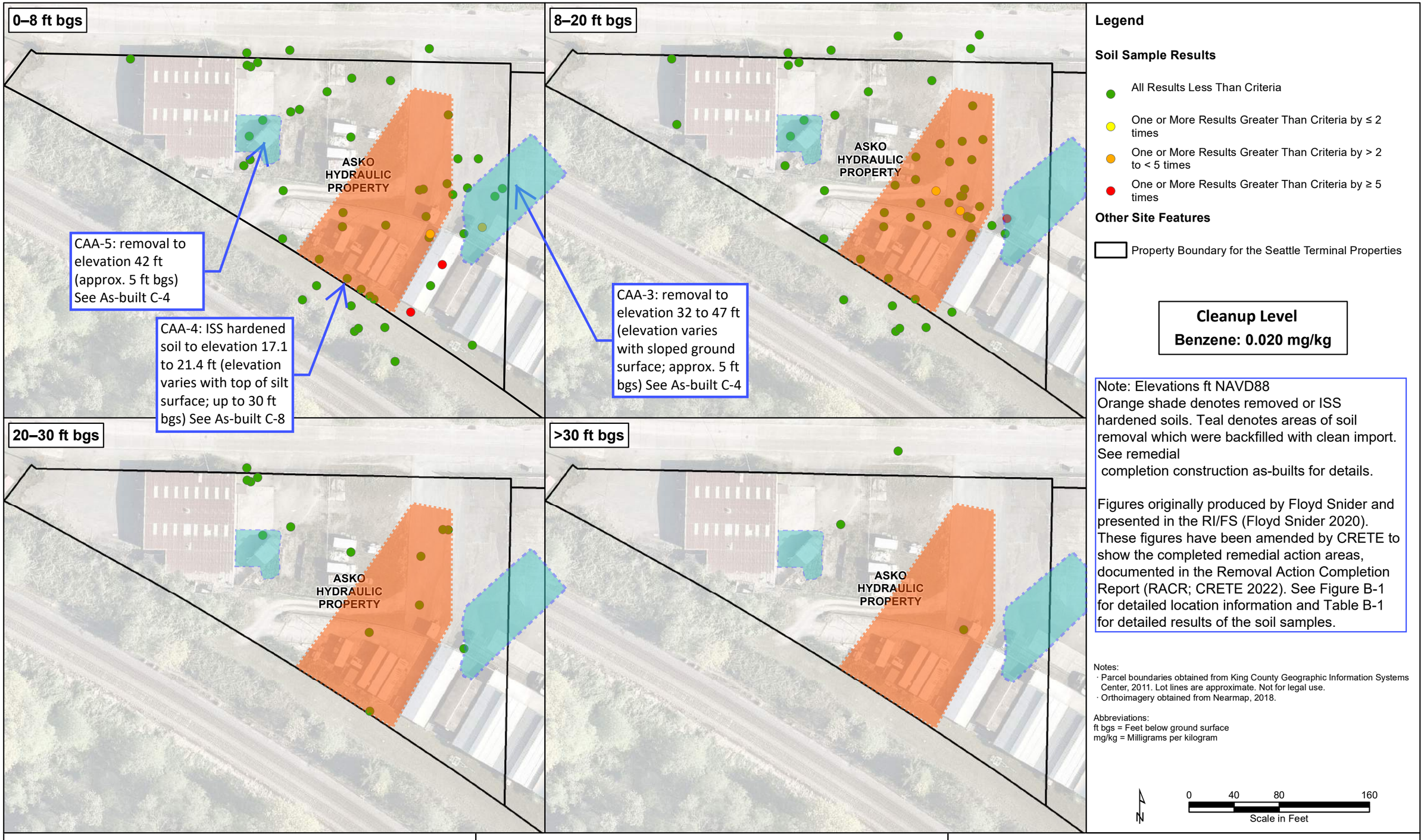
Seattle, Washington

Figure B-10
Benzene Distribution in Soil—
Bulk Terminal Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.20 Benzene in Soil-Bulk Terminal.mxd
4/7/2020



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Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-11
Benzene Distribution in Soil—
ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.21 Benzene in Soil-ASKO.mxd
4/3/2020

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

CAA-2b: removal to elevation 30 ft (approx. 15 ft bgs) See As-built C-3

CAA-2a: ISS hardened soil to elevation 20 to 26.9 ft (elevation varies with top of silt surface; up to 23 ft bgs). See As-built C-7

CAA-1b: removal to elevation 36 ft (approx. 10 ft bgs) See As-built C-2

CAA-5: removal to elevation 42 ft (approx. 5 ft bgs) See As-built C-4

CAA-4: ISS hardened soil to elevation 17.1 to 21.4 ft (elevation varies with top of silt surface; up to 30 ft bgs) See As-built C-8

CAA-3: removal to elevation 32 to 47 ft (elevation varies with sloped ground surface; approx. 5 ft bgs) See As-built C-4

CAA-1a: removal to elevation 41 ft (approx. 5 ft bgs) See As-built C-2

ISS Swell Management Area: FILL (not removal) ISS hardened soil to elevation 46 to 54 ft (sloped surface) See As-built C-9

ASKO HYDRAULIC PROPERTY

BULK TERMINAL PROPERTY

W. Commodore Way

27th Ave W

Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Trichloroethene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
GRO = Gasoline-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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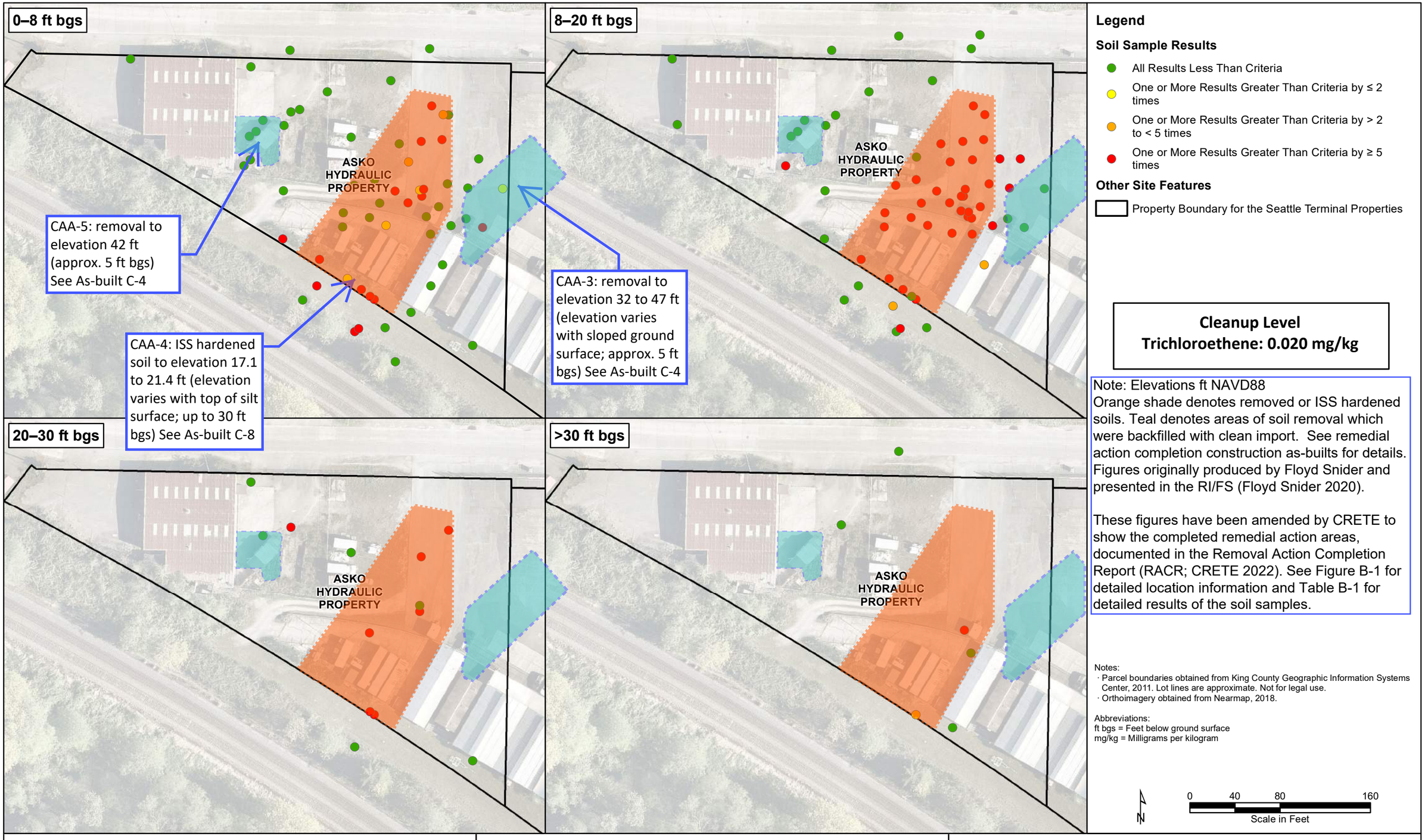
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-12
Trichloroethene Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.23 TCE in Soil-Sitewide.mxd
4/3/2020



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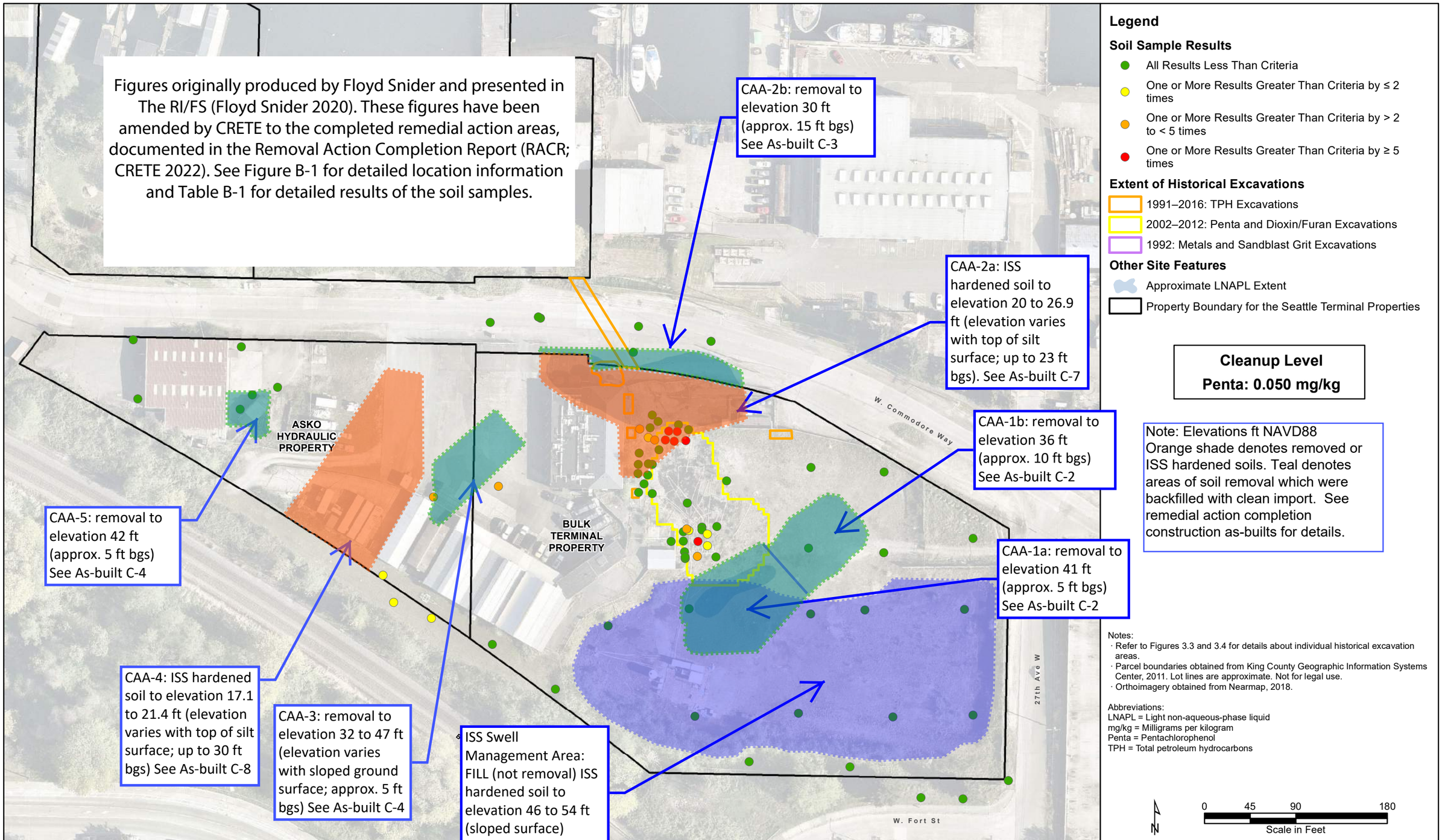
Seattle, Washington

Figure B-13
Trichloroethene Distribution in Soil—
ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.24 TCE in Soil-ASKO.mxd
4/3/2020



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Seattle, Washington

Figure B-14
Pentachlorophenol in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.25 Pentachlorophenol in Soil-Sitewide.mxd
4/7/2020

Attachment 1: Table B-1: Soil Samples Remaining on Site

Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	01MW06	1256065.296	245453.2068	47.73	2	2	ft	SB-29-2	11/1/2000	Total DRO & ORO	2000	12000	4400	mg/kg		TRUE	TRUE	
Soil	01MW06	1256065.296	245453.2068	47.73	2	2	ft	SB-29-2	11/1/2000	Gasoline-range organics	30	5000	540	mg/kg		TRUE	TRUE	
Soil	01MW06	1256065.296	245453.2068	47.73	2	2	ft	SB-29-2	11/1/2000	Benzene	0.02		0.5	mg/kg	U	FALSE	TRUE	
Soil	01MW06	1256065.296	245453.2068	47.73	5	5	ft	SB-29-5	11/1/2000	Total DRO & ORO	2000	12000	2400	mg/kg		TRUE	TRUE	
Soil	01MW06	1256065.296	245453.2068	47.73	5	5	ft	SB-29-5	11/1/2000	Gasoline-range organics	30	5000	390	mg/kg		TRUE	TRUE	
Soil	01MW06	1256065.296	245453.2068	47.73	5	5	ft	SB-29-5	11/1/2000	Benzene	0.02		0.2	mg/kg	U	FALSE	TRUE	
Soil	01MW08	1256073.352	245570.6077	50.42	5	5	ft	SB-35-5	1/1/2001	Total DRO & ORO	2000	12000	1800	mg/kg		TRUE	FALSE	
Soil	01MW08	1256073.352	245570.6077	50.42	5	5	ft	SB-35-5	1/1/2001	Gasoline-range organics	30	5000	190	mg/kg		TRUE	TRUE	
Soil	01MW08	1256073.352	245570.6077	50.42	5	5	ft	SB-35-5	1/1/2001	Benzene	0.02		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW08	1256073.352	245570.6077	50.42	15	15	ft	SB-35-15	1/1/2001	Total DRO & ORO	2000	12000	11000	mg/kg		TRUE	TRUE	
Soil	01MW08	1256073.352	245570.6077	50.42	15	15	ft	SB-35-15	1/1/2001	Gasoline-range organics	30	5000	1600	mg/kg		TRUE	TRUE	
Soil	01MW08	1256073.352	245570.6077	50.42	15	15	ft	SB-35-15	1/1/2001	Benzene	0.02		1	mg/kg	U	FALSE	TRUE	
Soil	01MW09	1256105.297	245601.9696	47.01	15	15	ft	SB-36-15	1/1/2001	Benzene	0.02		7.7	mg/kg	U	FALSE	TRUE	
Soil	01MW09	1256105.297	245601.9696	47.01	15	15	ft	SB-36-15	1/1/2001	Total DRO & ORO	2000	12000	11000	mg/kg		TRUE	TRUE	
Soil	01MW09	1256105.297	245601.9696	47.01	15	15	ft	SB-36-15	1/1/2001	Gasoline-range organics	30	5000	4300	mg/kg		TRUE	TRUE	
Soil	01MW10	1256248.67	245580.0651	47.26	15	15	ft	SB-37-15	1/1/2001	Total DRO & ORO	2000	12000	9100	mg/kg		TRUE	TRUE	
Soil	01MW10	1256248.67	245580.0651	47.26	15	15	ft	SB-37-15	1/1/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW10	1256248.67	245580.0651	47.26	15	15	ft	SB-37-15	1/1/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW100	1256518.34	245144.56	63.68	2.5	2.5	ft	B358-02.5	3/25/2015	Arsenic	7.3		2.3	mg/kg		TRUE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	5	5	ft	B358-05	3/25/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW100	1256518.34	245144.56	63.68	5	5	ft	B358-05	3/25/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	5	5	ft	B358-05	3/25/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	5	5	ft	B358-05	3/25/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	15	15	ft	B358-15	3/25/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW100	1256518.34	245144.56	63.68	15	15	ft	B358-15	3/25/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	15	15	ft	B358-15	3/25/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	15	15	ft	B358-15	3/25/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	22.5	22.5	ft	B358-22.5	3/25/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	22.5	22.5	ft	B358-22.5	3/25/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW100	1256518.34	245144.56	63.68	22.5	22.5	ft	B358-22.5	3/25/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW100	1256518.34	245144.56	63.68	22.5	22.5	ft	B358-22.5	3/25/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW12	1256316.664	245445.5747	45.78	2	2	ft	SB-24-2	1/1/2001	Total DRO & ORO	2000	12000	2600	mg/kg		TRUE	TRUE	
Soil	01MW12	1256316.664	245445.5747	45.78	2	2	ft	SB-24-2	1/1/2001	Gasoline-range organics	30	5000	58	mg/kg		TRUE	TRUE	
Soil	01MW12	1256316.664	245445.5747	45.78	2	2	ft	SB-24-2	1/1/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW12	1256316.664	245445.5747	45.78	10	10	ft	SB-24-10	1/1/2001	Total DRO & ORO	2000	12000	430	mg/kg		TRUE	FALSE	
Soil	01MW12	1256316.664	245445.5747	45.78	10	10	ft	SB-24-10	1/1/2001	Gasoline-range organics	30	5000	250	mg/kg		TRUE	TRUE	
Soil	01MW12	1256316.664	245445.5747	45.78	10	10	ft	SB-24-10	1/1/2001	Benzene	0.02		0.24	mg/kg	U	FALSE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	2	2	ft	SB-58-2	7/19/2001	Total DRO & ORO	2000	12000	300	mg/kg		TRUE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	2	2	ft	SB-58-2	7/19/2001	Pentachlorophenol	0.05		0.5	mg/kg	U	FALSE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	2	2	ft	SB-58-2	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	2	2	ft	SB-58-2	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	5	5	ft	SB-58-5	7/19/2001	Total DRO & ORO	2000	12000	51	mg/kg		TRUE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	5	5	ft	SB-58-5	7/19/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	5	5	ft	SB-58-5	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	5	5	ft	SB-58-5	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	10	10	ft	SB-58-10	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	10	10	ft	SB-58-10	7/19/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	10	10	ft	SB-58-10	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	10	10	ft	SB-58-10	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	15	15	ft	SB-58-15	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	15	15	ft	SB-58-15	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	15	15	ft	SB-58-15	7/19/2001	Pentachlorophenol	0.05		0.16	mg/kg		TRUE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	15	15	ft	SB-58-15	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW15	1255996.886	245441.8874	50.83	25	25	ft	SB-58-25	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	25	25	ft	SB-58-25	7/19/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	25	25	ft	SB-58-25	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW15	1255996.886	245441.8874	50.83	25	25	ft	SB-58-25	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW16	1256221.84	245582.4801	47.58	15	15	ft	SB-60-15	7/19/2001	Total DRO & ORO	2000	12000	11000	mg/kg		TRUE	TRUE	
Soil	01MW16	1256221.84	245582.4801	47.58	15	15	ft	SB-60-15	7/19/2001	Gasoline-range organics	30	5000	1200	mg/kg		TRUE	TRUE	
Soil	01MW16	1256221.84	245582.4801	47.58	15	15	ft	SB-60-15	7/19/2001	Benzene	0.02		1.7	mg/kg		TRUE	TRUE	
Soil	01MW16	1256221.84	245582.4801	47.58	20	20	ft	SB-60-20	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW16	1256221.84	245582.4801	47.58	20	20	ft	SB-60-20	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW16	1256221.84	245582.4801	47.58	20	20	ft	SB-60-20	7/19/2001	Benzene	0.02		0.05	mg/kg		TRUE	TRUE	
Soil	01MW17	1256477.214	245167.4524	70.31	2	2	ft	SB-61-2	7/19/2001	Total DRO & ORO	2000	12000	110	mg/kg		TRUE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	2	2	ft	SB-61-2	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	2	2	ft	SB-61-2	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW17	1256477.214	245167.4524	70.31	5	5	ft	SB-61-5	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	5	5	ft	SB-61-5	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	5	5	ft	SB-61-5	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW17	1256477.214	245167.4524	70.31	10	10	ft	SB-61-10	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	10	10	ft	SB-61-10	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	10	10	ft	SB-61-10	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW17	1256477.214	245167.4524	70.31	15	15	ft	SB-61-15	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	15	15	ft	SB-61-15	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW17	1256477.214	245167.4524	70.31	15	15	ft	SB-61-15	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW18	1256116.234	245578.4666	49.57	25	25	ft	SB-65-25	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW18	1256116.234	245578.4666	49.57	25	25	ft	SB-65-25	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW18	1256116.234	245578.4666	49.57	25	25	ft	SB-65-25	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW18	1256116.234	245578.4666	49.57	30	30	ft	SB-65-30	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW18	1256116.234	245578.4666	49.57	30	30	ft	SB-65-30	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW18	1256116.234	245578.4666	49.57	30	30	ft	SB-65-30	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW19	1256100.858	245573.3323	45.27	5	5	ft	SB-66-5	3/11/2002	Total DRO & ORO	2000	12000	110	mg/kg		TRUE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	5	5	ft	SB-66-5	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	5	5	ft	SB-66-5	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW19	1256100.858	245573.3323	45.27	10	10	ft	SB-66-10	3/11/2002	Total DRO & ORO	2000	12000	47	mg/kg		TRUE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	10	10	ft	SB-66-10	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	10	10	ft	SB-66-10	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW19	1256100.858	245573.3323	45.27	15	15	ft	SB-66-15	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	15	15	ft	SB-66-15	3/11/2002	Gasoline-range organics	30	5000	11	mg/kg		TRUE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	15	15	ft	SB-66-15	3/11/2002	Benzene	0.02		0.29	mg/kg		TRUE	TRUE	
Soil	01MW19	1256100.858	245573.3323	45.27	20	20	ft	SB-66-20	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	20	20	ft	SB-66-20	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	20	20	ft	SB-66-20	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW19	1256100.858	245573.3323	45.27	25	25	ft	SB-66-25	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	25	25	ft	SB-66-25	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW19	1256100.858	245573.3323	45.27	25	25	ft	SB-66-25	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW20	1256109.272	245547.1964	52.15	5	5	ft	SB-67-5	3/11/2002	Total DRO & ORO	2000	12000	190	mg/kg		TRUE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	5	5	ft	SB-67-5	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	5	5	ft	SB-67-5	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW20	1256109.272	245547.1964	52.15	10	10	ft	SB-67-10	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	10	10	ft	SB-67-10	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	10	10	ft	SB-67-10	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW20	1256109.272	245547.1964	52.15	15	15	ft	SB-67-15	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	15	15	ft	SB-67-15	3/11/2002	Gasoline-range organics	30	5000	7.2	mg/kg		TRUE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	15	15	ft	SB-67-15	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW20	1256109.272	245547.1964	52.15	20	20	ft	SB-67-20	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	20	20	ft	SB-67-20	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	20	20	ft	SB-67-20	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW20	1256109.272	245547.1964	52.15	25	25	ft	SB-67-25	3/11/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	25	25	ft	SB-67-25	3/11/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW20	1256109.272	245547.1964	52.15	25	25	ft	SB-67-25	3/11/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW21	1256258.346	245384.2315	57.44	10	10	ft	01MW21-10	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	10	10	ft	01MW21-10	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	10	10	ft	01MW21-10	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW21	1256258.346	245384.2315	57.44	15	15	ft	01MW21-15	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	15	15	ft	01MW21-15	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	15	15	ft	01MW21-15	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW21	1256258.346	245384.2315	57.44	20	20	ft	01MW21-20	12/2/2002	Total DRO & ORO	2000	12000	22	mg/kg		TRUE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	20	20	ft	01MW21-20	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	20	20	ft	01MW21-20	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW21	1256258.346	245384.2315	57.44	23	23	ft	01MW21-23	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	23	23	ft	01MW21-23	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW21	1256258.346	245384.2315	57.44	23	23	ft	01MW21-23	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW22	1256253.144	245423.6346	55.84	10	10	ft	01MW22-10	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	10	10	ft	01MW22-10	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	10	10	ft	01MW22-10	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW22	1256253.144	245423.6346	55.84	15	15	ft	01MW22-15	12/2/2002	Benzene	0.02		0.22	mg/kg		TRUE	TRUE	
Soil	01MW22	1256253.144	245423.6346	55.84	15	15	ft	01MW22-15	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	15	15	ft	01MW22-15	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	20	20	ft	01MW22-20	12/2/2002	Benzene	0.02		0.21	mg/kg		TRUE	TRUE	
Soil	01MW22	1256253.144	245423.6346	55.84	20	20	ft	01MW22-20	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	20	20	ft	01MW22-20	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	25	25	ft	01MW22-25	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	25	25	ft	01MW22-25	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW22	1256253.144	245423.6346	55.84	25	25	ft	01MW22-25	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW23	1256258.537	245453.3281	55.55	15	15	ft	01MW23-15	12/2/2002	Gasoline-range organics	30	5000	5.7	mg/kg		TRUE	FALSE	
Soil	01MW23	1256258.537	245453.3281	55.55	15	15	ft	01MW23-15	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW23	1256258.537	245453.3281	55.55	15	15	ft	01MW23-15	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW23	1256258.537	245453.3281	55.55	20	20	ft	01MW23-20	12/2/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW23	1256258.537	245453.3281	55.55	20	20	ft	01MW23-20	12/2/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW23	1256258.537	245453.3281	55.55	20	20	ft	01MW23-20	12/2/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW24	1256245.927	245494.565	44.35	5	5	ft	01MW24-5	12/3/2002	Benzene	0.02		4.4	mg/kg		TRUE	TRUE	
Soil	01MW24	1256245.927	245494.565	44.35	5	5	ft	01MW24-5	12/3/2002	Gasoline-range organics	30	5000	2200	mg/kg		TRUE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	01MW24	1256245.927	245494.565	44.35	5	5	ft	01MW24-5	12/3/2002	Total DRO & ORO	2000	12000	3100	mg/kg		TRUE	TRUE	
Soil	01MW24	1256245.927	245494.565	44.35	10	10	ft	01MW24-10	12/3/2002	Total DRO & ORO	2000	12000	420	mg/kg		TRUE	FALSE	
Soil	01MW24	1256245.927	245494.565	44.35	10	10	ft	01MW24-10	12/3/2002	Gasoline-range organics	30	5000	28	mg/kg		TRUE	FALSE	
Soil	01MW24	1256245.927	245494.565	44.35	10	10	ft	01MW24-10	12/3/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW24	1256245.927	245494.565	44.35	15	15	ft	01MW24-15	12/3/2002	Total DRO & ORO	2000	12000	12	mg/kg		TRUE	FALSE	
Soil	01MW24	1256245.927	245494.565	44.35	15	15	ft	01MW24-15	12/3/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW24	1256245.927	245494.565	44.35	15	15	ft	01MW24-15	12/3/2002	Benzene	0.02		0.1	mg/kg		TRUE	TRUE	
Soil	01MW24	1256245.927	245494.565	44.35	20	20	ft	01MW24-20	12/3/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW24	1256245.927	245494.565	44.35	20	20	ft	01MW24-20	12/3/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW24	1256245.927	245494.565	44.35	20	20	ft	01MW24-20	12/3/2002	Benzene	0.02		0.045	mg/kg		TRUE	TRUE	
Soil	01MW25	1256248.164	245469.7566	53.71	15	15	ft	01MW25-15	12/3/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW25	1256248.164	245469.7566	53.71	15	15	ft	01MW25-15	12/3/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW25	1256248.164	245469.7566	53.71	15	15	ft	01MW25-15	12/3/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW25	1256248.164	245469.7566	53.71	18	18	ft	01MW25-18	12/3/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW25	1256248.164	245469.7566	53.71	18	18	ft	01MW25-18	12/3/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW25	1256248.164	245469.7566	53.71	18	18	ft	01MW25-18	12/3/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW26	1256216.466	245452.9036	54.31	15	15	ft	01MW26-15	12/4/2002	Benzene	0.02		0.6	mg/kg	U	FALSE	TRUE	
Soil	01MW26	1256216.466	245452.9036	54.31	15	15	ft	01MW26-15	12/4/2002	Total DRO & ORO	2000	12000	7000	mg/kg		TRUE	TRUE	
Soil	01MW26	1256216.466	245452.9036	54.31	15	15	ft	01MW26-15	12/4/2002	Gasoline-range organics	30	5000	1400	mg/kg		TRUE	TRUE	
Soil	01MW26	1256216.466	245452.9036	54.31	20	20	ft	01MW26-20	12/4/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW26	1256216.466	245452.9036	54.31	20	20	ft	01MW26-20	12/4/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW26	1256216.466	245452.9036	54.31	20	20	ft	01MW26-20	12/4/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW28	1256215.67	245515.4284	52.38	25	25	ft	01MW28-25	12/5/2002	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	01MW28	1256215.67	245515.4284	52.38	25	25	ft	01MW28-25	12/5/2002	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW28	1256215.67	245515.4284	52.38	25	25	ft	01MW28-25	12/5/2002	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW30	1256046.105	245590.1133	48.04	2	2	ft	B01-2	4/21/2006	Total DRO & ORO	2000	12000	720	mg/kg		TRUE	FALSE	
Soil	01MW30	1256046.105	245590.1133	48.04	8	8	ft	B01-8	4/21/2006	Gasoline-range organics	30	5000	84	mg/kg	CN	TRUE	TRUE	
Soil	01MW30	1256046.105	245590.1133	48.04	8	8	ft	B01-8	4/21/2006	Total DRO & ORO	2000	12000	390	mg/kg		TRUE	FALSE	
Soil	01MW30	1256046.105	245590.1133	48.04	8	8	ft	B01-8	4/21/2006	Benzene	0.02		0.022	mg/kg	U	FALSE	TRUE	
Soil	01MW30	1256046.105	245590.1133	48.04	15	15	ft	B01-15	4/21/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	01MW30	1256046.105	245590.1133	48.04	15	15	ft	B01-15	4/21/2006	Benzene	0.02		0.021	mg/kg	U	FALSE	TRUE	
Soil	01MW30	1256046.105	245590.1133	48.04	21	21	ft	B01-21	4/21/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	01MW30	1256046.105	245590.1133	48.04	21	21	ft	B01-21	4/21/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	01MW30	1256046.105	245590.1133	48.04	21	21	ft	B01-21	4/21/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	10	10	ft	01MW31-10	7/6/2006	Gasoline-range organics	30	5000	7	mg/kg		TRUE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	10	10	ft	01MW31-10	7/6/2006	Trichloroethene	0.02	1	0.0023	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	10	10	ft	01MW31-10	7/6/2006	Vinyl chloride			0.0023	mg/kg	U	FALSE	TRUE	
Soil	01MW31	1256125.284	245640.314	44.45	10	10	ft	01MW31-10	7/6/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	10	10	ft	01MW31-10	7/6/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	13	13	ft	01MW31-13	7/6/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	13	13	ft	01MW31-13	7/6/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	13	13	ft	01MW31-13	7/6/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	20	20	ft	01MW31-20	7/6/2006	Gasoline-range organics	30	5000	4.9	mg/kg		TRUE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	20	20	ft	01MW31-20	7/6/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	20	20	ft	01MW31-20	7/6/2006	Benzene	0.02		0.05	mg/kg		TRUE	TRUE	
Soil	01MW31	1256125.284	245640.314	44.45	23	23	ft	01MW31-23	7/6/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	23	23	ft	01MW31-23	7/6/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW31	1256125.284	245640.314	44.45	23	23	ft	01MW31-23	7/6/2006	Benzene	0.02		0.02	mg/kg		TRUE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	10	10	ft	01MW32-10	7/6/2006	Gasoline-range organics	30	5000	4.4	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	10	10	ft	01MW32-10	7/6/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	10	10	ft	01MW32-10	7/6/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	17.5	17.5	ft	01MW32-17.5	7/6/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	17.5	17.5	ft	01MW32-17.5	7/6/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	17.5	17.5	ft	01MW32-17.5	7/6/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	20	20	ft	01MW32-20	7/6/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	20	20	ft	01MW32-20	7/6/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	20	20	ft	01MW32-20	7/6/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	25	25	ft	01MW32-25	7/6/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	01MW32	1256214.724	245635.0407	42.92	25	25	ft	01MW32-25	7/6/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	25	25	ft	01MW32-25	7/6/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	25	25	ft	01MW32-25	7/6/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	25	25	ft	01MW32-25	7/6/2006	Benzene	0.02		0.011	mg/kg		TRUE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	27	27	ft	01MW32-27	7/6/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	27	27	ft	01MW32-27	7/6/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW32	1256214.724	245635.0407	42.92	27	27	ft	01MW32-27	7/6/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	11	11	ft	01MW33-11	7/7/2006	Gasoline-range organics	30	5000	370	mg/kg	CN	TRUE	TRUE	
Soil	01MW33	1256295.573	245566.0559	46.77	11	11	ft	01MW33-11	7/7/2006	Total DRO & ORO	2000	12000	1400	mg/kg		TRUE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	11	11	ft	01MW33-11	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	18	18	ft	01MW33-18	7/7/2006	Gasoline-range organics	30	5000	5.8	mg/kg		TRUE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	18	18	ft	01MW33-18	7/7/2006	Total DRO & ORO	2000	12000	21	mg/kg		TRUE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	18	18	ft	01MW33-18	7/7/2006	Benzene	0.02		0.05	mg/kg		TRUE	TRUE	
Soil	01MW33	1256295.573	245566.0559	46.77	23	23	ft	01MW33-23	7/7/2006	Gasoline-range organics	30	5000	5.4	mg/kg	U	FALSE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	23	23	ft	01MW33-23	7/7/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	01MW33	1256295.573	245566.0559	46.77	23	23	ft	01MW33-23	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW34	1256349.486	245587.4006	45.21	11	11	ft	01MW34-11	7/7/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	01MW34	1256349.486	245587.4006	45.21	11	11	ft	01MW34-11	7/7/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW34	1256349.486	245587.4006	45.21	11	11	ft	01MW34-11	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW34	1256349.486	245587.4006	45.21	18	18	ft	01MW34-18	7/7/2006	Gasoline-range organics	30	5000	4.6	mg/kg	U	FALSE	FALSE	
Soil	01MW34	1256349.486	245587.4006	45.21	18	18	ft	01MW34-18	7/7/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW34	1256349.486	245587.4006	45.21	18	18	ft	01MW34-18	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	11	11	ft	01MW35-11	7/7/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	11	11	ft	01MW35-11	7/7/2006	Total DRO & ORO	2000	12000	73	mg/kg		TRUE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	11	11	ft	01MW35-11	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	16	16	ft	01MW35-16	7/7/2006	Trichloroethene	0.02	1	0.011	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	16	16	ft	01MW35-16	7/7/2006	Gasoline-range organics	30	5000	330	mg/kg	CN	TRUE	TRUE	
Soil	01MW35	1256291.355	245613.8439	44.55	16	16	ft	01MW35-16	7/7/2006	Vinyl chloride			0.011	mg/kg	U	FALSE	TRUE	
Soil	01MW35	1256291.355	245613.8439	44.55	16	16	ft	01MW35-16	7/7/2006	Total DRO & ORO	2000	12000	450	mg/kg		TRUE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	16	16	ft	01MW35-16	7/7/2006	Benzene	0.02		0.0068	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	21	21	ft	01MW35-21	7/7/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	21	21	ft	01MW35-21	7/7/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	01MW35	1256291.355	245613.8439	44.55	21	21	ft	01MW35-21	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	11	11	ft	01MW36-11	7/7/2006	Gasoline-range organics	30	5000	4.6	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	11	11	ft	01MW36-11	7/7/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	11	11	ft	01MW36-11	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	15	15	ft	01MW36-15	7/7/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	15	15	ft	01MW36-15	7/7/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	15	15	ft	01MW36-15	7/7/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	21	21	ft	01MW36-21	7/7/2006	Vinyl chloride			0.0023	mg/kg	U	FALSE	TRUE	
Soil	01MW36	1256323.335	245604.7694	45.19	21	21	ft	01MW36-21	7/7/2006	Trichloroethene	0.02	1	0.0023	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	21	21	ft	01MW36-21	7/7/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	21	21	ft	01MW36-21	7/7/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW36	1256323.335	245604.7694	45.19	21	21	ft	01MW36-21	7/7/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	2.5	2.5	ft	SB-58-2.5	9/7/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	2.5	2.5	ft	SB-58-2.5	9/7/2006	Gasoline-range organics	30	5000	6	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	2.5	2.5	ft	SB-58-2.5	9/7/2006	Trichloroethene	0.02	1	0.0032	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	2.5	2.5	ft	SB-58-2.5	9/7/2006	Vinyl chloride			0.0032	mg/kg	U	FALSE	TRUE	
Soil	01MW37	1256460.684	245345.9255	48.58	2.5	2.5	ft	SB-58-2.5	9/7/2006	Benzene	0.02		0.0019	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	7.5	7.5	ft	SB-58-7.5	9/7/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	7.5	7.5	ft	SB-58-7.5	9/7/2006	Trichloroethene	0.02	1	0.0027	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	7.5	7.5	ft	SB-58-7.5	9/7/2006	Vinyl chloride			0.0027	mg/kg	U	FALSE	TRUE	
Soil	01MW37	1256460.684	245345.9255	48.58	7.5	7.5	ft	SB-58-7.5	9/7/2006	Gasoline-range organics	30	5000	6.8	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	7.5	7.5	ft	SB-58-7.5	9/7/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	12.5	12.5	ft	SB-58-12.5	9/7/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	12.5	12.5	ft	SB-58-12.5	9/7/2006	Vinyl chloride			0.0027	mg/kg	U	FALSE	TRUE	
Soil	01MW37	1256460.684	245345.9255	48.58	12.5	12.5	ft	SB-58-12.5	9/7/2006	Gasoline-range organics	30	5000	5.9	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	12.5	12.5	ft	SB-58-12.5	9/7/2006	Trichloroethene	0.02	1	0.0027	mg/kg	U	FALSE	FALSE	
Soil	01MW37	1256460.684	245345.9255	48.58	12.5	12.5	ft	SB-58-12.5	9/7/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	2.5	2.5	ft	SB-59-2.5'	9/7/2006	Benzene	0.02		0.19	mg/kg		TRUE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	2.5	2.5	ft	SB-59-2.5'	9/7/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	2.5	2.5	ft	SB-59-2.5'	9/7/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	2.5	2.5	ft	SB-59-2.5'	9/7/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	2.5	2.5	ft	SB-59-2.5'	9/7/2006	Gasoline-range organics	30	5000	940	mg/kg		TRUE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	7.5	7.5	ft	SB-59-7.5'	9/7/2006	Benzene	0.02		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	7.5	7.5	ft	SB-59-7.5'	9/7/2006	Total DRO & ORO	2000	12000	17	mg/kg		TRUE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	7.5	7.5	ft	SB-59-7.5'	9/7/2006	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	7.5	7.5	ft	SB-59-7.5'	9/7/2006	Vinyl chloride			0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	7.5	7.5	ft	SB-59-7.5'	9/7/2006	Gasoline-range organics	30	5000	79	mg/kg		TRUE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	12.5	12.5	ft	SB-59-12.5	9/7/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	12.5	12.5	ft	SB-59-12.5	9/7/2006	Gasoline-range organics	30	5000	5.2	mg/kg	U	FALSE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	12.5	12.5	ft	SB-59-12.5	9/7/2006	Vinyl chloride			0.0027	mg/kg	U	FALSE	TRUE	
Soil	01MW38	1256387.197	245312.7539	48.57	12.5	12.5	ft	SB-59-12.5	9/7/2006	Trichloroethene	0.02	1	0.0027	mg/kg	U	FALSE	FALSE	
Soil	01MW38	1256387.197	245312.7539	48.57	12.5	12.5	ft	SB-59-12.5	9/7/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	2.5	2.5	ft	SB-60-2.5	9/7/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	2.5	2.5	ft	SB-60-2.5	9/7/2006	Gasoline-range organics	30	5000	5.4	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	2.5	2.5	ft	SB-60-2.5	9/7/2006	Trichloroethene	0.02	1	0.003	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	2.5	2.5	ft	SB-60-2.5	9/7/2006	Vinyl chloride			0.003	mg/kg	U	FALSE	TRUE	
Soil	01MW39	1256213.311	245244.5565	48.79	2.5	2.5	ft	SB-60-2.5	9/7/2006	Benzene	0.02		0.0018	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	7.5	7.5	ft	SB-60-7.5	9/7/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	7.5	7.5	ft	SB-60-7.5	9/7/2006	Gasoline-range organics	30	5000	5.2	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	7.5	7.5	ft	SB-60-7.5	9/7/2006	Trichloroethene	0.02	1	0.0026	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	7.5	7.5	ft	SB-60-7.5	9/7/2006	Vinyl chloride			0.0026	mg/kg	U	FALSE	TRUE	
Soil	01MW39	1256213.311	245244.5565	48.79	7.5	7.5	ft	SB-60-7.5	9/7/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	12.5	12.5	ft	SB-60-12.5	9/7/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	01MW39	1256213.311	245244.5565	48.79	12.5	12.5	ft	SB-60-12.5	9/7/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	12.5	12.5	ft	SB-60-12.5	9/7/2006	Vinyl chloride			0.0026	mg/kg	U	FALSE	TRUE	
Soil	01MW39	1256213.311	245244.5565	48.79	12.5	12.5	ft	SB-60-12.5	9/7/2006	Trichloroethene	0.02	1	0.0026	mg/kg	U	FALSE	FALSE	
Soil	01MW39	1256213.311	245244.5565	48.79	12.5	12.5	ft	SB-60-12.5	9/7/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	2.5	2.5	ft	SB-61-2.5	9/7/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	2.5	2.5	ft	SB-61-2.5	9/7/2006	Gasoline-range organics	30	5000	5.5	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	2.5	2.5	ft	SB-61-2.5	9/7/2006	Trichloroethene	0.02	1	0.0028	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	2.5	2.5	ft	SB-61-2.5	9/7/2006	Vinyl chloride			0.0028	mg/kg	U	FALSE	TRUE	
Soil	01MW40	1256228.422	245347.1251	49.01	2.5	2.5	ft	SB-61-2.5	9/7/2006	Benzene	0.02		0.0017	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	7.5	7.5	ft	SB-61-7.5	9/7/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	7.5	7.5	ft	SB-61-7.5	9/7/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	7.5	7.5	ft	SB-61-7.5	9/7/2006	Trichloroethene	0.02	1	0.0024	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	7.5	7.5	ft	SB-61-7.5	9/7/2006	Vinyl chloride			0.0024	mg/kg	U	FALSE	TRUE	
Soil	01MW40	1256228.422	245347.1251	49.01	7.5	7.5	ft	SB-61-7.5	9/7/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	12.5	12.5	ft	SB-61-12.5	9/7/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	12.5	12.5	ft	SB-61-12.5	9/7/2006	Gasoline-range organics	30	5000	5.2	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	12.5	12.5	ft	SB-61-12.5	9/7/2006	Trichloroethene	0.02	1	0.0022	mg/kg	U	FALSE	FALSE	
Soil	01MW40	1256228.422	245347.1251	49.01	12.5	12.5	ft	SB-61-12.5	9/7/2006	Vinyl chloride			0.0022	mg/kg	U	FALSE	TRUE	
Soil	01MW40	1256228.422	245347.1251	49.01	12.5	12.5	ft	SB-61-12.5	9/7/2006	Benzene	0.02		0.0013	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	2.5	2.5	ft	SB-62-2.5	9/8/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	2.5	2.5	ft	SB-62-2.5	9/8/2006	Vinyl chloride			0.0024	mg/kg	U	FALSE	TRUE	
Soil	01MW41	1256288.875	245453.6516	53.45	2.5	2.5	ft	SB-62-2.5	9/8/2006	Trichloroethene	0.02	1	0.0024	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	2.5	2.5	ft	SB-62-2.5	9/8/2006	Gasoline-range organics	30	5000	5.6	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	2.5	2.5	ft	SB-62-2.5	9/8/2006	Benzene	0.02		0.0017	mg/kg		TRUE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	7.5	7.5	ft	SB-62-7.5	9/8/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	7.5	7.5	ft	SB-62-7.5	9/8/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	7.5	7.5	ft	SB-62-7.5	9/8/2006	Gasoline-range organics	30	5000	6.3	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	7.5	7.5	ft	SB-62-7.5	9/8/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	01MW41	1256288.875	245453.6516	53.45	7.5	7.5	ft	SB-62-7.5	9/8/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	12.5	12.5	ft	SB-62-12.5	9/8/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	12.5	12.5	ft	SB-62-12.5	9/8/2006	Trichloroethene	0.02	1	0.0028	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	12.5	12.5	ft	SB-62-12.5	9/8/2006	Gasoline-range organics	30	5000	5.7	mg/kg	U	FALSE	FALSE	
Soil	01MW41	1256288.875	245453.6516	53.45	12.5	12.5	ft	SB-62-12.5	9/8/2006	Vinyl chloride			0.0028	mg/kg	U	FALSE	TRUE	
Soil	01MW41	1256288.875	245453.6516	53.45	12.5	12.5	ft	SB-62-12.5	9/8/2006	Benzene	0.02		0.0017	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	2.5	2.5	ft	SB-63-2.5	9/8/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	2.5	2.5	ft	SB-63-2.5	9/8/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	2.5	2.5	ft	SB-63-2.5	9/8/2006	Trichloroethene	0.02	1	0.0023	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	2.5	2.5	ft	SB-63-2.5	9/8/2006	Vinyl chloride			0.0023	mg/kg	U	FALSE	TRUE	
Soil	01MW42	1256365.694	245485.9281	47.89	2.5	2.5	ft	SB-63-2.5	9/8/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	7.5	7.5	ft	SB-63-7.5	9/8/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	7.5	7.5	ft	SB-63-7.5	9/8/2006	Gasoline-range organics	30	5000	5.9	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	7.5	7.5	ft	SB-63-7.5	9/8/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	01MW42	1256365.694	245485.9281	47.89	7.5	7.5	ft	SB-63-7.5	9/8/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	7.5	7.5	ft	SB-63-7.5	9/8/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	12.5	12.5	ft	SB-63-12.5	9/8/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	12.5	12.5	ft	SB-63-12.5	9/8/2006	Gasoline-range organics	30	5000	5.9	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	12.5	12.5	ft	SB-63-12.5	9/8/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	01MW42	1256365.694	245485.9281	47.89	12.5	12.5	ft	SB-63-12.5	9/8/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	01MW42	1256365.694	245485.9281	47.89	12.5	12.5	ft	SB-63-12.5	9/8/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	2.5	2.5	ft	SB 65-2.5	9/13/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	2.5	2.5	ft	SB 65-2.5	9/13/2006	Gasoline-range organics	30	5000	5.7	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	2.5	2.5	ft	SB 65-2.5	9/13/2006	Vinyl chloride			0.0024	mg/kg	U	FALSE	TRUE	
Soil	01MW44	1255957.353	245480.3874	49.46	2.5	2.5	ft	SB 65-2.5	9/13/2006	Trichloroethene	0.02	1	0.039	mg/kg		TRUE	TRUE	
Soil	01MW44	1255957.353	245480.3874	49.46	2.5	2.5	ft	SB 65-2.5	9/13/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	22.5	22.5	ft	SB 65-22.5	9/13/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	22.5	22.5	ft	SB 65-22.5	9/13/2006	Gasoline-range organics	30	5000	6.5	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	25	25	ft	SB 65-25	9/13/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	25	25	ft	SB 65-25	9/13/2006	Gasoline-range organics	30	5000	5.9	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	25	25	ft	SB 65-25	9/13/2006	Vinyl chloride			0.0027	mg/kg	U	FALSE	TRUE	
Soil	01MW44	1255957.353	245480.3874	49.46	25	25	ft	SB 65-25	9/13/2006	Trichloroethene	0.02	1	0.0027	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	25	25	ft	SB 65-25	9/13/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	27.5	27.5	ft	SB-65-27.5	9/13/2006	Vinyl chloride			0.0023	mg/kg	U	FALSE	TRUE	
Soil	01MW44	1255957.353	245480.3874	49.46	27.5	27.5	ft	SB-65-27.5	9/13/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	27.5	27.5	ft	SB-65-27.5	9/13/2006	Trichloroethene	0.02	1	0.0023	mg/kg	U	FALSE	FALSE	
Soil	01MW44	1255957.353	245480.3874	49.46	27.5	27.5	ft	SB-65-27.5	9/13/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	2.5	2.5	ft	SB 67-2.5	9/13/2006	Total DRO & ORO	2000	12000	180	mg/kg		TRUE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	2.5	2.5	ft	SB 67-2.5	9/13/2006	Vinyl chloride			0.0026	mg/kg	U	FALSE	TRUE	
Soil	01MW46	1255896.632	245527.326	46.68	2.5	2.5	ft	SB 67-2.5	9/13/2006	Gasoline-range organics	30	5000	96	mg/kg		TRUE	TRUE	
Soil	01MW46	1255896.632	245527.326	46.68	2.5	2.5	ft	SB 67-2.5	9/13/2006	Trichloroethene	0.02	1	0.0026	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	2.5	2.5	ft	SB 67-2.5	9/13/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	22.5	22.5	ft	SB-57-22.5	9/13/2006	Total DRO & ORO	2000	12000	27	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	22.5	22.5	ft	SB-57-22.5	9/13/2006	Trichloroethene	0.02	1	0.0021	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	22.5	22.5	ft	SB-57-22.5	9/13/2006	Vinyl chloride			0.0021	mg/kg	U	FALSE	TRUE	
Soil	01MW46	1255896.632	245527.326	46.68	22.5	22.5	ft	SB-57-22.5	9/13/2006	Gasoline-range organics	30	5000	5.6	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	22.5	22.5	ft	SB-57-22.5	9/13/2006	Benzene	0.02		0.0012	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	27.5	27.5	ft	SB 67-27.5	9/13/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	27.5	27.5	ft	SB 67-27.5	9/13/2006	Trichloroethene	0.02	1	0.0028	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	27.5	27.5	ft	SB 67-27.5	9/13/2006	Vinyl chloride			0.0028	mg/kg	U	FALSE	TRUE	
Soil	01MW46	1255896.632	245527.326	46.68	27.5	27.5	ft	SB 67-27.5	9/13/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	01MW46	1255896.632	245527.326	46.68	27.5	27.5	ft	SB 67-27.5	9/13/2006	Benzene	0.02		0.0017	mg/kg	U	FALSE	FALSE	
Soil	01MW47	1256102.21	245617.9836	43.87	10	10	ft	B68-10	11/29/2006	Gasoline-range organics	30	5000	3	mg/kg		TRUE	FALSE	
Soil	01MW47	1256102.21	245617.9836	43.87	10	10	ft	B68-10	11/29/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW47	1256102.21	245617.9836	43.87	10	10	ft	B68-10	11/29/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW47	1256102.21	245617.9836	43.87	15	15	ft	B68-15	11/29/2006	Gasoline-range organics	30	5000	26	mg/kg		TRUE	FALSE	
Soil	01MW47	1256102.21	245617.9836	43.87	15	15	ft	B68-15	11/29/2006	Total DRO & ORO	2000	12000	11000	mg/kg		TRUE	TRUE	
Soil	01MW47	1256102.21	245617.9836	43.87	15	15	ft	B68-15	11/29/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW47	1256102.21	245617.9836	43.87	20	20	ft	B68-20	11/29/2006	Benzene	0.02		1.4	mg/kg		TRUE	TRUE	
Soil	01MW47	1256102.21	245617.9836	43.87	20	20	ft	B68-20	11/29/2006	Benzene	0.02		1.3	mg/kg		TRUE	TRUE	
Soil	01MW47	1256102.21	245617.9836	43.87	20	20	ft	B68-20	11/29/2006	Gasoline-range organics	30	5000	150	mg/kg		TRUE	TRUE	
Soil	01MW47	1256102.21	245617.9836	43.87	20	20	ft	B68-20	11/29/2006	Pentachlorophenol	0.05		5	mg/kg	U	FALSE	TRUE	
Soil	01MW47	1256102.21	245617.9836	43.87	20	20	ft	B68-20	11/29/2006	Total DRO & ORO	2000	12000	10000	mg/kg		TRUE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	15	15	ft	B69-15	11/30/2006	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	15	15	ft	B69-15	11/30/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	15	15	ft	B69-15	11/30/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	23	23	ft	B69-23	11/30/2006	Benzene	0.02		0.55	mg/kg		TRUE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	23	23	ft	B69-23	11/30/2006	Gasoline-range organics	30	5000	3	mg/kg		TRUE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	23	23	ft	B69-23	11/30/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	28	28	ft	B69-28	11/30/2006	Benzene	0.02		0.28	mg/kg		TRUE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	28	28	ft	B69-28	11/30/2006	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	28	28	ft	B69-28	11/30/2006	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	28	28	ft	B69-28	11/30/2006	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW48	1256198.778	245610.0044	44.72	28	28	ft	B69-28	11/30/2006	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	28	28	ft	B69-28	11/30/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	35	35	ft	B69-35	11/30/2006	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	35	35	ft	B69-35	11/30/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW48	1256198.778	245610.0044	44.72	35	35	ft	B69-35	11/30/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	10	10	ft	B70-10	12/21/2006	Gasoline-range organics	30	5000	2.5	mg/kg	U	FALSE	FALSE	
Soil	01MW49	1256270.197	245595.3421	44.93	10	10	ft	B70-10	12/21/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW49	1256270.197	245595.3421	44.93	10	10	ft	B70-10	12/21/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	13	13	ft	B70-13	12/21/2006	Gasoline-range organics	30	5000	280	mg/kg		TRUE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	13	13	ft	B70-13	12/21/2006	Pentachlorophenol	0.05		1	mg/kg	U	FALSE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	13	13	ft	B70-13	12/21/2006	Total DRO & ORO	2000	12000	6800	mg/kg		TRUE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	13	13	ft	B70-13	12/21/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	16	16	ft	B70-16	12/21/2006	Gasoline-range organics	30	5000	2.5	mg/kg	U	FALSE	FALSE	
Soil	01MW49	1256270.197	245595.3421	44.93	16	16	ft	B70-16	12/21/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW49	1256270.197	245595.3421	44.93	16	16	ft	B70-16	12/21/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	18	18	ft	B70-18	12/21/2006	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW49	1256270.197	245595.3421	44.93	33	33	ft	B70-33	12/21/2006	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	11	11	ft	B71-11	12/21/2006	Gasoline-range organics	30	5000	5	mg/kg		TRUE	FALSE	
Soil	01MW50	1256052.698	245613.705	43.48	11	11	ft	B71-11	12/21/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW50	1256052.698	245613.705	43.48	11	11	ft	B71-11	12/21/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	18	18	ft	B71-18	12/21/2006	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	18	18	ft	B71-18	12/21/2006	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	18	18	ft	B71-18	12/21/2006	Gasoline-range organics	30	5000	3.5	mg/kg		TRUE	FALSE	
Soil	01MW50	1256052.698	245613.705	43.48	18	18	ft	B71-18	12/21/2006	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	18	18	ft	B71-18	12/21/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW50	1256052.698	245613.705	43.48	18	18	ft	B71-18	12/21/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	33	33	ft	B71-33	12/21/2006	Gasoline-range organics	30	5000	2.5	mg/kg	U	FALSE	FALSE	
Soil	01MW50	1256052.698	245613.705	43.48	33	33	ft	B71-33	12/21/2006	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW50	1256052.698	245613.705	43.48	33	33	ft	B71-33	12/21/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW50	1256052.698	245613.705	43.48	33	33	ft	B71-33	12/21/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW51	1256144.731	245611.3969	45.07	16	16	ft	B72-16	12/22/2006	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	16	16	ft	B72-16	12/22/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	16	16	ft	B72-16	12/22/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	31	31	ft	B72-31	12/22/2006	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	31	31	ft	B72-31	12/22/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	31	31	ft	B72-31	12/22/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	40	40	ft	B72-40	12/22/2006	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	40	40	ft	B72-40	12/22/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW51	1256144.731	245611.3969	45.07	40	40	ft	B72-40	12/22/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW52	1255973.936	245618.0138	48.72	15	15	ft	B73-15	12/5/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW52	1255973.936	245618.0138	48.72	15	15	ft	B73-15	12/5/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW52	1255973.936	245618.0138	48.72	15	15	ft	B73-15	12/5/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	01MW52	1255973.936	245618.0138	48.72	15	15	ft	B73-15	12/5/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW52	1255973.936	245618.0138	48.72	15	15	ft	B73-15	12/5/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW52	1255973.936	245618.0138	48.72	20	20	ft	B73-20	12/5/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW52	1255973.936	245618.0138	48.72	20	20	ft	B73-20	12/5/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW52	1255973.936	245618.0138	48.72	20	20	ft	B73-20	12/5/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW52	1255973.936	245618.0138	48.72	20	20	ft	B73-20	12/5/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW52	1255973.936	245618.0138	48.72	20	20	ft	B73-20	12/5/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	15	15	ft	B75-15	12/6/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	15	15	ft	B75-15	12/6/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	15	15	ft	B75-15	12/6/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	15	15	ft	B75-15	12/6/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	15	15	ft	B75-15	12/6/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	15	15	ft	B75-15	12/6/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	20	20	ft	B75-20	12/6/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	20	20	ft	B75-20	12/6/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	20	20	ft	B75-20	12/6/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	20	20	ft	B75-20	12/6/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	20	20	ft	B75-20	12/6/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	20	20	ft	B75-20	12/6/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	35	35	ft	B75-35	12/6/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	35	35	ft	B75-35	12/6/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	35	35	ft	B75-35	12/6/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	35	35	ft	B75-35	12/6/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	35	35	ft	B75-35	12/6/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	35	35	ft	B75-35	12/6/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	40	40	ft	B75-40	12/6/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	40	40	ft	B75-40	12/6/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	40	40	ft	B75-40	12/6/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	40	40	ft	B75-40	12/6/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW53	1255901.892	245616.925	43.11	40	40	ft	B75-40	12/6/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW53	1255901.892	245616.925	43.11	40	40	ft	B75-40	12/6/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW56	1255932.013	245577.676	44.5	5	5	ft	B078-5	11/14/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW56	1255932.013	245577.676	44.5	5	5	ft	B078-5	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW56	1255932.013	245577.676	44.5	5	5	ft	B078-5	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW56	1255932.013	245577.676	44.5	5	5	ft	B078-5	11/14/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW56	1255932.013	245577.676	44.5	5	5	ft	B078-5	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW56	1255932.013	245577.676	44.5	15	15	ft	B078-15	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW56	1255932.013	245577.676	44.5	15	15	ft	B078-15	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW56	1255932.013	245577.676	44.5	15	15	ft	B078-15	11/14/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW56	1255932.013	245577.676	44.5	15	15	ft	B078-15	11/14/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW56	1255932.013	245577.676	44.5	15	15	ft	B078-15	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	5	5	ft	B079-5	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	5	5	ft	B079-5	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	5	5	ft	B079-5	11/14/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW57	1255850.997	245551.8624	55.45	5	5	ft	B079-5	11/14/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW57	1255850.997	245551.8624	55.45	5	5	ft	B079-5	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	32.5	32.5	ft	B079-32.5	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	32.5	32.5	ft	B079-32.5	11/14/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW57	1255850.997	245551.8624	55.45	32.5	32.5	ft	B079-32.5	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	32.5	32.5	ft	B079-32.5	11/14/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW57	1255850.997	245551.8624	55.45	32.5	32.5	ft	B079-32.5	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	40	40	ft	B079-40	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	40	40	ft	B079-40	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW57	1255850.997	245551.8624	55.45	40	40	ft	B079-40	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW58	1255836.755	245479.925	52	5	5	ft	B080-05	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW58	1255836.755	245479.925	52	5	5	ft	B080-05	11/14/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW58	1255836.755	245479.925	52	5	5	ft	B080-05	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW58	1255836.755	245479.925	52	5	5	ft	B080-05	11/14/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW58	1255836.755	245479.925	52	5	5	ft	B080-05	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW58	1255836.755	245479.925	52	20	20	ft	B080-20	11/14/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW58	1255836.755	245479.925	52	20	20	ft	B080-20	11/14/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW58	1255836.755	245479.925	52	20	20	ft	B080-20	11/14/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW58	1255836.755	245479.925	52	20	20	ft	B080-20	11/14/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW58	1255836.755	245479.925	52	20	20	ft	B080-20	11/14/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW59	1256070.393	245507.691	46.49	10	10	ft	B082-10	11/17/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW59	1256070.393	245507.691	46.49	10	10	ft	B082-10	11/17/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW59	1256070.393	245507.691	46.49	15	15	ft	B082-15	11/17/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW59	1256070.393	245507.691	46.49	15	15	ft	B082-15	11/17/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW59	1256070.393	245507.691	46.49	15	15	ft	B082-15	11/17/2008	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW60	1255949.81	245372.301	58.01	5	5	ft	B083-05	12/29/2008	Gasoline-range organics	30	5000	240	mg/kg		TRUE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	5	5	ft	B083-05	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	5	5	ft	B083-05	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	5	5	ft	B083-05	12/29/2008	Total DRO & ORO	2000	12000	2900	mg/kg		TRUE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	5	5	ft	B083-05	12/29/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	7.5	7.5	ft	B083-07.5	12/29/2008	Benzene	0.02		0.61	mg/kg		TRUE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	7.5	7.5	ft	B083-07.5	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	7.5	7.5	ft	B083-07.5	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	7.5	7.5	ft	B083-07.5	12/29/2008	Gasoline-range organics	30	5000	1600	mg/kg		TRUE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	7.5	7.5	ft	B083-07.5	12/29/2008	Total DRO & ORO	2000	12000	3200	mg/kg		TRUE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	15	15	ft	B083-15	12/29/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW60	1255949.81	245372.301	58.01	15	15	ft	B083-15	12/29/2008	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW60	1255949.81	245372.301	58.01	37.5	37.5	ft	B083-37.5	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW60	1255949.81	245372.301	58.01	37.5	37.5	ft	B083-37.5	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	5	5	ft	B084-05	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	5	5	ft	B084-05	12/29/2008	Gasoline-range organics	30	5000	30	mg/kg		TRUE	FALSE	
Soil	01MW61	1256004.415	245342.8037	63.34	5	5	ft	B084-05	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	5	5	ft	B084-05	12/29/2008	Total DRO & ORO	2000	12000	220	mg/kg		TRUE	FALSE	
Soil	01MW61	1256004.415	245342.8037	63.34	5	5	ft	B084-05	12/29/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	7.5	7.5	ft	B084-07.5	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	7.5	7.5	ft	B084-07.5	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	7.5	7.5	ft	B084-07.5	12/29/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW61	1256004.415	245342.8037	63.34	7.5	7.5	ft	B084-07.5	12/29/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW61	1256004.415	245342.8037	63.34	7.5	7.5	ft	B084-07.5	12/29/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	27.5	27.5	ft	B084-27.5	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW61	1256004.415	245342.8037	63.34	27.5	27.5	ft	B084-27.5	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW62	1255917.14	245383.818	58.54	37.5	37.5	ft	B085-37.5	12/30/2008	Trichloroethene	0.02	1	0.1	mg/kg		TRUE	TRUE	
Soil	01MW62	1255917.14	245383.818	58.54	37.5	37.5	ft	B085-37.5	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW63	1255965.916	245438.418	54.38	5	5	ft	B086-05	12/30/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW63	1255965.916	245438.418	54.38	5	5	ft	B086-05	12/30/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW63	1255965.916	245438.418	54.38	5	5	ft	B086-05	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW63	1255965.916	245438.418	54.38	18	17.5	ft	B086-17.5	12/30/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW63	1255965.916	245438.418	54.38	18	17.5	ft	B086-17.5	12/30/2008	Gasoline-range organics	30	5000	22	mg/kg		TRUE	FALSE	
Soil	01MW63	1255965.916	245438.418	54.38	18	17.5	ft	B086-17.5	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW63	1255965.916	245438.418	54.38	32.5	32.5	ft	B086-32.5	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW63	1255965.916	245438.418	54.38	32.5	32.5	ft	B086-32.5	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW65	1255960.026	245458.6813	50.42	40	40	ft	B103-40	3/17/2009	Trichloroethene	0.02	1	0.18	mg/kg		TRUE	TRUE	
Soil	01MW65	1255960.026	245458.6813	50.42	40	40	ft	B103-40	3/17/2009	Vinyl chloride			0.02	mg/kg	U	FALSE	TRUE	
Soil	01MW65	1255960.026	245458.6813	50.42	40	40	ft	B103-40	3/17/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW66	1256188.076	245431.3828	47.33	2.5	2.5	ft	B117-02.5	7/23/2009	Gasoline-range organics	30	5000	17	mg/kg		TRUE	FALSE	
Soil	01MW66	1256188.076	245431.3828	47.33	2.5	2.5	ft	B117-02.5	7/23/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW66	1256188.076	245431.3828	47.33	2.5	2.5	ft	B117-02.5	7/23/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW66	1256188.076	245431.3828	47.33	12.5	12.5	ft	B117-12.5	8/3/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW66	1256188.076	245431.3828	47.33	12.5	12.5	ft	B117-12.5	8/3/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW66	1256188.076	245431.3828	47.33	12.5	12.5	ft	B117-12.5	8/3/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW67	1256184.972	245466.3028	44.4	1	1	ft	B118-01	7/23/2009	Benzene	0.02		0.2	mg/kg	U	FALSE	TRUE	
Soil	01MW67	1256184.972	245466.3028	44.4	1	1	ft	B118-01	7/23/2009	Gasoline-range organics	30	5000	450	mg/kg		TRUE	TRUE	
Soil	01MW67	1256184.972	245466.3028	44.4	1	1	ft	B118-01	7/23/2009	Total DRO & ORO	2000	12000	12000	mg/kg		TRUE	TRUE	
Soil	01MW67	1256184.972	245466.3028	44.4	11	11	ft	B118-11	7/23/2009	Gasoline-range organics	30	5000	7	mg/kg		TRUE	FALSE	
Soil	01MW67	1256184.972	245466.3028	44.4	11	11	ft	B118-11	7/23/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW67	1256184.972	245466.3028	44.4	11	11	ft	B118-11	7/23/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW69	1256185.719	245487.2367	44.14	13	13	ft	B120-13	7/24/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW69	1256185.719	245487.2367	44.14	13	13	ft	B120-13	7/24/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW69	1256185.719	245487.2367	44.14	13	13	ft	B120-13	7/24/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW73	1256320.566	245365.1006	60.72	5.5	5.5	ft	B168-05.5	3/10/2010	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW73	1256320.566	245365.1006	60.72	10	10	ft	B168-10	3/10/2010	Benzene	0.02		0.12	mg/kg		TRUE	TRUE	
Soil	01MW73	1256320.566	245365.1006	60.72	10	10	ft	B168-10	3/10/2010	Gasoline-range organics	30	5000	3	mg/kg		TRUE	FALSE	
Soil	01MW73	1256320.566	245365.1006	60.72	10	10	ft	B168-10	3/10/2010	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW74	1256325.492	245411.6302	46.17	5.5	5.5	ft	B169-05.5	3/10/2010	Benzene	0.02		12	mg/kg		TRUE	TRUE	
Soil	01MW74	1256325.492	245411.6302	46.17	5.5	5.5	ft	B169-05.5	3/10/2010	Gasoline-range organics	30	5000	2600	mg/kg		TRUE	TRUE	
Soil	01MW74	1256325.492	245411.6302	46.17	5.5	5.5	ft	B169-05.5	3/10/2010	Total DRO & ORO	2000	12000	2300	mg/kg		TRUE	TRUE	
Soil	01MW74	1256325.492	245411.6302	46.17	10.5	10.5	ft	B169-10.5	3/10/2010	Benzene	0.02		3.9	mg/kg		TRUE	TRUE	
Soil	01MW74	1256325.492	245411.6302	46.17	10.5	10.5	ft	B169-10.5	3/10/2010	Gasoline-range organics	30	5000	200	mg/kg		TRUE	TRUE	
Soil	01MW74	1256325.492	245411.6302	46.17	10.5	10.5	ft	B169-10.5	3/10/2010	Total DRO & ORO	2000	12000	2700	mg/kg		TRUE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	5	5	ft	B171-05	2/28/2011	Trichloroethene	0.02	1	0.065	mg/kg		TRUE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	5	5	ft	B171-05	2/28/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	10	10	ft	B171-10	2/28/2011	Trichloroethene	0.02	1	0.6	mg/kg		TRUE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	10	10	ft	B171-10	2/28/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	15	15	ft	B171-15	2/28/2011	Trichloroethene	0.02	1	0.1	mg/kg		TRUE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	15	15	ft	B171-15	2/28/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	17.5	17.5	ft	B171-17.5	2/28/2011	Trichloroethene	0.02	1	0.19	mg/kg		TRUE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	17.5	17.5	ft	B171-17.5	2/28/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW76	1255978.228	245547.499	45.79	22.5	22.5	ft	B171-22.5	2/28/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW76	1255978.228	245547.499	45.79	22.5	22.5	ft	B171-22.5	2/28/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	01MW76	1255978.228	245547.499	45.79	22.5	22.5	ft	B171-22.5	2/28/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	2.5	2.5	ft	B174-02.5	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	2.5	2.5	ft	B174-02.5	3/3/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	2.5	2.5	ft	B174-02.5	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	2.5	2.5	ft	B174-02.5	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	2.5	2.5	ft	B174-02.5	3/3/2011	Benzene	0.02		0.027	mg/kg		TRUE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	7.5	7.5	ft	B174-07.5	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	7.5	7.5	ft	B174-07.5	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	7.5	7.5	ft	B174-07.5	3/3/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	7.5	7.5	ft	B174-07.5	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	7.5	7.5	ft	B174-07.5	3/3/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	10.5	10.5	ft	B174-10.5	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	10.5	10.5	ft	B174-10.5	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	10.5	10.5	ft	B174-10.5	3/3/2011	Trichloroethene	0.02	1	0.13	mg/kg		TRUE	TRUE	
Soil	01MW79	1255967.126	245441.612	54.36	10.5	10.5	ft	B174-10.5	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW79	1255967.126	245441.612	54.36	10.5	10.5	ft	B174-10.5	3/3/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW80	1255875.687	245567.7545	44.83	2.5	2.5	ft	B188-02.5	4/18/2011	Gasoline-range organics	30	5000	95	mg/kg		TRUE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	2.5	2.5	ft	B188-02.5	4/18/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	2.5	2.5	ft	B188-02.5	4/18/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	2.5	2.5	ft	B188-02.5	4/18/2011	Total DRO & ORO	2000	12000	2300	mg/kg		TRUE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	2.5	2.5	ft	B188-02.5	4/18/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW80	1255875.687	245567.7545	44.83	7.5	7.5	ft	B188-07.5	4/18/2011	Gasoline-range organics	30	5000	260	mg/kg		TRUE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	7.5	7.5	ft	B188-07.5	4/18/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	7.5	7.5	ft	B188-07.5	4/18/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	7.5	7.5	ft	B188-07.5	4/18/2011	Total DRO & ORO	2000	12000	2300	mg/kg		TRUE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	7.5	7.5	ft	B188-07.5	4/18/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW80	1255875.687	245567.7545	44.83	12.5	12.5	ft	B188-12.5	4/18/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	12.5	12.5	ft	B188-12.5	4/18/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW80	1255875.687	245567.7545	44.83	12.5	12.5	ft	B188-12.5	4/18/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW80	1255875.687	245567.7545	44.83	12.5	12.5	ft	B188-12.5	4/18/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW80	1255875.687	245567.7545	44.83	12.5	12.5	ft	B188-12.5	4/18/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW81	1255845.944	245546.9024	44	12.5	12.5	ft	B189-12.5	4/18/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW81	1255845.944	245546.9024	44	12.5	12.5	ft	B189-12.5	4/18/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW81	1255845.944	245546.9024	44	12.5	12.5	ft	B189-12.5	4/18/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW81	1255845.944	245546.9024	44	12.5	12.5	ft	B189-12.5	4/18/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW81	1255845.944	245546.9024	44	12.5	12.5	ft	B189-12.5	4/18/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW83	1255960.423	245662.7601	44	5	5	ft	B191-05	4/19/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW83	1255960.423	245662.7601	44	5	5	ft	B191-05	4/19/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW83	1255960.423	245662.7601	44	5	5	ft	B191-05	4/19/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW83	1255960.423	245662.7601	44	5	5	ft	B191-05	4/19/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW83	1255960.423	245662.7601	44	5	5	ft	B191-05	4/19/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW83	1255960.423	245662.7601	44	12.5	12.5	ft	B191-12.5	4/19/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW83	1255960.423	245662.7601	44	12.5	12.5	ft	B191-12.5	4/19/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW83	1255960.423	245662.7601	44	12.5	12.5	ft	B191-12.5	4/19/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW83	1255960.423	245662.7601	44	12.5	12.5	ft	B191-12.5	4/19/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW83	1255960.423	245662.7601	44	12.5	12.5	ft	B191-12.5	4/19/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	7.5	7.5	ft	B192-7.5	4/19/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	7.5	7.5	ft	B192-7.5	4/19/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	7.5	7.5	ft	B192-7.5	4/19/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	15	15	ft	B192-15	4/19/2011	Gasoline-range organics	30	5000	5.4	mg/kg		TRUE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	15	15	ft	B192-15	4/19/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	15	15	ft	B192-15	4/19/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	17.5	17.5	ft	B192-17.5	4/19/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW84	1256118.399	245649.143	43.62	17.5	17.5	ft	B192-17.5	4/19/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	2.5	2.5	ft	B193-02.5	4/20/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW85	1255842.524	245604.574	44.05	2.5	2.5	ft	B193-02.5	4/20/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW85	1255842.524	245604.574	44.05	2.5	2.5	ft	B193-02.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	2.5	2.5	ft	B193-02.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	2.5	2.5	ft	B193-02.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	7.5	7.5	ft	B193-07.5	4/20/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW85	1255842.524	245604.574	44.05	7.5	7.5	ft	B193-07.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	7.5	7.5	ft	B193-07.5	4/20/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW85	1255842.524	245604.574	44.05	7.5	7.5	ft	B193-07.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	7.5	7.5	ft	B193-07.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	12.5	12.5	ft	B193-12.5	4/20/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW85	1255842.524	245604.574	44.05	12.5	12.5	ft	B193-12.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	12.5	12.5	ft	B193-12.5	4/20/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW85	1255842.524	245604.574	44.05	12.5	12.5	ft	B193-12.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW85	1255842.524	245604.574	44.05	12.5	12.5	ft	B193-12.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	7.5	7.5	ft	B194-07.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	7.5	7.5	ft	B194-07.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	7.5	7.5	ft	B194-07.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	10	10	ft	B194-10	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	10	10	ft	B194-10	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	10	10	ft	B194-10	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	17.5	17.5	ft	B194-17.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	17.5	17.5	ft	B194-17.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW86	1256215.03	245604.156	44.8	17.5	17.5	ft	B194-17.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	7.5	7.5	ft	B195-07.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	7.5	7.5	ft	B195-07.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	7.5	7.5	ft	B195-07.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	10	10	ft	B195-10	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	10	10	ft	B195-10	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	10	10	ft	B195-10	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	17.5	17.5	ft	B195-17.5	4/20/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	17.5	17.5	ft	B195-17.5	4/20/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW87	1256308.361	245582.453	45.27	17.5	17.5	ft	B195-17.5	4/20/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	7.5	7.5	ft	B196-07.5	4/21/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	7.5	7.5	ft	B196-07.5	4/21/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	7.5	7.5	ft	B196-07.5	4/21/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	10	10	ft	B196-10	4/21/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	10	10	ft	B196-10	4/21/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	10	10	ft	B196-10	4/21/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	15	15	ft	B196-15	4/21/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	15	15	ft	B196-15	4/21/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW88	1256316.027	245622.796	45.1	15	15	ft	B196-15	4/21/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	2.5	2.5	ft	B197-02.5	4/21/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW89	1255966.372	245605.873	43.26	2.5	2.5	ft	B197-02.5	4/21/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW89	1255966.372	245605.873	43.26	2.5	2.5	ft	B197-02.5	4/21/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	2.5	2.5	ft	B197-02.5	4/21/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	2.5	2.5	ft	B197-02.5	4/21/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	7.5	7.5	ft	B197-07.5	4/21/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	7.5	7.5	ft	B197-07.5	4/21/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW89	1255966.372	245605.873	43.26	7.5	7.5	ft	B197-07.5	4/21/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW89	1255966.372	245605.873	43.26	7.5	7.5	ft	B197-07.5	4/21/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	7.5	7.5	ft	B197-07.5	4/21/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	12.5	12.5	ft	B197-12.5	4/21/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW89	1255966.372	245605.873	43.26	12.5	12.5	ft	B197-12.5	4/21/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	12.5	12.5	ft	B197-12.5	4/21/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW89	1255966.372	245605.873	43.26	12.5	12.5	ft	B197-12.5	4/21/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW89	1255966.372	245605.873	43.26	12.5	12.5	ft	B197-12.5	4/21/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW90	1256261.678	245301.854	46.66	7.5	7.5	ft	B198-07.5	12/29/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW90	1256261.678	245301.854	46.66	7.5	7.5	ft	B198-07.5	12/29/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW90	1256261.678	245301.854	46.66	7.5	7.5	ft	B198-07.5	12/29/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW91	1256304.501	245333.0298	46	5	5	ft	B199-05	12/29/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW91	1256304.501	245333.0298	46	5	5	ft	B199-05	12/29/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW91	1256304.501	245333.0298	46	5	5	ft	B199-05	12/29/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW91	1256304.501	245333.0298	46	7.5	7.5	ft	B199-07.5	12/29/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW91	1256304.501	245333.0298	46	7.5	7.5	ft	B199-07.5	12/29/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW91	1256304.501	245333.0298	46	7.5	7.5	ft	B199-07.5	12/29/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	2.5	2.5	ft	B258-02.5	8/16/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	2.5	2.5	ft	B258-02.5	8/16/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	2.5	2.5	ft	B258-02.5	8/16/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	5	5	ft	B258-05	8/16/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	5	5	ft	B258-05	8/16/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	5	5	ft	B258-05	8/16/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	10	10	ft	B258-10	8/16/2012	Trichloroethene	0.02	1	0.05	mg/kg		TRUE	TRUE	
Soil	01MW92	1255896.93	245377.8	58.47	10	10	ft	B258-10	8/16/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	10	10	ft	B258-10	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW92	1255896.93	245377.8	58.47	10	10	ft	B258-10	8/16/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	10	10	ft	B258-10	8/16/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW92	1255896.93	245377.8	58.47	12.5	12.5	ft	B258-12.5	8/16/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW92	1255896.93	245377.8	58.47	12.5	12.5	ft	B258-12.5	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	2.5	2.5	ft	B259-02.5	8/16/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	2.5	2.5	ft	B259-02.5	8/16/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	2.5	2.5	ft	B259-02.5	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	2.5	2.5	ft	B259-02.5	8/16/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	2.5	2.5	ft	B259-02.5	8/16/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	5	5	ft	B259-05	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	5	5	ft	B259-05	8/16/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	7.5	7.5	ft	B259-07.5	8/16/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	7.5	7.5	ft	B259-07.5	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	7.5	7.5	ft	B259-07.5	8/16/2012	Trichloroethene	0.02	1	0.18	mg/kg		TRUE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	01MW93	1255899.8	245355.28	58.92	7.5	7.5	ft	B259-07.5	8/16/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	7.5	7.5	ft	B259-07.5	8/16/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	17.5	17.5	ft	B259-17.5	8/16/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	17.5	17.5	ft	B259-17.5	8/16/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	17.5	17.5	ft	B259-17.5	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	17.5	17.5	ft	B259-17.5	8/16/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	17.5	17.5	ft	B259-17.5	8/16/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW93	1255899.8	245355.28	58.92	22.5	22.5	ft	B259-22.5	8/16/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW93	1255899.8	245355.28	58.92	22.5	22.5	ft	B259-22.5	8/16/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	2.5	2.5	ft	B260-02.5	8/17/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	2.5	2.5	ft	B260-02.5	8/17/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	2.5	2.5	ft	B260-02.5	8/17/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	2.5	2.5	ft	B260-02.5	8/17/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	2.5	2.5	ft	B260-02.5	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	12.5	12.5	ft	B260-12.5	8/17/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	12.5	12.5	ft	B260-12.5	8/17/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	12.5	12.5	ft	B260-12.5	8/17/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	12.5	12.5	ft	B260-12.5	8/17/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	12.5	12.5	ft	B260-12.5	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	17.5	17.5	ft	B260-17.5	8/17/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	17.5	17.5	ft	B260-17.5	8/17/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	17.5	17.5	ft	B260-17.5	8/17/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW94	1255853.66	245383.26	58.5	17.5	17.5	ft	B260-17.5	8/17/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW94	1255853.66	245383.26	58.5	17.5	17.5	ft	B260-17.5	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	0.5	0.5	ft	B261-0.5	8/17/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	0.5	0.5	ft	B261-0.5	8/17/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	0.5	0.5	ft	B261-0.5	8/17/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	0.5	0.5	ft	B261-0.5	8/17/2012	Total DRO & ORO	2000	12000	140	mg/kg		TRUE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	0.5	0.5	ft	B261-0.5	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	2.5	2.5	ft	B261-02.5	8/17/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	2.5	2.5	ft	B261-02.5	8/17/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	2.5	2.5	ft	B261-02.5	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	5	5	ft	B261-05	8/17/2012	Gasoline-range organics	30	5000	240	mg/kg		TRUE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	5	5	ft	B261-05	8/17/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	5	5	ft	B261-05	8/17/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	5	5	ft	B261-05	8/17/2012	Total DRO & ORO	2000	12000	3000	mg/kg		TRUE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	5	5	ft	B261-05	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	7.5	7.5	ft	B261-07.5	8/17/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	7.5	7.5	ft	B261-07.5	8/17/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW95	1255935.88	245328.62	59.29	7.5	7.5	ft	B261-07.5	8/17/2012	Gasoline-range organics	30	5000	8.7	mg/kg		TRUE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	7.5	7.5	ft	B261-07.5	8/17/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW95	1255935.88	245328.62	59.29	7.5	7.5	ft	B261-07.5	8/17/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	2.5	2.5	ft	B264-02.5	5/7/2013	Gasoline-range organics	30	5000	30	mg/kg		TRUE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	2.5	2.5	ft	B264-02.5	5/7/2013	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW96	1255926.837	245358.5419	59.51	2.5	2.5	ft	B264-02.5	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW96	1255926.837	245358.5419	59.51	2.5	2.5	ft	B264-02.5	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	2.5	2.5	ft	B264-02.5	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	7.5	7.5	ft	B264-07.5	5/7/2013	Gasoline-range organics	30	5000	16	mg/kg		TRUE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	7.5	7.5	ft	B264-07.5	5/7/2013	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW96	1255926.837	245358.5419	59.51	7.5	7.5	ft	B264-07.5	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW96	1255926.837	245358.5419	59.51	7.5	7.5	ft	B264-07.5	5/7/2013	Total DRO & ORO	2000	12000	68	mg/kg		TRUE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	7.5	7.5	ft	B264-07.5	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	10	10	ft	B264-10	5/7/2013	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW96	1255926.837	245358.5419	59.51	10	10	ft	B264-10	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW96	1255926.837	245358.5419	59.51	10	10	ft	B264-10	5/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	10	10	ft	B264-10	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW96	1255926.837	245358.5419	59.51	10	10	ft	B264-10	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	3	3	ft	B265-03	5/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	3	3	ft	B265-03	5/7/2013	Trichloroethene	0.02	1	0.098	mg/kg		TRUE	TRUE	
Soil	01MW97	1255903.379	245357.9307	58.73	3	3	ft	B265-03	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW97	1255903.379	245357.9307	58.73	3	3	ft	B265-03	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	3	3	ft	B265-03	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	6	6	ft	B265-06	5/7/2013	Trichloroethene	0.02	1	0.12	mg/kg		TRUE	TRUE	
Soil	01MW97	1255903.379	245357.9307	58.73	6	6	ft	B265-06	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW97	1255903.379	245357.9307	58.73	6	6	ft	B265-06	5/7/2013	Gasoline-range organics	30	5000	2.2	mg/kg		TRUE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	6	6	ft	B265-06	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	11	11	ft	B265-11	5/7/2013	Gasoline-range organics	30	5000	3.2	mg/kg		TRUE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	11	11	ft	B265-11	5/7/2013	Trichloroethene	0.02	1	7.9	mg/kg		TRUE	TRUE	EXCEED
Soil	01MW97	1255903.379	245357.9307	58.73	11	11	ft	B265-11	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW97	1255903.379	245357.9307	58.73	11	11	ft	B265-11	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	11	11	ft	B265-11	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW97	1255903.379	245357.9307	58.73	16	16	ft	B265-16	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW97	1255903.379	245357.9307	58.73	16	16	ft	B265-16	5/7/2013	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	3.5	3.5	ft	B266-03.5	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	3.5	3.5	ft	B266-03.5	5/7/2013	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	3.5	3.5	ft	B266-03.5	5/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	3.5	3.5	ft	B266-03.5	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	3.5	3.5	ft	B266-03.5	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	6	6	ft	B266-06	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	6	6	ft	B266-06	5/7/2013	Trichloroethene	0.02	1	0.55	mg/kg		TRUE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	6	6	ft	B266-06	5/7/2013	Gasoline-range organics	30	5000	130	mg/kg		TRUE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	6	6	ft	B266-06	5/7/2013	Total DRO & ORO	2000	12000	5200	mg/kg		TRUE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	6	6	ft	B266-06	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	8	8	ft	B266-08	5/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	8	8	ft	B266-08	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	8	8	ft	B266-08	5/7/2013	Trichloroethene	0.02	1	0.12	mg/kg		TRUE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	8	8	ft	B266-08	5/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	8	8	ft	B266-08	5/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW98	1255866.286	245395.5794	57.73	16	16	ft	B266-16	5/7/2013	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	01MW98	1255866.286	245395.5794	57.73	16	16	ft	B266-16	5/7/2013	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	01MW99	1256477.15	245145.81	66.01	2.5	2.5	ft	B357-02.5	3/25/2015	Arsenic	7.3		1	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	7.5	7.5	ft	B357-07.5	3/25/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW99	1256477.15	245145.81	66.01	7.5	7.5	ft	B357-07.5	3/25/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	7.5	7.5	ft	B357-07.5	3/25/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	7.5	7.5	ft	B357-07.5	3/25/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	17.5	17.5	ft	B357-17.5	3/25/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	17.5	17.5	ft	B357-17.5	3/25/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW99	1256477.15	245145.81	66.01	17.5	17.5	ft	B357-17.5	3/25/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	17.5	17.5	ft	B357-17.5	3/25/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	25	25	ft	B357-25	3/25/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	25	25	ft	B357-25	3/25/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	01MW99	1256477.15	245145.81	66.01	25	25	ft	B357-25	3/25/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	01MW99	1256477.15	245145.81	66.01	25	25	ft	B357-25	3/25/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	5	5	ft	02MW01-05	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW01	1255988.017	245786.5263	27.63	5	5	ft	02MW01-05	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	5	5	ft	02MW01-05	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	10	10	ft	02MW01-10	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW01	1255988.017	245786.5263	27.63	10	10	ft	02MW01-10	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	10	10	ft	02MW01-10	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	15	15	ft	02MW01-15	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW01	1255988.017	245786.5263	27.63	15	15	ft	02MW01-15	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	15	15	ft	02MW01-15	9/13/1999	Total DRO & ORO	2000	12000	38	mg/kg		TRUE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	19	19	ft	02MW01-19	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW01	1255988.017	245786.5263	27.63	19	19	ft	02MW01-19	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW01	1255988.017	245786.5263	27.63	19	19	ft	02MW01-19	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	5	5	ft	02MW04-05	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW04	1256092.163	245795.9394	27.07	5	5	ft	02MW04-05	9/13/1999	Gasoline-range organics	30	5000	6.9	mg/kg		TRUE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	5	5	ft	02MW04-05	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	10	10	ft	02MW04-10	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW04	1256092.163	245795.9394	27.07	10	10	ft	02MW04-10	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	10	10	ft	02MW04-10	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	15	15	ft	02MW04-15	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW04	1256092.163	245795.9394	27.07	15	15	ft	02MW04-15	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	15	15	ft	02MW04-15	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	19	19	ft	02MW04-19	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW04	1256092.163	245795.9394	27.07	19	19	ft	02MW04-19	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW04	1256092.163	245795.9394	27.07	19	19	ft	02MW04-19	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	5	5	ft	02MW05-05	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW05	1256069.36	245707.09	36.45	5	5	ft	02MW05-05	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	5	5	ft	02MW05-05	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	10	10	ft	02MW05-10	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW05	1256069.36	245707.09	36.45	10	10	ft	02MW05-10	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	10	10	ft	02MW05-10	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	15	15	ft	02MW05-15	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW05	1256069.36	245707.09	36.45	15	15	ft	02MW05-15	9/13/1999	Total DRO & ORO	2000	12000	47	mg/kg		TRUE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	15	15	ft	02MW05-15	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	20	20	ft	02MW05-20	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW05	1256069.36	245707.09	36.45	20	20	ft	02MW05-20	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	20	20	ft	02MW05-20	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	25	25	ft	02MW05-25	9/13/1999	Benzene	0.02		0.22	mg/kg		TRUE	TRUE	
Soil	02MW05	1256069.36	245707.09	36.45	25	25	ft	02MW05-25	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	25	25	ft	02MW05-25	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	30	30	ft	02MW05-30	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	02MW05	1256069.36	245707.09	36.45	30	30	ft	02MW05-30	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	30	30	ft	02MW05-30	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	34	34	ft	02MW05-34	9/13/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW05	1256069.36	245707.09	36.45	34	34	ft	02MW05-34	9/13/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02MW05	1256069.36	245707.09	36.45	34	34	ft	02MW05-34	9/13/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	5	5	ft	B02-5	4/21/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	5	5	ft	B02-5	4/21/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	5	5	ft	B02-5	4/21/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	7.5	7.5	ft	B02-7.5	4/21/2006	Benzene	0.02		0.021	mg/kg	U	FALSE	TRUE	
Soil	02MW08	1256061.189	245670.653	39.62	7.5	7.5	ft	B02-7.5	4/21/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	16.5	16.5	ft	B02-16.5	4/21/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	16.5	16.5	ft	B02-16.5	4/21/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	16.5	16.5	ft	B98-16.5	4/21/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	16.5	16.5	ft	B02-16.5	4/21/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW08	1256061.189	245670.653	39.62	16.5	16.5	ft	B98-16.5	4/21/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	4	4	ft	GP21-04.0	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	4	4	ft	GP21-04.0	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	4	4	ft	GP21-04.0	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	10	10	ft	GP21-10	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	10	10	ft	GP21-10	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	10	10	ft	GP21-10	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	13	13	ft	GP21-13	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	13	13	ft	GP21-13	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW09	1256011.958	245752.5772	34.51	13	13	ft	GP21-13	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW10	1256146.868	245696.6016	38.75	4.5	4.5	ft	GP23-04.5	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW10	1256146.868	245696.6016	38.75	4.5	4.5	ft	GP23-04.5	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW10	1256146.868	245696.6016	38.75	4.5	4.5	ft	GP23-04.5	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW10	1256146.868	245696.6016	38.75	7.5	7.5	ft	GP23-07.5	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW10	1256146.868	245696.6016	38.75	7.5	7.5	ft	GP23-07.5	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW10	1256146.868	245696.6016	38.75	7.5	7.5	ft	GP23-07.5	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02MW13	1255941.275	245703.72	38.69	5	5	ft	B74-05	12/5/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	5	5	ft	B74-05	12/5/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	5	5	ft	B74-05	12/5/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	5	5	ft	B74-05	12/5/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW13	1255941.275	245703.72	38.69	5	5	ft	B74-05	12/5/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW13	1255941.275	245703.72	38.69	10	10	ft	B74-10	12/5/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	10	10	ft	B74-10	12/5/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW13	1255941.275	245703.72	38.69	10	10	ft	B74-10	12/5/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	10	10	ft	B74-10	12/5/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	10	10	ft	B74-10	12/5/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW13	1255941.275	245703.72	38.69	12.5	12.5	ft	B74-12.5	12/5/2007	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	12.5	12.5	ft	B74-12.5	12/5/2007	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	12.5	12.5	ft	B74-12.5	12/5/2007	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW13	1255941.275	245703.72	38.69	12.5	12.5	ft	B74-12.5	12/5/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW13	1255941.275	245703.72	38.69	12.5	12.5	ft	B74-12.5	12/5/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW14	1255817.678	245715.3161	41.33	5	5	ft	B081-05	11/17/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW14	1255817.678	245715.3161	41.33	5	5	ft	B081-05	11/17/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW14	1255817.678	245715.3161	41.33	5	5	ft	B081-05	11/17/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW14	1255817.678	245715.3161	41.33	5	5	ft	B081-05	11/17/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW14	1255817.678	245715.3161	41.33	5	5	ft	B081-05	11/17/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW14	1255817.678	245715.3161	41.33	15	15	ft	B081-15	11/17/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW14	1255817.678	245715.3161	41.33	15	15	ft	B081-15	11/17/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	02MW14	1255817.678	245715.3161	41.33	15	15	ft	B081-15	11/17/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	02MW14	1255817.678	245715.3161	41.33	15	15	ft	B081-15	11/17/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	02MW14	1255817.678	245715.3161	41.33	15	15	ft	B081-15	11/17/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW22	1256116.778	245848.1533	19.48	3.5	4	ft	02MW22-3.5-4	4/25/2019	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02MW22	1256116.778	245848.1533	19.48	3.5	4	ft	02MW22-3.5-4	4/25/2019	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	02MW22	1256116.778	245848.1533	19.48	3.5	4	ft	02MW22-3.5-4	4/25/2019	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	3.5	3.5	ft	02SB-01-03.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB01	1256049.291	245759.3015	NM	3.5	3.5	ft	02SB-01-03.5	6/7/1999	Total DRO & ORO	2000	12000	1900	mg/kg		TRUE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	3.5	3.5	ft	02SB-01-03.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	6	6	ft	02SB-01-06	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB01	1256049.291	245759.3015	NM	6	6	ft	02SB-01-06	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	6	6	ft	02SB-01-06	6/7/1999	Total DRO & ORO	2000	12000	1000	mg/kg		TRUE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	8	8	ft	02SB-01-08	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB01	1256049.291	245759.3015	NM	8	8	ft	02SB-01-08	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	8	8	ft	02SB-01-08	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	10.5	10.5	ft	02SB-01-10.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB01	1256049.291	245759.3015	NM	10.5	10.5	ft	02SB-01-10.5	6/7/1999	Total DRO & ORO	2000	12000	31	mg/kg		TRUE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	10.5	10.5	ft	02SB-01-10.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	12.5	12.5	ft	02SB-01-12.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB01	1256049.291	245759.3015	NM	12.5	12.5	ft	02SB-01-12.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB01	1256049.291	245759.3015	NM	12.5	12.5	ft	02SB-01-12.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	3.5	3.5	ft	02SB-02-03.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB02	1256060.966	245784.6606	NM	3.5	3.5	ft	02SB-02-03.5	6/7/1999	Total DRO & ORO	2000	12000	57	mg/kg		TRUE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	3.5	3.5	ft	02SB-02-03.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	8.5	8.5	ft	02SB-02-08.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB02	1256060.966	245784.6606	NM	8.5	8.5	ft	02SB-02-08.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	8.5	8.5	ft	02SB-02-08.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	13.5	13.5	ft	02SB-02-13.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB02	1256060.966	245784.6606	NM	13.5	13.5	ft	02SB-02-13.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	13.5	13.5	ft	02SB-02-13.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	15	15	ft	02SB-02-15	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB02	1256060.966	245784.6606	NM	15	15	ft	02SB-02-15	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB02	1256060.966	245784.6606	NM	15	15	ft	02SB-02-15	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	5.5	5.5	ft	02SB-03-05.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB03	1256023.158	245793.5981	NM	5.5	5.5	ft	02SB-03-05.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	5.5	5.5	ft	02SB-03-05.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	11	11	ft	02SB-03-11	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB03	1256023.158	245793.5981	NM	11	11	ft	02SB-03-11	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	11	11	ft	02SB-03-11	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	16	16	ft	02SB-03-16	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB03	1256023.158	245793.5981	NM	16	16	ft	02SB-03-16	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	16	16	ft	02SB-03-16	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	20	20	ft	02SB-03-20	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB03	1256023.158	245793.5981	NM	20	20	ft	02SB-03-20	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB03	1256023.158	245793.5981	NM	20	20	ft	02SB-03-20	6/7/1999	Total DRO & ORO	2000	12000	50	mg/kg		TRUE	FALSE	
Soil	02SB04	1256048.332	245808.7023	NM	10.5	10.5	ft	02SB-04-10.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB04	1256048.332	245808.7023	NM	10.5	10.5	ft	02SB-04-10.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB04	1256048.332	245808.7023	NM	10.5	10.5	ft	02SB-04-10.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB04	1256048.332	245808.7023	NM	15	15	ft	02SB-04-15	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB04	1256048.332	245808.7023	NM	15	15	ft	02SB-04-15	6/7/1999	Total DRO & ORO	2000	12000	78	mg/kg		TRUE	FALSE	
Soil	02SB04	1256048.332	245808.7023	NM	15	15	ft	02SB-04-15	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB06	1256003.02	245824.6745	NM	5.5	5.5	ft	02SB-06-05.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB06	1256003.02	245824.6745	NM	5.5	5.5	ft	02SB-06-05.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB06	1256003.02	245824.6745	NM	5.5	5.5	ft	02SB-06-05.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB06	1256003.02	245824.6745	NM	10.5	10.5	ft	02SB-06-10.5	6/7/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB06	1256003.02	245824.6745	NM	10.5	10.5	ft	02SB-06-10.5	6/7/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB06	1256003.02	245824.6745	NM	10.5	10.5	ft	02SB-06-10.5	6/7/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	6	6	ft	02SB-09-06	6/11/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB09	1256051.678	245751.272	NM	6	6	ft	02SB-09-06	6/11/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	6	6	ft	02SB-09-06	6/11/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	10	10	ft	02SB-09-10	6/11/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB09	1256051.678	245751.272	NM	10	10	ft	02SB-09-10	6/11/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	10	10	ft	02SB-09-10	6/11/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	15.5	15.5	ft	02SB-09-15.5	6/11/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB09	1256051.678	245751.272	NM	15.5	15.5	ft	02SB-09-15.5	6/11/1999	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	15.5	15.5	ft	02SB-09-15.5	6/11/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	20.5	20.5	ft	02SB-09-20.5	6/11/1999	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	02SB09	1256051.678	245751.272	NM	20.5	20.5	ft	02SB-09-20.5	6/11/1999	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	02SB09	1256051.678	245751.272	NM	20.5	20.5	ft	02SB-09-20.5	6/11/1999	Total DRO & ORO	2000	12000	11	mg/kg		TRUE	FALSE	
Soil	B07	1255807.259	245507.3993	NM	1.5	1.5	ft	B07-1.5	4/21/2006	Trichloroethene	0.02	1	0.0021	mg/kg	U	FALSE	FALSE	
Soil	B07	1255807.259	245507.3993	NM	1.5	1.5	ft	B07-1.5	4/21/2006	Vinyl chloride			0.0021	mg/kg	U	FALSE	TRUE	
Soil	B07	1255807.259	245507.3993	NM	1.5	1.5	ft	B07-1.5	4/21/2006	Arsenic	7.3		3.6	mg/kg		TRUE	FALSE	
Soil	B07	1255807.259	245507.3993	NM	1.5	1.5	ft	B07-1.5	4/21/2006	Gasoline-range organics	30	5000	140	mg/kg	CN	TRUE	TRUE	
Soil	B07	1255807.259	245507.3993	NM	1.5	1.5	ft	B07-1.5	4/21/2006	Total DRO & ORO	2000	12000	1300	mg/kg		TRUE	FALSE	
Soil	B07	1255807.259	245507.3993	NM	1.5	1.5	ft	B07-1.5	4/21/2006	Benzene	0.02		0.0013	mg/kg	U	FALSE	FALSE	
Soil	B07	1255807.259	245507.3993	NM	3	3	ft	B07-3	4/21/2006	Gasoline-range organics	30	5000	57	mg/kg	CN	TRUE	TRUE	
Soil	B07	1255807.259	245507.3993	NM	3	3	ft	B07-3	4/21/2006	Benzene	0.02		0.016	mg/kg	U	FALSE	FALSE	
Soil	B100	1255967.31	245395.7468	NM	0	0.5	ft	B100-0.5	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B100	1255967.31	245395.7468	NM	0	0.5	ft	B100-0.5	12/30/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B100	1255967.31	245395.7468	NM	0	0.5	ft	B100-0.5	12/30/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B100	1255967.31	245395.7468	NM	0	0.5	ft	B100-0.5	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B100	1255967.31	245395.7468	NM	0	0.5	ft	B100-0.5	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B100	1255967.31	245395.7468	NM	3	3	ft	B100-03	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B100	1255967.31	245395.7468	NM	3	3	ft	B100-03	12/30/2008	Total DRO & ORO	2000	12000	610	mg/kg		TRUE	FALSE	
Soil	B100	1255967.31	245395.7468	NM	3	3	ft	B100-03	12/30/2008	Gasoline-range organics	30	5000	96	mg/kg		TRUE	TRUE	
Soil	B100	1255967.31	245395.7468	NM	3	3	ft	B100-03	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B100	1255967.31	245395.7468	NM	3	3	ft	B100-03	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B101	1256009.628	245508.2468	NM	2	2	ft	B101-02	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B101	1256009.628	245508.2468	NM	2	2	ft	B101-02	12/30/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B101	1256009.628	245508.2468	NM	2	2	ft	B101-02	12/30/2008	Gasoline-range organics	30	5000	10	mg/kg		TRUE	FALSE	
Soil	B101	1256009.628	245508.2468	NM	2	2	ft	B101-02	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	B101	1256009.628	245508.2468	NM	2	2	ft	B101-02	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B101	1256009.628	245508.2468	NM	10	10	ft	B101-10	12/30/2008	Trichloroethene	0.02	1	0.31	mg/kg		TRUE	TRUE	
Soil	B101	1256009.628	245508.2468	NM	10	10	ft	B101-10	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B101	1256009.628	245508.2468	NM	14	14	ft	B101-14	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B101	1256009.628	245508.2468	NM	14	14	ft	B101-14	12/30/2008	Trichloroethene	0.02	1	0.14	mg/kg		TRUE	TRUE	
Soil	B116	1255836.259	245437.1638	NM	3	3	ft	B116-03	3/18/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B116	1255836.259	245437.1638	NM	3	3	ft	B116-03	3/18/2009	Vinyl chloride			0.02	mg/kg	U	FALSE	TRUE	
Soil	B116	1255836.259	245437.1638	NM	3	3	ft	B116-03	3/18/2009	Trichloroethene	0.02	1	0.21	mg/kg		TRUE	TRUE	
Soil	B116	1255836.259	245437.1638	NM	3	3	ft	B116-03	3/18/2009	Total DRO & ORO	2000	12000	4100	mg/kg		TRUE	TRUE	
Soil	B116	1255836.259	245437.1638	NM	3	3	ft	B116-03	3/18/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B116	1255836.259	245437.1638	NM	3	3	ft	B116-03	3/18/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B116	1255836.259	245437.1638	NM	7	7	ft	B116-07	3/18/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B116	1255836.259	245437.1638	NM	16	16	ft	B116-16	3/18/2009	Vinyl chloride			0.02	mg/kg	U	FALSE	TRUE	
Soil	B116	1255836.259	245437.1638	NM	16	16	ft	B116-16	3/18/2009	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B116	1255836.259	245437.1638	NM	16	16	ft	B116-16	3/18/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B121	1256261.391	245412.3808	NM	4.5	4.5	ft	B121-04.5	12/28/2009	Pentachlorophenol	0.05		0.2	mg/kg	U	FALSE	TRUE	
Soil	B121	1256261.391	245412.3808	NM	4.5	4.5	ft	B121-04.5	12/28/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B121	1256261.391	245412.3808	NM	4.5	4.5	ft	B121-04.5	12/28/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B121	1256261.391	245412.3808	NM	4.5	4.5	ft	B121-04.5	12/28/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B121	1256261.391	245412.3808	NM	7.5	7.5	ft	B121-07.5	12/28/2009	Pentachlorophenol	0.05		0.2	mg/kg	U	FALSE	TRUE	
Soil	B124	1256440.58	245437.6283	NM	2.5	2.5	ft	B124-02.5	12/28/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B124	1256440.58	245437.6283	NM	2.5	2.5	ft	B124-02.5	12/28/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B124	1256440.58	245437.6283	NM	2.5	2.5	ft	B124-02.5	12/28/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B124	1256440.58	245437.6283	NM	4.5	4.5	ft	B124-04.5	12/28/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B124	1256440.58	245437.6283	NM	4.5	4.5	ft	B124-04.5	12/28/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B124	1256440.58	245437.6283	NM	4.5	4.5	ft	B124-04.5	12/28/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B125	1256542.619	245211.5474	NM	4.5	4.5	ft	B125-04.5	12/28/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B125	1256542.619	245211.5474	NM	4.5	4.5	ft	B125-04.5	12/28/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B125	1256542.619	245211.5474	NM	4.5	4.5	ft	B125-04.5	12/28/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B126	1256160.849	245293.108	NM	2.5	2.5	ft	B126-02.5	12/28/2009	Benzene	0.02		0.1	mg/kg		TRUE	TRUE	
Soil	B126	1256160.849	245293.108	NM	2.5	2.5	ft	B126-02.5	12/28/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B126	1256160.849	245293.108	NM	2.5	2.5	ft	B126-02.5	12/28/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B126	1256160.849	245293.108	NM	4.5	4.5	ft	B126-04.5	12/28/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B126	1256160.849	245293.108	NM	4.5	4.5	ft	B126-04.5	12/28/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B126	1256160.849	245293.108	NM	4.5	4.5	ft	B126-04.5	12/28/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B129	1256197.327	245432.6287	NM	2.5	2.5	ft	B129-02.5	12/29/2009	Benzene	0.02		0.2	mg/kg	U	FALSE	TRUE	
Soil	B129	1256197.327	245432.6287	NM	2.5	2.5	ft	B129-02.5	12/29/2009	Gasoline-range organics	30	5000	230	mg/kg		TRUE	TRUE	
Soil	B129	1256197.327	245432.6287	NM	2.5	2.5	ft	B129-02.5	12/29/2009	Total DRO & ORO	2000	12000	3000	mg/kg		TRUE	TRUE	
Soil	B129	1256197.327	245432.6287	NM	5	5	ft	B129-05	12/29/2009	Gasoline-range organics	30	5000	35	mg/kg		TRUE	TRUE	
Soil	B129	1256197.327	245432.6287	NM	5	5	ft	B129-05	12/29/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B129	1256197.327	245432.6287	NM	5	5	ft	B129-05	12/29/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B129	1256197.327	245432.6287	NM	9.5	9.5	ft	B129-09.5	12/29/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B129	1256197.327	245432.6287	NM	9.5	9.5	ft	B129-09.5	12/29/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B129	1256197.327	245432.6287	NM	9.5	9.5	ft	B129-09.5	12/29/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B130	1256074.307	245506.9025	NM	7.5	7.5	ft	B130-07.5	12/29/2009	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B130	1256074.307	245506.9025	NM	7.5	7.5	ft	B130-07.5	12/29/2009	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B130	1256074.307	245506.9025	NM	7.5	7.5	ft	B130-07.5	12/29/2009	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B131	1255963.935	245460.9442	NM	10	10	ft	B131-10	12/29/2009	Trichloroethene	0.02	1	0.23	mg/kg		TRUE	TRUE	
Soil	B131	1255963.935	245460.9442	NM	10	10	ft	B131-10	12/29/2009	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B131	1255963.935	245460.9442	NM	14.5	15	ft	B131-14.5-15	3/30/2010	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B131	1255963.935	245460.9442	NM	14.5	15	ft	B131-14.5-15	3/30/2010	Trichloroethene	0.02	1	0.5	mg/kg		TRUE	TRUE	
Soil	B131	1255963.935	245460.9442	NM	15	15.5	ft	B131-15-15.5	3/30/2010	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B131	1255963.935	245460.9442	NM	15	15.5	ft	B131-15-15.5	3/30/2010	Trichloroethene	0.02	1	0.66	mg/kg		TRUE	TRUE	
Soil	B140	1256285.513	245457.9114	NM	0.5	0.5	ft	B140-0.5	3/1/2010	Pentachlorophenol	0.05		0.2	mg/kg	U	FALSE	TRUE	
Soil	B140	1256285.513	245457.9114	NM	2.5	2.5	ft	B140-02.5	3/1/2010	Pentachlorophenol	0.05		0.2	mg/kg	U	FALSE	TRUE	
Soil	B140	1256285.513	245457.9114	NM	4.1	4.1	ft	B140-04.5	3/1/2010	Pentachlorophenol	0.05		0.2	mg/kg	U	FALSE	TRUE	
Soil	B150	1256244.865	245381.3899	NM	4.5	4.5	ft	B150-04.5	3/1/2010	Pentachlorophenol	0.05		0.2	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	2.5	2.5	ft	B175-02.5	3/3/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	2.5	2.5	ft	B175-02.5	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	2.5	2.5	ft	B175-02.5	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	2.5	2.5	ft	B175-02.5	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	2.5	2.5	ft	B175-02.5	3/3/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	7.5	7.5	ft	B175-07.5	3/3/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	7.5	7.5	ft	B175-07.5	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	7.5	7.5	ft	B175-07.5	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	7.5	7.5	ft	B175-07.5	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	7.5	7.5	ft	B175-07.5	3/3/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	11	11	ft	B175-11	3/3/2011	Trichloroethene	0.02	1	0.72	mg/kg		TRUE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	11	11	ft	B175-11	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	11	11	ft	B175-11	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	11	11	ft	B175-11	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	11	11	ft	B175-11	3/3/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	15	15	ft	B175-15	3/3/2011	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	15	15	ft	B175-15	3/3/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	15	15	ft	B175-15	3/3/2011	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B175	1255889.318	245448.0755	NM	15	15	ft	B175-15	3/3/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B175	1255889.318	245448.0755	NM	15	15	ft	B175-15	3/3/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B176	1255889.318	245448.0755	NM	2.5	2.5	ft	B176-02.5	3/25/2011	Gasoline-range organics	30	5000	200	mg/kg		TRUE	TRUE	
Soil	B176	1255889.318	245448.0755	NM	2.5	2.5	ft	B176-02.5	3/25/2011	Total DRO & ORO	2000	12000	2800	mg/kg		TRUE	TRUE	
Soil	B176	1255889.318	245448.0755	NM	2.5	2.5	ft	B176-02.5	3/25/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B177	1256246.439	245346.1387	NM	2.5	2.5	ft	B177-02.5	3/25/2011	Gasoline-range organics	30	5000	4.9	mg/kg		TRUE	FALSE	
Soil	B177	1256246.439	245346.1387	NM	2.5	2.5	ft	B177-02.5	3/25/2011	Total DRO & ORO	2000	12000	610	mg/kg		TRUE	FALSE	
Soil	B177	1256246.439	245346.1387	NM	2.5	2.5	ft	B177-02.5	3/25/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B180	1256305.917	245418.3764	NM	4.5	4.5	ft	B180-04.5	3/25/2011	Benzene	0.02		0.5	mg/kg		TRUE	TRUE	
Soil	B180	1256305.917	245418.3764	NM	4.5	4.5	ft	B180-04.5	3/25/2011	Gasoline-range organics	30	5000	1300	mg/kg		TRUE	TRUE	
Soil	B180	1256305.917	245418.3764	NM	4.5	4.5	ft	B180-04.5	3/25/2011	Total DRO & ORO	2000	12000	810	mg/kg		TRUE	FALSE	
Soil	B181	1256326.08	245430.2602	NM	2.5	2.5	ft	B181-02.5	3/25/2011	Benzene	0.02		40	mg/kg		TRUE	TRUE	
Soil	B181	1256326.08	245430.2602	NM	2.5	2.5	ft	B181-02.5	3/25/2011	Gasoline-range organics	30	5000	2800	mg/kg		TRUE	TRUE	
Soil	B181	1256326.08	245430.2602	NM	2.5	2.5	ft	B181-02.5	3/25/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B184	1256249.032	245380.0474	NM	6	6	ft	B184-06	4/14/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B184	1256249.032	245380.0474	NM	6	6	ft	B184-06	4/14/2011	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B184	1256249.032	245380.0474	NM	6	6	ft	B184-06	4/14/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	5	5	ft	B226-05	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B226	1256047.297	245775.6441	NM	5	5	ft	B226-05	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	5	5	ft	B226-05	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B226	1256047.297	245775.6441	NM	5	5	ft	B226-05	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	5	5	ft	B226-05	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	7.5	7.5	ft	B226-07.5	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B226	1256047.297	245775.6441	NM	7.5	7.5	ft	B226-07.5	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B226	1256047.297	245775.6441	NM	7.5	7.5	ft	B226-07.5	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	7.5	7.5	ft	B226-07.5	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	7.5	7.5	ft	B226-07.5	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	10	10	ft	B226-10	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	10	10	ft	B226-10	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B226	1256047.297	245775.6441	NM	10	10	ft	B226-10	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B226	1256047.297	245775.6441	NM	10	10	ft	B226-10	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B226	1256047.297	245775.6441	NM	10	10	ft	B226-10	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B227	1256079.175	245738.6573	NM	5	5	ft	B227-05	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B227	1256079.175	245738.6573	NM	5	5	ft	B227-05	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B227	1256079.175	245738.6573	NM	5	5	ft	B227-05	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B227	1256079.175	245738.6573	NM	5	5	ft	B227-05	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B227	1256079.175	245738.6573	NM	5	5	ft	B227-05	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B227	1256079.175	245738.6573	NM	10	10	ft	B227-10	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B227	1256079.175	245738.6573	NM	10	10	ft	B227-10	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B227	1256079.175	245738.6573	NM	10	10	ft	B227-10	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B227	1256079.175	245738.6573	NM	10	10	ft	B227-10	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B227	1256079.175	245738.6573	NM	10	10	ft	B227-10	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B229	1256119.191	245816.4458	NM	5	5	ft	B229-05	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B229	1256119.191	245816.4458	NM	5	5	ft	B229-05	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B229	1256119.191	245816.4458	NM	5	5	ft	B229-05	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B229	1256119.191	245816.4458	NM	5	5	ft	B229-05	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B229	1256119.191	245816.4458	NM	5	5	ft	B229-05	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B230	1256142.936	245835.4422	NM	2.5	2.5	ft	B230-02.5	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B230	1256142.936	245835.4422	NM	2.5	2.5	ft	B230-02.5	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B230	1256142.936	245835.4422	NM	2.5	2.5	ft	B230-02.5	4/30/2012	Gasoline-range organics	30	5000	4.6	mg/kg		TRUE	FALSE	
Soil	B230	1256142.936	245835.4422	NM	2.5	2.5	ft	B230-02.5	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B230	1256142.936	245835.4422	NM	2.5	2.5	ft	B230-02.5	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B230	1256142.936	245835.4422	NM	5	5	ft	B230-05	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B230	1256142.936	245835.4422	NM	5	5	ft	B230-05	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B230	1256142.936	245835.4422	NM	5	5	ft	B230-05	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B230	1256142.936	245835.4422	NM	5	5	ft	B230-05	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B230	1256142.936	245835.4422	NM	5	5	ft	B230-05	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B231	1256121.962	245854.4431	NM	5	5	ft	B231-05	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B231	1256121.962	245854.4431	NM	5	5	ft	B231-05	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B231	1256121.962	245854.4431	NM	5	5	ft	B231-05	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B231	1256121.962	245854.4431	NM	5	5	ft	B231-05	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B231	1256121.962	245854.4431	NM	5	5	ft	B231-05	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B233	1256119.128	245806.4652	NM	5	5	ft	B233-05	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B233	1256119.128	245806.4652	NM	5	5	ft	B233-05	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B233	1256119.128	245806.4652	NM	5	5	ft	B233-05	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B233	1256119.128	245806.4652	NM	5	5	ft	B233-05	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B233	1256119.128	245806.4652	NM	5	5	ft	B233-05	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B233	1256119.128	245806.4652	NM	10	10	ft	B233-10	4/30/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	B233	1256119.128	245806.4652	NM	10	10	ft	B233-10	4/30/2012	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B233	1256119.128	245806.4652	NM	10	10	ft	B233-10	4/30/2012	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B233	1256119.128	245806.4652	NM	10	10	ft	B233-10	4/30/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B233	1256119.128	245806.4652	NM	10	10	ft	B233-10	4/30/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B267	1256089.6	245874.8278	NM	2.5	2.5	ft	B267-02.5	10/1/2013	Benzene	0.02		0.039	mg/kg		TRUE	TRUE	
Soil	B267	1256089.6	245874.8278	NM	2.5	2.5	ft	B267-02.5	10/1/2013	Gasoline-range organics	30	5000	23	mg/kg		TRUE	FALSE	
Soil	B267	1256089.6	245874.8278	NM	2.5	2.5	ft	B267-02.5	10/1/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B268	1256104.568	245874.3176	NM	2.5	2.5	ft	B268-02.5	10/1/2013	Gasoline-range organics	30	5000	11	mg/kg		TRUE	FALSE	
Soil	B268	1256104.568	245874.3176	NM	2.5	2.5	ft	B268-02.5	10/1/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B268	1256104.568	245874.3176	NM	2.5	2.5	ft	B268-02.5	10/1/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B269	1256119.536	245874.8278	NM	2.5	2.5	ft	B269-02.5	10/1/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B269	1256119.536	245874.8278	NM	2.5	2.5	ft	B269-02.5	10/1/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B269	1256119.536	245874.8278	NM	2.5	2.5	ft	B269-02.5	10/1/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B270	1256134.675	245875.168	NM	2.5	2.5	ft	B270-02.5	10/1/2013	Gasoline-range organics	30	5000	43	mg/kg		TRUE	TRUE	
Soil	B270	1256134.675	245875.168	NM	2.5	2.5	ft	B270-02.5	10/1/2013	Total DRO & ORO	2000	12000	1900	mg/kg		TRUE	FALSE	
Soil	B270	1256134.675	245875.168	NM	2.5	2.5	ft	B270-02.5	10/1/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B271	1256149.643	245872.9568	NM	3.5	3.5	ft	B271-03.5	10/1/2013	Gasoline-range organics	30	5000	5.1	mg/kg		TRUE	FALSE	
Soil	B271	1256149.643	245872.9568	NM	3.5	3.5	ft	B271-03.5	10/1/2013	Total DRO & ORO	2000	12000	1500	mg/kg		TRUE	FALSE	
Soil	B271	1256149.643	245872.9568	NM	3.5	3.5	ft	B271-03.5	10/1/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B273	1256149.643	245855.4373	NM	3.5	3.5	ft	B273-03.5	10/3/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B273	1256149.643	245855.4373	NM	3.5	3.5	ft	B273-03.5	10/3/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B273	1256149.643	245855.4373	NM	3.5	3.5	ft	B273-03.5	10/3/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B279	1256116.305	245708.3078	NM	8.5	8.5	ft	B279-08.5	10/16/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B279	1256116.305	245708.3078	NM	8.5	8.5	ft	B279-08.5	10/16/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B279	1256116.305	245708.3078	NM	8.5	8.5	ft	B279-08.5	10/16/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B282	1256027.857	245856.1177	NM	9.5	9.5	ft	B282-09.5	10/18/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B282	1256027.857	245856.1177	NM	9.5	9.5	ft	B282-09.5	10/18/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B282	1256027.857	245856.1177	NM	9.5	9.5	ft	B282-09.5	10/18/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B298	1256128.041	245727.188	NM	3.5	3.5	ft	B298-03.5	10/22/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B298	1256128.041	245727.188	NM	3.5	3.5	ft	B298-03.5	10/22/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B298	1256128.041	245727.188	NM	3.5	3.5	ft	B298-03.5	10/22/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B298	1256128.041	245727.188	NM	6	6	ft	B298-06	10/22/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B298	1256128.041	245727.188	NM	6	6	ft	B298-06	10/22/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B298	1256128.041	245727.188	NM	6	6	ft	B298-06	10/22/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B305	1256111.882	245791.6529	NM	5	5	ft	B305-05	10/23/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B305	1256111.882	245791.6529	NM	5	5	ft	B305-05	10/23/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B305	1256111.882	245791.6529	NM	5	5	ft	B305-05	10/23/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B306	1256106.269	245783.6585	NM	5.5	5.5	ft	B306-05.5	10/23/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B306	1256106.269	245783.6585	NM	5.5	5.5	ft	B306-05.5	10/23/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B306	1256106.269	245783.6585	NM	5.5	5.5	ft	B306-05.5	10/23/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B307	1256127.701	245762.9073	NM	5	5	ft	B307-05	10/23/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B307	1256127.701	245762.9073	NM	5	5	ft	B307-05	10/23/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B307	1256127.701	245762.9073	NM	5	5	ft	B307-05	10/23/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B309	1256127.531	245783.3184	NM	4.5	4.5	ft	B309-04.5	10/23/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B309	1256127.531	245783.3184	NM	4.5	4.5	ft	B309-04.5	10/23/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B309	1256127.531	245783.3184	NM	4.5	4.5	ft	B309-04.5	10/23/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B311	1256144.71	245716.132	NM	4	4	ft	B311-04	11/4/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B311	1256144.71	245716.132	NM	4	4	ft	B311-04	11/4/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B311	1256144.71	245716.132	NM	4	4	ft	B311-04	11/4/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B311	1256144.71	245716.132	NM	5	5	ft	B311-05	11/4/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B311	1256144.71	245716.132	NM	5	5	ft	B311-05	11/4/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B311	1256144.71	245716.132	NM	5	5	ft	B311-05	11/4/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B312	1256133.484	245715.1115	NM	3	3	ft	B312-03	11/4/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B312	1256133.484	245715.1115	NM	3	3	ft	B312-03	11/4/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B312	1256133.484	245715.1115	NM	3	3	ft	B312-03	11/4/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B312	1256133.484	245715.1115	NM	5	5	ft	B312-05	11/4/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B312	1256133.484	245715.1115	NM	5	5	ft	B312-05	11/4/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B312	1256133.484	245715.1115	NM	5	5	ft	B312-05	11/4/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B313	1256108.48	245706.4368	NM	11	11	ft	B313-11	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B313	1256108.48	245706.4368	NM	11	11	ft	B313-11	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B313	1256108.48	245706.4368	NM	11	11	ft	B313-11	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B313	1256108.48	245706.4368	NM	17	17	ft	B313-17	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B313	1256108.48	245706.4368	NM	17	17	ft	B313-17	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B313	1256108.48	245706.4368	NM	17	17	ft	B313-17	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B314	1256101.677	245722.0852	NM	15	15	ft	B314-15	11/6/2013	Benzene	0.02		0.084	mg/kg		TRUE	TRUE	
Soil	B314	1256101.677	245722.0852	NM	15	15	ft	B314-15	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B314	1256101.677	245722.0852	NM	15	15	ft	B314-15	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B315	1256096.064	245731.9506	NM	12.5	12.5	ft	B315-12.5	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B315	1256096.064	245731.9506	NM	12.5	12.5	ft	B315-12.5	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B315	1256096.064	245731.9506	NM	12.5	12.5	ft	B315-12.5	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B315	1256096.064	245731.9506	NM	15	15	ft	B315-15	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B315	1256096.064	245731.9506	NM	15	15	ft	B315-15	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B315	1256096.064	245731.9506	NM	15	15	ft	B315-15	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B316	1256102.357	245704.0555	NM	14	14	ft	B316-14	11/6/2013	Gasoline-range organics	30	5000	8.4	mg/kg		TRUE	FALSE	
Soil	B316	1256102.357	245704.0555	NM	14	14	ft	B316-14	11/6/2013	Total DRO & ORO	2000	12000	330	mg/kg		TRUE	FALSE	
Soil	B316	1256102.357	245704.0555	NM	14	14	ft	B316-14	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B317	1256088.92	245719.0236	NM	15	15	ft	B317-15	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B317	1256088.92	245719.0236	NM	15	15	ft	B317-15	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B317	1256088.92	245719.0236	NM	15	15	ft	B317-15	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B319	1256137.906	245729.9095	NM	3.5	3.5	ft	B319-03.5	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B319	1256137.906	245729.9095	NM	3.5	3.5	ft	B319-03.5	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B319	1256137.906	245729.9095	NM	3.5	3.5	ft	B319-03.5	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B319	1256137.906	245729.9095	NM	6	6	ft	B319-06	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B319	1256137.906	245729.9095	NM	6	6	ft	B319-06	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B319	1256137.906	245729.9095	NM	6	6	ft	B319-06	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B320	1256137.906	245738.5842	NM	3.5	3.5	ft	B320-03.5	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B320	1256137.906	245738.5842	NM	3.5	3.5	ft	B320-03.5	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B320	1256137.906	245738.5842	NM	3.5	3.5	ft	B320-03.5	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B320	1256137.906	245738.5842	NM	6	6	ft	B320-06	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B320	1256137.906	245738.5842	NM	6	6	ft	B320-06	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B320	1256137.906	245738.5842	NM	6	6	ft	B320-06	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B321	1256138.076	245749.8102	NM	3.5	3.5	ft	B321-03.5	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B321	1256138.076	245749.8102	NM	3.5	3.5	ft	B321-03.5	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B321	1256138.076	245749.8102	NM	3.5	3.5	ft	B321-03.5	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B321	1256138.076	245749.8102	NM	6	6	ft	B321-06	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B321	1256138.076	245749.8102	NM	6	6	ft	B321-06	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B321	1256138.076	245749.8102	NM	6	6	ft	B321-06	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B322	1256144.71	245751.0009	NM	4	4	ft	B322-04	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B322	1256144.71	245751.0009	NM	4	4	ft	B322-04	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B322	1256144.71	245751.0009	NM	4	4	ft	B322-04	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B322	1256144.71	245751.0009	NM	6	6	ft	B322-06	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B322	1256144.71	245751.0009	NM	6	6	ft	B322-06	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B322	1256144.71	245751.0009	NM	6	6	ft	B322-06	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B323	1256144.71	245739.4346	NM	4	4	ft	B323-04	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B323	1256144.71	245739.4346	NM	4	4	ft	B323-04	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B323	1256144.71	245739.4346	NM	4	4	ft	B323-04	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B323	1256144.71	245739.4346	NM	6	6	ft	B323-06	11/6/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B323	1256144.71	245739.4346	NM	6	6	ft	B323-06	11/6/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B323	1256144.71	245739.4346	NM	6	6	ft	B323-06	11/6/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B327	1256198.421	245465.1079	NM	9	9	ft	B327-37	5/20/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B328	1256198.492	245474.0709	NM	9	9	ft	B328-37	5/20/2014	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B328	1256198.492	245474.0709	NM	9	9	ft	B328-37	5/20/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B328	1256198.492	245474.0709	NM	9	9	ft	B328-37	5/20/2014	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B328	1256198.492	245474.0709	NM	9	9	ft	B328-37	5/20/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B328	1256198.492	245474.0709	NM	12	12	ft	B328-34	5/20/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B329	1256199.655	245485.1255	NM	5	5	ft	B329-41	5/20/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B329	1256199.655	245485.1255	NM	12	12	ft	B329-34	5/20/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B329	1256199.655	245485.1255	NM	14	14	ft	B329-32	5/20/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B330	1256231.072	245398.2354	NM	1	1	ft	B330-45	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B330	1256231.072	245398.2354	NM	1	1	ft	B330-45	5/21/2014	Gasoline-range organics	30	5000	51	mg/kg		TRUE	TRUE	
Soil	B330	1256231.072	245398.2354	NM	1	1	ft	B330-45	5/21/2014	Total DRO & ORO	2000	12000	14000	mg/kg		TRUE	TRUE	EXCEED
Soil	B330	1256231.072	245398.2354	NM	1	1	ft	B330-45	5/21/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B330	1256231.072	245398.2354	NM	3	3	ft	B330-43	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B330	1256231.072	245398.2354	NM	3	3	ft	B330-43	5/21/2014	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B330	1256231.072	245398.2354	NM	3	3	ft	B330-43	5/21/2014	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B330	1256231.072	245398.2354	NM	3	3	ft	B330-43	5/21/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B331	1256212.415	245445.2523	NM	9.5	9.5	ft	B331-36.5	5/21/2014	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B331	1256212.415	245445.2523	NM	9.5	9.5	ft	B331-36.5	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B331	1256212.415	245445.2523	NM	9.5	9.5	ft	B331-36.5	5/21/2014	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B331	1256212.415	245445.2523	NM	9.5	9.5	ft	B331-36.5	5/21/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B331	1256212.415	245445.2523	NM	14	14	ft	B331-32	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	3	3	ft	B332-43	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	3	3	ft	B332-43	5/21/2014	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	3	3	ft	B332-43	5/21/2014	Total DRO & ORO	2000	12000	330	mg/kg		TRUE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	3	3	ft	B332-43	5/21/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	5	5	ft	B332-41	5/21/2014	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	5	5	ft	B332-41	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	5	5	ft	B332-41	5/21/2014	Total DRO & ORO	2000	12000	300	mg/kg		TRUE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	5	5	ft	B332-41	5/21/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	9.5	9.5	ft	B333-36.5	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	14	14	ft	B332-32	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B332	1256198.971	245446.5665	NM	14	14	ft	B333-32	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B334	1256204.279	245454.7061	NM	7	7	ft	B334-39	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	B334	1256204.279	245454.7061	NM	14	14	ft	B334-32	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B335	1256208.052	245463.478	NM	3	3	ft	B335-43	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B335	1256208.052	245463.478	NM	3	3	ft	B335-43	5/21/2014	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B335	1256208.052	245463.478	NM	3	3	ft	B335-43	5/21/2014	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B335	1256208.052	245463.478	NM	3	3	ft	B335-43	5/21/2014	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B335	1256208.052	245463.478	NM	5	5	ft	B335-41	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B335	1256208.052	245463.478	NM	9	9	ft	B335-37	5/21/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B341	1256245.436	245497.388	NM	7	7	ft	B341-39	5/22/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B341	1256245.436	245497.388	NM	9	9	ft	B341-37	5/22/2014	Benzene	0.02		6.7	mg/kg		TRUE	TRUE	
Soil	B341	1256245.436	245497.388	NM	9	9	ft	B341-37	5/22/2014	Pentachlorophenol	0.05		0.33	mg/kg		TRUE	TRUE	
Soil	B341	1256245.436	245497.388	NM	9	9	ft	B341-37	5/22/2014	Gasoline-range organics	30	5000	2800	mg/kg		TRUE	TRUE	
Soil	B341	1256245.436	245497.388	NM	9	9	ft	B341-37	5/22/2014	Total DRO & ORO	2000	12000	2900	mg/kg		TRUE	TRUE	
Soil	B341	1256245.436	245497.388	NM	12	12	ft	B341-34	5/22/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B341	1256245.436	245497.388	NM	14	14	ft	B341-32	5/22/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B345	1256248.073	245508.124	NM	7	7	ft	B345-39	5/23/2014	Benzene	0.02		8.1	mg/kg		TRUE	TRUE	
Soil	B345	1256248.073	245508.124	NM	7	7	ft	B345-39	5/23/2014	Gasoline-range organics	30	5000	1500	mg/kg		TRUE	TRUE	
Soil	B345	1256248.073	245508.124	NM	7	7	ft	B345-39	5/23/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B345	1256248.073	245508.124	NM	7	7	ft	B345-39	5/23/2014	Total DRO & ORO	2000	12000	4900	mg/kg		TRUE	TRUE	
Soil	B345	1256248.073	245508.124	NM	9	9	ft	B345-37	5/23/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B345	1256248.073	245508.124	NM	12	12	ft	B345-34	5/23/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B349	1256242.93	245407.725	NM	7	7	ft	B349-39	5/27/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B350	1256242.979	245398.362	NM	7	7	ft	B350-39	5/27/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B350	1256242.979	245398.362	NM	12	12	ft	B350-34	5/27/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B351	1256244.197	245387.831	NM	3	3	ft	B351-43	5/27/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B351	1256244.197	245387.831	NM	3	3	ft	B351-43	5/27/2014	Gasoline-range organics	30	5000	390	mg/kg		TRUE	TRUE	
Soil	B351	1256244.197	245387.831	NM	3	3	ft	B351-43	5/27/2014	Total DRO & ORO	2000	12000	440	mg/kg		TRUE	FALSE	
Soil	B351	1256244.197	245387.831	NM	3	3	ft	B351-43	5/27/2014	Benzene	0.02		0.02	mg/kg	UJ	FALSE	FALSE	
Soil	B351	1256244.197	245387.831	NM	5	5	ft	B351-41	5/27/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B354	1256238.216	245513.145	NM	9	9	ft	B354-37	5/28/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B354	1256238.216	245513.145	NM	12	12	ft	B354-34	5/28/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B354	1256238.216	245513.145	NM	14	14	ft	B354-32	5/28/2014	Benzene	0.02		0.33	mg/kg		TRUE	TRUE	
Soil	B354	1256238.216	245513.145	NM	14	14	ft	B354-32	5/28/2014	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	B354	1256238.216	245513.145	NM	14	14	ft	B354-32	5/28/2014	Gasoline-range organics	30	5000	14	mg/kg		TRUE	FALSE	
Soil	B354	1256238.216	245513.145	NM	14	14	ft	B354-32	5/28/2014	Total DRO & ORO	2000	12000	7500	mg/kg		TRUE	TRUE	
Soil	B355	1256147.22	245729.61	NM	9	9	ft	B355-09	3/23/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B355	1256147.22	245729.61	NM	9	9	ft	B355-09	3/23/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B355	1256147.22	245729.61	NM	9	9	ft	B355-09	3/23/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B356	1256147.37	245768.03	NM	8	8	ft	B356-08	3/23/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B356	1256147.37	245768.03	NM	8	8	ft	B356-08	3/23/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B356	1256147.37	245768.03	NM	8	8	ft	B356-08	3/23/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	2.5	2.5	ft	B359-02.5	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	2.5	2.5	ft	B359-02.5	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B359	1256563.053	245162.52	NM	2.5	2.5	ft	B359-02.5	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	2.5	2.5	ft	B359-02.5	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	10	10	ft	B359-10	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	10	10	ft	B359-10	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B359	1256563.053	245162.52	NM	10	10	ft	B359-10	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	10	10	ft	B359-10	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	20	20	ft	B359-20	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	20	20	ft	B359-20	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B359	1256563.053	245162.52	NM	20	20	ft	B359-20	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B359	1256563.053	245162.52	NM	20	20	ft	B359-20	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	2.5	2.5	ft	B360-02.5	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B360	1256407.257	245176.204	NM	2.5	2.5	ft	B360-02.5	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	2.5	2.5	ft	B360-02.5	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	2.5	2.5	ft	B360-02.5	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	10	10	ft	B360-10	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	10	10	ft	B360-10	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B360	1256407.257	245176.204	NM	10	10	ft	B360-10	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	10	10	ft	B360-10	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	17.5	17.5	ft	B360-17.5	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	17.5	17.5	ft	B360-17.5	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B360	1256407.257	245176.204	NM	17.5	17.5	ft	B360-17.5	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B360	1256407.257	245176.204	NM	17.5	17.5	ft	B360-17.5	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	2.5	2.5	ft	B361-02.5	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	2.5	2.5	ft	B361-02.5	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B361	1256307.943	245181.3369	NM	2.5	2.5	ft	B361-02.5	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	2.5	2.5	ft	B361-02.5	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	10	10	ft	B361-10	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	10	10	ft	B361-10	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B361	1256307.943	245181.3369	NM	10	10	ft	B361-10	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	10	10	ft	B361-10	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	20	20	ft	B361-20	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B361	1256307.943	245181.3369	NM	20	20	ft	B361-20	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	20	20	ft	B361-20	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	20	20	ft	B361-20	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	22.5	22.5	ft	B361-22.5	3/26/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	22.5	22.5	ft	B361-22.5	3/26/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B361	1256307.943	245181.3369	NM	22.5	22.5	ft	B361-22.5	3/26/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B361	1256307.943	245181.3369	NM	22.5	22.5	ft	B361-22.5	3/26/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	2.5	2.5	ft	B362-02.5	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	2.5	2.5	ft	B362-02.5	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B362	1256116.886	245252.6179	NM	2.5	2.5	ft	B362-02.5	3/27/2015	Total DRO & ORO	2000	12000	430	mg/kg		TRUE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	2.5	2.5	ft	B362-02.5	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	7.5	7.5	ft	B362-07.5	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B362	1256116.886	245252.6179	NM	7.5	7.5	ft	B362-07.5	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	7.5	7.5	ft	B362-07.5	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	7.5	7.5	ft	B362-07.5	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	10	10	ft	B362-10	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	10	10	ft	B362-10	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B362	1256116.886	245252.6179	NM	10	10	ft	B362-10	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	10	10	ft	B362-10	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	15	15	ft	B362-15	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	15	15	ft	B362-15	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B362	1256116.886	245252.6179	NM	15	15	ft	B362-15	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B362	1256116.886	245252.6179	NM	15	15	ft	B362-15	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	2.5	2.5	ft	B363-02.5	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	2.5	2.5	ft	B363-02.5	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B363	1256054.87	245296.607	NM	2.5	2.5	ft	B363-02.5	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	2.5	2.5	ft	B363-02.5	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	5	5	ft	B363-05	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B363	1256054.87	245296.607	NM	5	5	ft	B363-05	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	5	5	ft	B363-05	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	5	5	ft	B363-05	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	10	10	ft	B363-10	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B363	1256054.87	245296.607	NM	10	10	ft	B363-10	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	10	10	ft	B363-10	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	10	10	ft	B363-10	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	15	15	ft	B363-15	3/27/2015	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	15	15	ft	B363-15	3/27/2015	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B363	1256054.87	245296.607	NM	15	15	ft	B363-15	3/27/2015	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B363	1256054.87	245296.607	NM	15	15	ft	B363-15	3/27/2015	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B68A	1256100.128	245619.1713	NM	25	25	ft	B68A-25	11/29/2006	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B68A	1256100.128	245619.1713	NM	25	25	ft	B68A-25	11/29/2006	Pentachlorophenol	0.05		0.1	mg/kg	U	FALSE	TRUE	
Soil	B68A	1256100.128	245619.1713	NM	25	25	ft	B68A-25	11/29/2006	Gasoline-range organics	30	5000	10	mg/kg		TRUE	FALSE	
Soil	B68A	1256100.128	245619.1713	NM	25	25	ft	B68A-25	11/29/2006	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B68A	1256100.128	245619.1713	NM	25	25	ft	B68A-25	11/29/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	B88	1255985.115	245448.9669	NM	7	7	ft	B88-07	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B88	1255985.115	245448.9669	NM	7	7	ft	B88-07	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B88	1255985.115	245448.9669	NM	10	10	ft	B88-10	12/29/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B88	1255985.115	245448.9669	NM	10	10	ft	B88-10	12/29/2008	Gasoline-range organics	30	5000	6	mg/kg		TRUE	FALSE	
Soil	B88	1255985.115	245448.9669	NM	10	10	ft	B88-10	12/29/2008	Trichloroethene	0.02	1	0.16	mg/kg		TRUE	TRUE	
Soil	B88	1255985.115	245448.9669	NM	10	10	ft	B88-10	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B88	1255985.115	245448.9669	NM	10	10	ft	B88-10	12/29/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B88	1255985.115	245448.9669	NM	16	16	ft	B88-16	12/29/2008	Trichloroethene	0.02	1	0.82	mg/kg		TRUE	TRUE	
Soil	B88	1255985.115	245448.9669	NM	16	16	ft	B88-16	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	2	2	ft	B89-02	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	2	2	ft	B89-02	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	5	5	ft	B89-05	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	5	5	ft	B89-05	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	11	11	ft	B89-11	12/29/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	11	11	ft	B89-11	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	11	11	ft	B89-11	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	11	11	ft	B89-11	12/29/2008	Gasoline-range organics	30	5000	420	mg/kg		TRUE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	11	11	ft	B89-11	12/29/2008	Total DRO & ORO	2000	12000	110	mg/kg		TRUE	FALSE	
Soil	B89	1255998.642	245455.1037	NM	13	13	ft	B89-13	12/29/2008	Benzene	0.02		0.25	mg/kg		TRUE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	13	13	ft	B89-13	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	13	13	ft	B89-13	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B89	1255998.642	245455.1037	NM	13	13	ft	B89-13	12/29/2008	Gasoline-range organics	30	5000	9700	mg/kg		TRUE	TRUE	EXCEED
Soil	B89	1255998.642	245455.1037	NM	13	13	ft	B89-13	12/29/2008	Total DRO & ORO	2000	12000	6000	mg/kg		TRUE	TRUE	
Soil	B90	1256013.281	245447.5509	NM	2	2	ft	B93-2	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B90	1256013.281	245447.5509	NM	2	2	ft	B93-2	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B90	1256013.281	245447.5509	NM	10	10	ft	B90-10	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																			
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	B90	1256013.281	245447.5509	NM	10	10	ft	B90-10	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B90	1256013.281	245447.5509	NM	16	16	ft	B90-16	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B90	1256013.281	245447.5509	NM	16	16	ft	B90-16	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	2	2	ft	B91-02	12/29/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	2	2	ft	B91-02	12/29/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	2	2	ft	B91-02	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	2	2	ft	B91-02	12/29/2008	Gasoline-range organics	30	5000	800	mg/kg		TRUE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	2	2	ft	B91-02	12/29/2008	Total DRO & ORO	2000	12000	8300	mg/kg		TRUE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	10	10	ft	B91-10	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	10	10	ft	B91-10	12/29/2008	Trichloroethene	0.02	1	0.098	mg/kg		TRUE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	14	14	ft	B91-14	12/29/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B91	1256000.163	245482.4232	NM	14	14	ft	B91-14	12/29/2008	Trichloroethene	0.02	1	0.15	mg/kg		TRUE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	6	6	ft	B97-06	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	6	6	ft	B97-06	12/30/2008	Total DRO & ORO	2000	12000	3200	mg/kg		TRUE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	6	6	ft	B97-06	12/30/2008	Gasoline-range organics	30	5000	1600	mg/kg		TRUE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	6	6	ft	B97-06	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	6	6	ft	B97-06	12/30/2008	Trichloroethene	0.02	1	0.031	mg/kg		TRUE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	10	10	ft	B97-10	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B97	1256031.112	245481.9447	NM	10	10	ft	B97-10	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B98	1255991.529	245508.1166	NM	6	6	ft	B98-06	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B98	1255991.529	245508.1166	NM	6	6	ft	B98-06	12/30/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B98	1255991.529	245508.1166	NM	6	6	ft	B98-06	12/30/2008	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	B98	1255991.529	245508.1166	NM	10	10	ft	B98-10	12/30/2008	Trichloroethene	0.02	1	0.37	mg/kg		TRUE	TRUE	
Soil	B98	1255991.529	245508.1166	NM	10	10	ft	B98-10	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B98	1255991.529	245508.1166	NM	20	20	ft	B98-20	12/30/2008	Trichloroethene	0.02	1	0.16	mg/kg		TRUE	TRUE	
Soil	B98	1255991.529	245508.1166	NM	20	20	ft	B98-20	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	0	0.5	ft	B99-0.5	12/30/2008	Benzene	0.02		0.21	mg/kg		TRUE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	0	0.5	ft	B99-0.5	12/30/2008	Total DRO & ORO	2000	12000	2200	mg/kg		TRUE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	0	0.5	ft	B99-0.5	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	0	0.5	ft	B99-0.5	12/30/2008	Gasoline-range organics	30	5000	54	mg/kg		TRUE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	0	0.5	ft	B99-0.5	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	5	5	ft	B99-05	12/30/2008	Benzene	0.02		0.03	mg/kg	U	FALSE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	5	5	ft	B99-05	12/30/2008	Total DRO & ORO	2000	12000	120	mg/kg		TRUE	FALSE	
Soil	B99	1255977.857	245414.2364	NM	5	5	ft	B99-05	12/30/2008	Trichloroethene	0.02	1	0.03	mg/kg	U	FALSE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	5	5	ft	B99-05	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	5	5	ft	B99-05	12/30/2008	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	B99	1255977.857	245414.2364	NM	9	9	ft	B99-09	12/30/2008	Trichloroethene	0.02	1	0.077	mg/kg		TRUE	TRUE	
Soil	B99	1255977.857	245414.2364	NM	9	9	ft	B99-09	12/30/2008	Vinyl chloride			0.05	mg/kg	U	FALSE	TRUE	
Soil	BOT	1256186.272	245477.9111	NM	7	7	ft	BOT-20100624-07	6/24/2010	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	BOT	1256186.272	245477.9111	NM	7	7	ft	BOT-20100624-07	6/24/2010	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	C02-EX01-BTM01	1256005.521	245847.0673	NM	6.5	6.5	ft	C02-EX01-BTM01-06.5	10/28/2013	Gasoline-range organics	30	5000	12	mg/kg		TRUE	FALSE	
Soil	C02-EX01-BTM01	1256005.521	245847.0673	NM	6.5	6.5	ft	C02-EX01-BTM01-06.5	10/28/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	C02-EX01-BTM01	1256005.521	245847.0673	NM	6.5	6.5	ft	C02-EX01-BTM01-06.5	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	C02-EX01-NSW01	1256002.991	245859.581	NM	5.5	5.5	ft	C02-EX01-NSW01-05.5	10/28/2013	Gasoline-range organics	30	5000	4.7	mg/kg		TRUE	FALSE	
Soil	C02-EX01-NSW01	1256002.991	245859.581	NM	5.5	5.5	ft	C02-EX01-NSW01-05.5	10/28/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	C02-EX01-NSW01	1256002.991	245859.581	NM	5.5	5.5	ft	C02-EX01-NSW01-05.5	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	C02-EX01-WSW01	1255998.142	245850.5567	NM	3.5	3.5	ft	C02-EX01-WSW01-03.5	10/28/2013	Gasoline-range organics	30	5000	15	mg/kg		TRUE	FALSE	
Soil	C02-EX01-WSW01	1255998.142	245850.5567	NM	3.5	3.5	ft	C02-EX01-WSW01-03.5	10/28/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	C02-EX01-WSW01	1255998.142	245850.5567	NM	3.5	3.5	ft	C02-EX01-WSW01-03.5	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	C03-EX01-SSW01	1256004.175	245835.7902	NM	3.5	3.5	ft	C03-EX01-SSW01-03.5	10/28/2013	Gasoline-range organics	30	5000	15	mg/kg		TRUE	FALSE	
Soil	C03-EX01-SSW01	1256004.175	245835.7902	NM	3.5	3.5	ft	C03-EX01-SSW01-03.5	10/28/2013	Total DRO & ORO	2000	12000	1500	mg/kg		TRUE	FALSE	
Soil	C03-EX01-SSW01	1256004.175	245835.7902	NM	3.5	3.5	ft	C03-EX01-SSW01-03.5	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-BASE-02	1256331.438	245347.9888	46	5		ft	CAA1A-BASE-02	8/10/2021	Gasoline-range organics	30	5000	1100	mg/kg	J	TRUE	TRUE	
Soil	CAA1A-BASE-02	1256331.438	245347.9888	46	5		ft	CAA1A-BASE-02	8/10/2021	Total DRO & ORO	2000	12000	560	mg/kg		TRUE	FALSE	
Soil	CAA1A-BASE-03	1256305.492	245321.682	46	5		ft	CAA1A-BASE-03	8/9/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-BASE-03	1256305.492	245321.682	46	5		ft	CAA1A-BASE-03	8/9/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-SS-01	1256284.011	245369.4045	46	3.5	4	ft	CAA1A-SS-01	8/11/2021	Total DRO & ORO	2000	12000	330	mg/kg		TRUE	FALSE	
Soil	CAA1A-SS-01	1256284.011	245369.4045	46	3.5	4	ft	CAA1A-SS-01	8/11/2021	Gasoline-range organics	30	5000	120	mg/kg		TRUE	TRUE	
Soil	CAA1A-SS-02	1256351.497	245335.6333	46	4		ft	CAA1A-SS-02	8/10/2021	Total DRO & ORO	2000	12000	3000	mg/kg		TRUE	TRUE	
Soil	CAA1A-SS-02	1256351.497	245335.6333	46	4		ft	CAA1A-SS-02	8/10/2021	Gasoline-range organics	30	5000	330	mg/kg		TRUE	TRUE	
Soil	CAA1A-SS-03	1256328.855	245310.2845	46	4	5	ft	CAA1A-SS-03	8/6/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-SS-03	1256328.855	245310.2845	46	4	5	ft	CAA1A-SS-03	8/6/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-SS-04	1256296.052	245293.8733	46	4	5	ft	CAA1A-SS-04	8/6/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-SS-04	1256296.052	245293.8733	46	4	5	ft	CAA1A-SS-04	8/6/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-SS-06	1256245.962	245332.3956	46	1.5	2	ft	CAA1A-SS-06	8/11/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-SS-06	1256245.962	245332.3956	46	1.5	2	ft	CAA1A-SS-06	8/11/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP3	1256273.217	245342.844	46	12		ft	CAA1A-TP3-7	8/6/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP3	1256273.217	245342.844	46	12		ft	CAA1A-TP3-7	8/6/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP3	1256273.217	245342.844	46	14		ft	CAA1A-TP3-9	8/6/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP3	1256273.217	245342.844	46	14		ft	CAA1A-TP3-9	8/6/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP4	1256283.72	245365.648	46	8		ft	CAA1A-TP4-8	8/6/2021	Total DRO & ORO	2000	12000	280	mg/kg		TRUE	FALSE	
Soil	CAA1A-TP4	1256283.72	245365.648	46	8		ft	CAA1A-TP4-8	8/6/2021	Gasoline-range organics	30	5000	35	mg/kg		TRUE	TRUE	
Soil	CAA1A-TP4	1256283.72	245365.648	46	12.2		ft	CAA1A-TP4-12.2	8/6/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP4	1256283.72	245365.648	46	12.2		ft	CAA1A-TP4-12.2	8/6/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP4	1256283.72	245365.648	46	13.9		ft	CAA1A-TP4-13.9	8/6/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA1A-TP4	1256283.72	245365.648	46	13.9		ft	CAA1A-TP4-13.9	8/6/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1B-BASE-01	1256358.641	245380.6238	46	10		ft	CAA1B-BASE-01	8/10/2021	Gasoline-range organics	30	5000	13	mg/kg		TRUE	FALSE	
Soil	CAA1B-BASE-01	1256358.641	245380.6238	46	10		ft	CAA1B-BASE-01	8/10/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1B-BASE-02	1256404.713	245419.7118	46	10		ft	CAA1B-BASE-02	8/26/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1B-BASE-02	1256404.713	245419.7118	46	10		ft	CAA1B-BASE-02	8/26/2021	Gasoline-range organics	30	5000	57	mg/kg		TRUE	TRUE	
Soil	CAA1B-SS-01	1256348.95	245401.1743	46	9		ft	CAA1B-SS-01	8/10/2021	Gasoline-range organics	30	5000	8	mg/kg		TRUE	FALSE	
Soil	CAA1B-SS-01	1256348.95	245401.1743	46	9		ft	CAA1B-SS-01	8/10/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1B-SS-03	1256382.152	245369.5037	46	8.5		ft	CAA1B-SS-03	8/10/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA1B-SS-03	1256382.152	245369.5037	46	8.5		ft	CAA1B-SS-03	8/10/2021	Gasoline-range organics	30	5000	9.7	mg/kg		TRUE	FALSE	
Soil	CAA1B-SS-08	1256407.549	245421.8394	46	7		ft	CAA1B-SS-08	8/18/2021	Total DRO & ORO	2000	12000	9200	mg/kg	CN	TRUE	TRUE	
Soil	CAA1B-SS-08	1256407.549	245421.8394	46	7		ft	CAA1B-SS-08	8/18/2021	Gasoline-range organics	30	5000	4500	mg/kg	J	TRUE	TRUE	
Soil	CAA2B-BASE-01	1256135.58	245586.7363	44.5	15		ft	CAA2B-BASE-01	10/11/2021	Gasoline-range organics	30	5000	54	mg/kg		TRUE	TRUE	
Soil	CAA2B-BASE-01	1256135.58	245586.7363	44.5	15		ft	CAA2B-BASE-01	10/11/2021	Total DRO & ORO	2000	12000	250	mg/kg		TRUE	FALSE	
Soil	CAA2B-BASE-02	1256157.455	245581.6467	44.5	15		ft	CAA2B-BASE-02	10/6/2021	Gasoline-range organics	30	5000	570	mg/kg	J	TRUE	TRUE	
Soil	CAA2B-BASE-02	1256157.455	245581.6467	44.5	15		ft	CAA2B-BASE-02	10/6/2021	Total DRO & ORO	2000	12000	1700	mg/kg		TRUE	FALSE	
Soil	CAA2B-BASE-03	1256186.659	245578.021	44.5	15		ft	CAA2B-BASE-03	10/6/2021	Gasoline-range organics	30	5000	48	mg/kg		TRUE	TRUE	
Soil	CAA2B-BASE-03	1256186.659	245578.021	44.5	15		ft	CAA2B-BASE-03	10/6/2021	Total DRO & ORO	2000	12000	120	mg/kg		TRUE	FALSE	
Soil	CAA2B-BASE-04	1256219.155	245571.6181	44.5	15		ft	CAA2B-BASE-04	10/4/2021	Gasoline-range organics	30	5000	2100	mg/kg		TRUE	TRUE	
Soil	CAA2B-BASE-04	1256219.155	245571.6181	44.5	15		ft	CAA2B-BASE-04	10/4/2021	Total DRO & ORO	2000	12000	11000	mg/kg	J	TRUE	TRUE	
Soil	CAA2B-BASE-04	1256219.155	245571.6181	44.5	15.5		ft	CAA2B-BASE-04-0.5	10/4/2021	Total DRO & ORO	2000	12000	3400	mg/kg		TRUE	TRUE	
Soil	CAA2B-BASE-04	1256219.155	245571.6181	44.5	15.5		ft	CAA2B-BASE-04-0.5	10/4/2021	Gasoline-range organics	30	5000	410	mg/kg		TRUE	TRUE	
Soil	CAA3-BASE-01	1256041.224	245500.0608	46	5		ft	CAA3-BASE-01	11/10/2021	Total DRO & ORO	2000	12000	170	mg/kg		TRUE	FALSE	
Soil	CAA3-BASE-01	1256041.224	245500.0608	46	5		ft	CAA3-BASE-01	11/10/2021	Gasoline-range organics	30	5000	66	mg/kg		TRUE	TRUE	
Soil	CAA3-BASE-02	1256072.211	245492.471	50	5		ft	CAA3-BASE-02	11/10/2021	Gasoline-range organics	30	5000	130	mg/kg		TRUE	TRUE	
Soil	CAA3-BASE-02	1256072.211	245492.471	50	5		ft	CAA3-BASE-02	11/10/2021	Total DRO & ORO	2000	12000	370	mg/kg		TRUE	FALSE	
Soil	CAA3-BASE-03	1256013.304	245444.9268	50	5		ft	CAA3-BASE-03	11/9/2021	Trichloroethene	0.02	1	0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA3-BASE-03	1256013.304	245444.9268	50	5		ft	CAA3-BASE-03	11/9/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA3-BASE-03	1256013.304	245444.9268	50	5		ft	CAA3-BASE-03	11/9/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA3-SS-01	1256031.877	245505.6835	46	4		ft	CAA3-DUP-01	11/10/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA3-SS-01	1256031.877	245505.6835	46	4		ft	CAA3-DUP-01	11/10/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA3-SS-01	1256031.877	245505.6835	46	4		ft	CAA3-SS-01	11/10/2021	Gasoline-range organics	30	5000	9.8	mg/kg		TRUE	FALSE	
Soil	CAA3-SS-01	1256031.877	245505.6835	46	4		ft	CAA3-SS-01	11/10/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA3-SS-02	1256064.953	245476.8017	50	4.5		ft	CAA3-DUP-02	11/10/2021	Gasoline-range organics	30	5000	38	mg/kg		TRUE	TRUE	
Soil	CAA3-SS-02	1256064.953	245476.8017	50	4.5		ft	CAA3-DUP-02	11/10/2021	Total DRO & ORO	2000	12000	160	mg/kg		TRUE	FALSE	
Soil	CAA3-SS-02	1256064.953	245476.8017	50	4.5		ft	CAA3-SS-02	11/10/2021	Gasoline-range organics	30	5000	220	mg/kg		TRUE	TRUE	
Soil	CAA3-SS-02	1256064.953	245476.8017	50	4.5		ft	CAA3-SS-02	11/10/2021	Total DRO & ORO	2000	12000	92	mg/kg		TRUE	FALSE	
Soil	CAA3-SS-03	1256034.729	245447.8197	50	4	4.5	ft	CAA3-SS-03	11/9/2021	Gasoline-range organics	30	5000	270	mg/kg		TRUE	TRUE	
Soil	CAA3-SS-03	1256034.729	245447.8197	50	4	4.5	ft	CAA3-SS-03	11/9/2021	Trichloroethene	0.02	1	0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA3-SS-03	1256034.729	245447.8197	50	4	4.5	ft	CAA3-SS-03	11/9/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA3-SS-04	1256000.749	245426.2709	54	7		ft	CAA3-SS-04	11/9/2021	Total DRO & ORO	2000	12000	67	mg/kg	CN	TRUE	FALSE	
Soil	CAA3-SS-04	1256000.749	245426.2709	54	7		ft	CAA3-SS-04	11/9/2021	Gasoline-range organics	30	5000	21	mg/kg		TRUE	FALSE	
Soil	CAA3-SS-04	1256000.749	245426.2709	54	7		ft	CAA3-SS-04	11/9/2021	Trichloroethene	0.02	1	0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA5-SS-01	1255811.723	245546.9783	46	3.75		ft	CAA5-SS-01	8/3/2021	Total DRO & ORO	2000	12000	5200	mg/kg		TRUE	TRUE	
Soil	CAA5-SS-01	1255811.723	245546.9783	46	3.75		ft	CAA5-SS-01	8/3/2021	Arsenic	7.3		5.3	mg/kg		TRUE	FALSE	
Soil	CAA5-SS-02	1255832.275	245530.2556	46	4		ft	CAA5-SS-02	8/2/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA5-SS-02	1255832.275	245530.2556	46	4		ft	CAA5-SS-02	8/2/2021	Arsenic	7.3		5.6	mg/kg		TRUE	FALSE	
Soil	CAA5-SS-03	1255811.333	245516.208	46	3		ft	CAA5-SS-03	8/2/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA5-SS-03	1255811.333	245516.208	46	3		ft	CAA5-SS-03	8/2/2021	Arsenic	7.3		6.4	mg/kg		TRUE	FALSE	
Soil	CAA5-SS-04	1255793.277	245530.4115	46	3.75		ft	CAA5-SS-04	8/3/2021	Arsenic	7.3		4.1	mg/kg		TRUE	FALSE	
Soil	CAA5-SS-04	1255793.277	245530.4115	46	3.75		ft	CAA5-SS-04	8/3/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-BASE-01	1256104.28	245765.3375	27	8.5		ft	CAA6A-BASE-01-8	7/30/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-BASE-04	1256090.401	245745.708	32	14	14	ft	CAA6A-BASE-04	7/30/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-BASE-04	1256090.401	245745.708	32	14	14	ft	CAA6A-BASE-04	7/30/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-BASE-04	1256090.401	245745.708	32	14	14	ft	CAA6A-BASE-04	7/30/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-01	1256119.177	245805.3269	27	4		ft	CAA6A-SS-01	7/28/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-01	1256119.177	245805.3269	27	4		ft	CAA6A-SS-01	7/28/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-01	1256119.177	245805.3269	27	4		ft	CAA6A-SS-01	7/28/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-03	1256129.818	245764.1935	27	3		ft	CAA6A-SS-03	7/27/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-03	1256129.818	245764.1935	27	3		ft	CAA6A-SS-03	7/27/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-03	1256129.818	245764.1935	27	3		ft	CAA6A-SS-03	7/27/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-04	1256128.233	245721.7868	27	5		ft	CAA6A-SS-04	7/27/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-04	1256128.233	245721.7868	27	5		ft	CAA6A-SS-04	7/27/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-04	1256128.233	245721.7868	27	5		ft	CAA6A-SS-04	7/27/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-05	1256106.157	245714.0646	36	10.7		ft	CAA6A-SS-05	7/28/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-05	1256106.157	245714.0646	36	10.7		ft	CAA6A-SS-05	7/28/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-05	1256106.157	245714.0646	36	10.7		ft	CAA6A-SS-05	7/28/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-06	1256086.998	245724.7272	34	12.3		ft	CAA6A-SS-06	7/29/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-06	1256086.998	245724.7272	34	12.3		ft	CAA6A-SS-06	7/29/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	CAA6A-SS-06	1256086.998	245724.7272	34	12.3		ft	CAA6A-SS-06	7/29/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-07	1256079.049	245740.4085	32	10.5		ft	CAA6A-SS-07	7/30/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-07	1256079.049	245740.4085	32	10.5		ft	CAA6A-SS-07	7/30/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-07	1256079.049	245740.4085	32	10.5		ft	CAA6A-SS-07	7/30/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-08	1256067.511	245750.4989	31	9.8		ft	CAA6A-SS-08	7/30/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-08	1256067.511	245750.4989	31	9.8		ft	CAA6A-SS-08	7/30/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-08	1256067.511	245750.4989	31	9.8		ft	CAA6A-SS-08	7/30/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6A-SS-09	1256123.656	245786.8506	27	3.7		ft	CAA6A-SS-09	7/28/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-BASE-01	1256132.007	245851.809	19.5	4.5		ft	CAA6B-BASE-01	9/13/2021	Total DRO & ORO	2000	12000	290	mg/kg	CN	TRUE	FALSE	
Soil	CAA6B-BASE-01	1256132.007	245851.809	19.5	4.5		ft	CAA6B-BASE-01	9/13/2021	Gasoline-range organics	30	5000	91	mg/kg		TRUE	TRUE	
Soil	CAA6B-BASE-01	1256132.007	245851.809	19.5	4.5		ft	CAA6B-BASE-01	9/13/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-SS-01	1256153.579	245859.196	19.5	3.4		ft	CAA6B-SS-01	9/13/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-SS-01	1256153.579	245859.196	19.5	3.4		ft	CAA6B-SS-01	9/13/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-SS-01	1256153.579	245859.196	19.5	3.4		ft	CAA6B-SS-01	9/13/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-SS-02	1256139.159	245842.2369	19.5	3.7		ft	CAA6B-SS-02	9/13/2021	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-SS-02	1256139.159	245842.2369	19.5	3.7		ft	CAA6B-SS-02	9/13/2021	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	CAA6B-SS-02	1256139.159	245842.2369	19.5	3.7		ft	CAA6B-SS-02	9/13/2021	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	CAA7-B01	1255859.784	245823.4981	24	1	1.25	ft	CAA7-B01-1.0-1.25	11/13/2020	Arsenic	7.3		3.7	mg/kg		TRUE	FALSE	
Soil	CAA7-B02	1255877.118	245823.1465	24	1	1.25	ft	CAA7-B02-1.0-1.25	11/13/2020	Arsenic	7.3		5.7	mg/kg		TRUE	FALSE	
Soil	CAA7-B03	1255897.535	245825.5805	24	1	1.25	ft	CAA7-B03-1.0-1.25	11/13/2020	Arsenic	7.3		6.7	mg/kg		TRUE	FALSE	
Soil	CAA7-B04	1255915.466	245830.8977	24	2	2.25	ft	CAA7-B04-2.0-2.25	11/13/2020	Arsenic	7.3		6	mg/kg		TRUE	FALSE	
Soil	CAA7-B05	1255815.307	245791.841	24	1	1.5	ft	CAA7-B05-1.0-1.5	2/22/2021	Arsenic	7.3		9.2	mg/kg		TRUE	TRUE	
Soil	CAA7-B06	1255815.517	245816.4163	24	1	1.5	ft	CAA7-B06-1.0-1.5	2/22/2021	Arsenic	7.3		7.9	mg/kg		TRUE	TRUE	
Soil	CAA7-B07	1255956.622	245838.016	24	1	1.5	ft	CAA7-B07-1.0-1.5	2/22/2021	Arsenic	7.3		5.8	mg/kg		TRUE	FALSE	
Soil	CAA7-B08	1255947.033	245825.3504	24	1	1.5	ft	CAA7-B08-1.0-1.5	2/22/2021	Arsenic	7.3		4.9	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-13	1255964.506	245852.9352	20.3	1		ft	CAA7-BASE-13	7/19/2021	Arsenic	7.3		6.2	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-14	1255972.221	245820.6459	21.2	1		ft	CAA7-BASE-14	7/19/2021	Arsenic	7.3		6.7	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-15	1255911	245770	25.3	1		ft	CAA7-BASE-15	7/19/2021	Arsenic	7.3		3.8	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-16	1255862.706	245770.1035	25.6	1		ft	CAA7-BASE-16	7/19/2021	Arsenic	7.3		3.1	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-17	1255821.931	245770.0897	26.7	1		ft	CAA7-BASE-17	7/19/2021	Arsenic	7.3		5.7	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-18	1255907.915	245814.3647	22.6	2		ft	CAA7-BASE-18	7/19/2021	Arsenic	7.3		6.9	mg/kg		TRUE	FALSE	
Soil	CAA7-BASE-19	1255823.442	245743.3516	28.3	0.5		ft	CAA7-BASE-19	7/19/2021	Arsenic	7.3		7	mg/kg		TRUE	FALSE	
Soil	CAA7-SW11	1255824.136	245753.8893	24	0	0.5	ft	CAA7-SW11-0.0-0.5	2/22/2021	Arsenic	7.3		3.6	mg/kg		TRUE	FALSE	
Soil	CAA7-SW11	1255824.136	245753.8893	24	0.5	1	ft	CAA7-SW11-0.5-1.0	2/22/2021	Arsenic	7.3		4.9	mg/kg		TRUE	FALSE	
Soil	CAA7-SW12	1255800.367	245766.8429	24	0	0.5	ft	CAA7-SW12-0.0-0.5	2/22/2021	Arsenic	7.3		4	mg/kg		TRUE	FALSE	
Soil	CAA7-SW12	1255800.367	245766.8429	24	0.5	1	ft	CAA7-SW12-0.5-1.0	2/22/2021	Arsenic	7.3		4	mg/kg		TRUE	FALSE	
Soil	CAA7-SW13	1255800.716	245791.2062	24	0	0.5	ft	CAA7-SW13-0.0-0.5	2/22/2021	Arsenic	7.3		2.2	mg/kg		TRUE	FALSE	
Soil	CAA7-SW13	1255800.716	245791.2062	24	0.5	1	ft	CAA7-SW13-0.5-1.0	2/22/2021	Arsenic	7.3		2	mg/kg		TRUE	FALSE	
Soil	CAA7-SW14	1255801.043	245814.0965	24	0.5	1	ft	CAA7-SW14-0.5-1.0	2/22/2021	Arsenic	7.3		6	mg/kg		TRUE	FALSE	
Soil	CAA7-SW15	1255836.427	245833.6583	24	1	1.5	ft	CAA7-SW15-1.0-1.5	2/22/2021	Arsenic	7.3		7.8	mg/kg		TRUE	TRUE	
Soil	CAA7-SW16	1255881.566	245842.9465	24	1	1.5	ft	CAA7-SW16-1.0-1.5	2/22/2021	Arsenic	7.3		30	mg/kg		TRUE	TRUE	
Soil	CAA7-SW17	1255920.57	245843.0978	24	1	1.5	ft	CAA7-SW17-1.0-1.5	2/22/2021	Arsenic	7.3		18	mg/kg		TRUE	TRUE	
Soil	CAA7-SW18	1255981.642	245829.0257	24	0	0.5	ft	CAA7-SW18-0.0-0.5	2/22/2021	Arsenic	7.3		5.4	mg/kg		TRUE	FALSE	
Soil	CAA7-SW20	1255962.629	245767.9427	24	0	0.5	ft	CAA7-SW20-0.0-0.5	2/22/2021	Arsenic	7.3		5	mg/kg		TRUE	FALSE	
Soil	CAA7-SW21	1255930.479	245718.9939	24	0	0.5	ft	CAA7-SW21-0.0-0.5	2/22/2021	Arsenic	7.3		4.4	mg/kg		TRUE	FALSE	
Soil	CAA7-SW23	1255984.994	245803.4041	24	0	0.5	ft	CAA7-SW23-0.0-0.5	3/22/2021	Arsenic	7.3		11	mg/kg		TRUE	TRUE	
Soil	CAA7-SW24	1255820.039	245734.9488	24	0	0.5	ft	CAA7-SW24-0.0-0.5	3/22/2021	Arsenic	7.3		13	mg/kg		TRUE	TRUE	
Soil	CAA7-SW25	1255810.595	245744.7405	24	0	0.5	ft	CAA7-SW25-0.0-0.5	3/22/2021	Arsenic	7.3		6.4	mg/kg		TRUE	FALSE	
Soil	CAA7-SW26	1255795.404	245809.7278	24	0	0.5	ft	CAA7-SW26-0.0-0.5	3/22/2021	Arsenic	7.3		14	mg/kg		TRUE	TRUE	
Soil	COMP-1c	1255936.909	245810.1785	24	0.5	1	ft	COMP-1c-0.5-1.0	11/13/2020	Arsenic	7.3		6.4	mg/kg		TRUE	FALSE	
Soil	COMP-2a	1255931	245770	24	0.5	1	ft	COMP-2a-0.5-1.0	11/13/2020	Arsenic	7.3		3.5	mg/kg		TRUE	FALSE	
Soil	COMP-2b	1255956.909	245810.1785	24	0.5	1	ft	COMP-2b-0.5-1.0	11/13/2020	Arsenic	7.3		2.1	mg/kg		TRUE	FALSE	
Soil	COMP-2c	1255951.338	245789.8409	24	0.5	1	ft	COMP-2c-0.5-1.0	11/13/2020	Arsenic	7.3		4.2	mg/kg		TRUE	FALSE	
Soil	COMP-2d	1255931.338	245789.8409	24	0	0.5	ft	COMP-2d-0.0-0.5	11/13/2020	Arsenic	7.3		4.4	mg/kg		TRUE	FALSE	
Soil	COMP-3a	1255931	245730	24	0	0.5	ft	COMP-3a-0.0-0.5	11/13/2020	Arsenic	7.3		16	mg/kg		TRUE	TRUE	
Soil	COMP-3a	1255931	245730	24	0.5	1	ft	COMP-3a-0.5-1.0	11/13/2020	Arsenic	7.3		4.6	mg/kg		TRUE	FALSE	
Soil	COMP-3b	1255951	245770	24	0.5	1	ft	COMP-3b-0.5-1.0	11/13/2020	Arsenic	7.3		3.4	mg/kg		TRUE	FALSE	
Soil	COMP-3c	1255951	245750	24	0	0.5	ft	COMP-3c-0.0-0.5	11/13/2020	Arsenic	7.3		4.7	mg/kg		TRUE	FALSE	
Soil	COMP-3d	1255931	245750	24	0	0.5	ft	COMP-3d-0.0-0.5	11/13/2020	Arsenic	7.3		3.8	mg/kg		TRUE	FALSE	
Soil	COMP-4c	1255911	245750	24	0	0.5	ft	COMP-4c-0.0-0.5	11/13/2020	Arsenic	7.3		4.7	mg/kg		TRUE	FALSE	
Soil	COMP-4d	1255891	245750	24	0	0.5	ft	COMP-4d-0.0-0.5	11/13/2020	Arsenic	7.3		4	mg/kg		TRUE	FALSE	
Soil	COMP-5c	1255871	245750	24	0	0.5	ft	COMP-5c-0.0-0.5	11/13/2020	Arsenic	7.3		4.1	mg/kg		TRUE	FALSE	
Soil	COMP-5d	1255851	245750	24	0	0.5	ft	COMP-5d-0.0-0.5	11/13/2020	Arsenic	7.3		5.7	mg/kg		TRUE	FALSE	
Soil	COMP-6	1255881	245730	24	0	0.5	ft	COMP-6-0.0-0.5	11/13/2020	Arsenic	7.3		4.7	mg/kg		TRUE	FALSE	
Soil	COMP-6a	1255851	245730	24	0	0.5	ft	COMP-6a-0.0-0.5	11/13/2020	Arsenic	7.3		5.8	mg/kg		TRUE	FALSE	
Soil	COMP-6d	1255911	245730	24	0	0.5	ft	COMP-6d-0.0-0.5	11/13/2020	Arsenic	7.3		1.1	mg/kg		TRUE	FALSE	
Soil	COMP-7b	1255829.083	245807.8243	24	1	2	ft	COMP-7b-1.0-2.0	11/30/2020	Arsenic	7.3		8.1	mg/kg		TRUE	TRUE	
Soil	D02-EX01-NSW01	1256023.149	245856.7363	NM	3	3	ft	D02-EX01-NSW01-03	10/28/2013	Gasoline-range organics	30	5000	12	mg/kg		TRUE	FALSE	
Soil	D02-EX01-NSW01	1256023.149	245856.7363	NM	3	3	ft	D02-EX01-NSW01-03	10/28/2013	Total DRO & ORO	2000	12000	2100	mg/kg		TRUE	TRUE	
Soil	D02-EX01-NSW01	1256023.149	245856.7363	NM	3	3	ft	D02-EX01-NSW01-03	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	D03-EX01-SSW01	1256024.914	245836.4612	NM	4	4	ft	D03-EX01-SSW01-04	10/28/2013	Gasoline-range organics	30	5000	13	mg/kg		TRUE	FALSE	
Soil	D03-EX01-SSW01	1256024.914	245836.4612	NM	4	4	ft	D03-EX01-SSW01-04	10/28/2013	Total DRO & ORO	2000	12000	140	mg/kg		TRUE	FALSE	
Soil	D03-EX01-SSW01	1256024.914	245836.4612	NM	4	4	ft	D03-EX01-SSW01-04	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	D-N	1256187.335	245543.1561	NM	1.5	1.5	ft	D-N-1.5	4/22/2006	Gasoline-range organics	30	5000	150	mg/kg		TRUE	TRUE	
Soil	D-N	1256187.335	245543.1561	NM	1.5	1.5	ft	D-N-1.5	4/22/2006	Total DRO & ORO	2000	12000	290	mg/kg	U	FALSE	FALSE	
Soil	D-N	1256187.335	245543.1561	NM	1.5	1.5	ft	D-N-1.5	4/22/2006	Benzene	0.02		0.018	mg/kg	U	FALSE	FALSE	
Soil	D-S	1256186.945	245524.6665	NM	1.5	1.5	ft	D-S-1.5	4/22/2006	Total DRO & ORO	2000	12000	420	mg/kg		TRUE	FALSE	
Soil	D-S	1256186.945	245524.6665	NM	1.5	1.5	ft	D-S-1.5	4/22/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	D-S	1256186.945	245524.6665	NM	1.5	1.5	ft	D-S-1.5	4/22/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	E02-EX01-NSW03	1256039.2	245857.4616	NM	5	5	ft	E02-EX01-NSW03-05	10/28/2013	Gasoline-range organics	30	5000	10	mg/kg		TRUE	FALSE	
Soil	E02-EX01-NSW03	1256039.2	245857.4616	NM	5	5	ft	E02-EX01-NSW03-05	10/28/2013	Total DRO & ORO	2000	12000	95	mg/kg		TRUE	FALSE	
Soil	E02-EX01-NSW03	1256039.2	245857.4616	NM	5	5	ft	E02-EX01-NSW03-05	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-BTM02	1256042.252	245830.2363	NM	8.5	8.5	ft	E03-EX01-BTM02-08.5	10/11/2013	Gasoline-range organics	30	5000	5.9	mg/kg		TRUE	FALSE	
Soil	E03-EX01-BTM02	1256042.252	245830.2363	NM	8.5	8.5	ft	E03-EX01-BTM02-08.5	10/11/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-BTM02	1256042.252	245830.2363	NM	8.5	8.5	ft	E03-EX01-BTM02-08.5	10/11/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-BTM04	1256038.431	245839.9019	NM	9	9	ft	E03-EX01-BTM04-09	10/28/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-BTM04	1256038.431	245839.9019	NM	9	9	ft	E03-EX01-BTM04-09	10/28/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-BTM04	1256038.431	245839.9019	NM	9	9	ft	E03-EX01-BTM04-09	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-WSW01	1256034.669	245830.3793	NM	7	7	ft	E03-EX01-WSW01-07	10/10/2013	Gasoline-range organics	30	5000	4.2	mg/kg		TRUE	FALSE	
Soil	E03-EX01-WSW01	1256034.669	245830.3793	NM	7	7	ft	E03-EX01-WSW01-07	10/10/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	E03-EX01-WSW01	1256034.669	245830.3793	NM	7	7	ft	E03-EX01-WSW01-07	10/10/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	E04-EX01-BTM01	1256041.789	245820.5459	NM	7.5	7.5	ft	E04-EX01-BTM01-07.5	10/16/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	E04-EX01-BTM01	1256041.789	245820.5459	NM	7.5	7.5	ft	E04-EX01-BTM01-07.5	10/16/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	E04-EX01-BTM01	1256041.789	245820.5459	NM	7.5	7.5	ft	E04-EX01-BTM01-07.5	10/16/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	E1	1256180.565	245561.2551	NM	10	10	ft	1991-UST-Excavation-E1	9/16/1991	Benzene	0.02		0.22	mg/kg	U	FALSE	TRUE	
Soil	E1	1256180.565	245561.2551	NM	10	10	ft	1991-UST-Excavation-E1	9/16/1991	Total DRO & ORO	2000	12000	50	mg/kg	U	FALSE	FALSE	
Soil	E1	1256180.565	245561.2551	NM	10	10	ft	1991-UST-Excavation-E1	9/16/1991	Gasoline-range organics	30	5000	180	mg/kg		TRUE	TRUE	
Soil	EX01F01	1256167.05	245608.38	45	8	8	ft	EX-F01-08	5/1/2012	Total DRO & ORO	2000	12000	3900	mg/kg		TRUE	TRUE	
Soil	EX01F01	1256167.05	245608.38	45	8	8	ft	EX-F01-08	5/1/2012	Gasoline-range organics	30	5000	170	mg/kg		TRUE	TRUE	
Soil	EX01F01	1256167.05	245608.38	45	8	8	ft	EX-F01-08	5/1/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	EX01F02	1256160.58	245620.63	45	9.5	9.5	ft	EX-F02-09.5	5/7/2012	Gasoline-range organics	30	5000	14	mg/kg		TRUE	FALSE	
Soil	EX01F02	1256160.58	245620.63	45	9.5	9.5	ft	EX-F02-09.5	5/7/2012	Total DRO & ORO	2000	12000	230	mg/kg		TRUE	FALSE	
Soil	EX01F02	1256160.58	245620.63	45	9.5	9.5	ft	EX-F02-09.5	5/7/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	EX01F03	1256146.29	245643.43	45	9.5	9.5	ft	EX-F03-09.5	5/7/2012	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	EX01F03	1256146.29	245643.43	45	9.5	9.5	ft	EX-F03-09.5	5/7/2012	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	EX01F03	1256146.29	245643.43	45	9.5	9.5	ft	EX-F03-09.5	5/7/2012	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F01-EX01-NSW01	1256061.795	245867.3476	NM	7	7	ft	F01-EX01-NSW01-07	10/3/2013	Gasoline-range organics	30	5000	17	mg/kg		TRUE	FALSE	
Soil	F01-EX01-NSW01	1256061.795	245867.3476	NM	7	7	ft	F01-EX01-NSW01-07	10/3/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F01-EX01-NSW01	1256061.795	245867.3476	NM	7	7	ft	F01-EX01-NSW01-07	10/3/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-BTM01	1256064.227	245859.6725	NM	10	10	ft	F02-EX01-BTM01-10	10/3/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-BTM01	1256064.227	245859.6725	NM	10	10	ft	F02-EX01-BTM01-10	10/3/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-BTM01	1256064.227	245859.6725	NM	10	10	ft	F02-EX01-BTM01-10	10/3/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-NSW03	1256051.529	245855.2354	NM	3	3	ft	F02-EX01-NSW03-03	10/28/2013	Gasoline-range organics	30	5000	15	mg/kg		TRUE	FALSE	
Soil	F02-EX01-NSW03	1256051.529	245855.2354	NM	3	3	ft	F02-EX01-NSW03-03	10/28/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-NSW03	1256051.529	245855.2354	NM	3	3	ft	F02-EX01-NSW03-03	10/28/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-WSW01	1256058.31	245859.4551	NM	6	6	ft	F02-EX01-WSW01-06	10/3/2013	Gasoline-range organics	30	5000	9	mg/kg		TRUE	FALSE	
Soil	F02-EX01-WSW01	1256058.31	245859.4551	NM	6	6	ft	F02-EX01-WSW01-06	10/3/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F02-EX01-WSW01	1256058.31	245859.4551	NM	6	6	ft	F02-EX01-WSW01-06	10/3/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F03-EX01-BTM03	1256060.34	245833.2184	NM	12	12	ft	F03-EX01-BTM03-12	10/24/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	F03-EX01-BTM03	1256060.34	245833.2184	NM	12	12	ft	F03-EX01-BTM03-12	10/24/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F03-EX01-BTM03	1256060.34	245833.2184	NM	12	12	ft	F03-EX01-BTM03-12	10/24/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F04-EX01-BTM04	1256052.929	245815.8565	NM	15	15	ft	F04-EX01-BTM04-15	10/17/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	F04-EX01-BTM04	1256052.929	245815.8565	NM	15	15	ft	F04-EX01-BTM04-15	10/17/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F04-EX01-BTM04	1256052.929	245815.8565	NM	15	15	ft	F04-EX01-BTM04-15	10/17/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F05-EX01-BTM04	1256063.812	245795.7734	NM	11	11	ft	F05-EX01-BTM04-11	10/11/2013	Gasoline-range organics	30	5000	2.7	mg/kg		TRUE	FALSE	
Soil	F05-EX01-BTM04	1256063.812	245795.7734	NM	11	11	ft	F05-EX01-BTM04-11	10/11/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F05-EX01-BTM04	1256063.812	245795.7734	NM	11	11	ft	F05-EX01-BTM04-11	10/11/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F05-EX01-WSW	1256058.099	245795.771	NM	7	7	ft	F05-EX01-WSW-07	10/14/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	F05-EX01-WSW	1256058.099	245795.771	NM	7	7	ft	F05-EX01-WSW-07	10/14/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F05-EX01-WSW	1256058.099	245795.771	NM	7	7	ft	F05-EX01-WSW-07	10/14/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-BTM02	1256065.113	245782.028	NM	12	12	ft	F06-EX01-BTM02-12	10/14/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-BTM02	1256065.113	245782.028	NM	12	12	ft	F06-EX01-BTM02-12	10/14/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-BTM02	1256065.113	245782.028	NM	12	12	ft	F06-EX01-BTM02-12	10/14/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-BTM03	1256064.41	245769.3867	NM	13.5	13.5	ft	F06-EX01-BTM03-11	10/11/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-BTM03	1256064.41	245769.3867	NM	13.5	13.5	ft	F06-EX01-BTM03-11	10/11/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-BTM03	1256064.41	245769.3867	NM	13.5	13.5	ft	F06-EX01-BTM03-11	10/11/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-SSW	1256060.765	245773.2147	NM	8	8	ft	F06-EX01-SSW-08	10/14/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	F06-EX01-SSW	1256060.765	245773.2147	NM	8	8	ft	F06-EX01-SSW-08	10/14/2013	Gasoline-range organics	30	5000	5	mg/kg		TRUE	FALSE	
Soil	F06-EX01-SSW	1256060.765	245773.2147	NM	8	8	ft	F06-EX01-SSW-08	10/14/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	Floor	1256170.539	245560.8645	NM	12.5	12.5	ft	991-UST-Excavation-Floo	9/16/1991	Benzene	0.02		1.1	mg/kg		TRUE	TRUE	
Soil	Floor	1256170.539	245560.8645	NM	12.5	12.5	ft	991-UST-Excavation-Floo	9/16/1991	Gasoline-range organics	30	5000	120	mg/kg		TRUE	TRUE	
Soil	Floor	1256170.539	245560.8645	NM	12.5	12.5	ft	991-UST-Excavation-Floo	9/16/1991	Total DRO & ORO	2000	12000	200	mg/kg		TRUE	FALSE	
Soil	G02-EX01-BTM01	1256085.376	245856.994	NM	7	7	ft	G02-EX01-BTM01-07	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	G02-EX01-BTM01	1256085.376	245856.994	NM	7	7	ft	G02-EX01-BTM01-07	10/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	G02-EX01-BTM01	1256085.376	245856.994	NM	7	7	ft	G02-EX01-BTM01-07	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G03-EX01-BTM02	1256077.609	245837.8824	NM	12.5	12.5	ft	G03-EX01-BTM02-12.5	10/8/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G04-EX01-BTM01	1256078.031	245819.4322	NM	12	12	ft	G04-EX01-BTM01-12	10/8/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G04-EX01-BTM01	1256078.031	245819.4322	NM	12	12	ft	G04-EX01-BTM01-12	10/8/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	G04-EX01-BTM01	1256078.031	245819.4322	NM	12	12	ft	G04-EX01-BTM01-12	10/8/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G04-EX01-BTM04	1256078.601	245812.0768	NM	14	14	ft	G04-EX01-BTM04-14	10/16/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G04-EX01-BTM04	1256078.601	245812.0768	NM	14	14	ft	G04-EX01-BTM04-14	10/16/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	G04-EX01-BTM04	1256078.601	245812.0768	NM	14	14	ft	G04-EX01-BTM04-14	10/16/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G05-EX01-BTM03	1256074.67	245796.1395	NM	6	6	ft	G05-EX01-BTM03-06	10/10/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G05-EX01-BTM03	1256074.67	245796.1395	NM	6	6	ft	G05-EX01-BTM03-06	10/10/2013	Gasoline-range organics	30	5000	24	mg/kg		TRUE	FALSE	
Soil	G05-EX01-BTM03	1256074.67	245796.1395	NM	6	6	ft	G05-EX01-BTM03-06	10/10/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G05-EX01-BTM11	1256076.504	245793.2174	NM	16	16	ft	G05-EX01-BTM11-16	10/17/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G05-EX01-BTM11	1256076.504	245793.2174	NM	16	16	ft	G05-EX01-BTM11-16	10/17/2013	Gasoline-range organics	30	5000	2.6	mg/kg		TRUE	FALSE	
Soil	G05-EX01-BTM11	1256076.504	245793.2174	NM	16	16	ft	G05-EX01-BTM11-16	10/17/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G05-EX01-ESW02	1256090.377	245789.2675	NM	7	7	ft	G05-EX01-ESW02-07	10/10/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G05-EX01-ESW02	1256090.377	245789.2675	NM	7	7	ft	G05-EX01-ESW02-07	10/10/2013	Gasoline-range organics	30	5000	2.5	mg/kg		TRUE	FALSE	
Soil	G05-EX01-ESW02	1256090.377	245789.2675	NM	7	7	ft	G05-EX01-ESW02-07	10/10/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G06-EX01-BTM03	1256078.039	245776.2066	NM	10.5	10.5	ft	G06-EX01-BTM03-10.5	10/14/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G06-EX01-BTM03	1256078.039	245776.2066	NM	10.5	10.5	ft	G06-EX01-BTM03-10.5	10/14/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	G06-EX01-BTM03	1256078.039	245776.2066	NM	10.5	10.5	ft	G06-EX01-BTM03-10.5	10/14/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	G07-EX01-BTM01	1256080.391	245762.578	NM	12	12	ft	G07-EX01-BTM01-12	10/15/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	G07-EX01-BTM01	1256080.391	245762.578	NM	12	12	ft	G07-EX01-BTM01-12	10/15/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	G07-EX01-BTM01	1256080.391	245762.578	NM	12	12	ft	G07-EX01-BTM01-12	10/15/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Trichloroethene	0.02	1	0.0018	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Vinyl chloride			0.0018	mg/kg	U	FALSE	TRUE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Arsenic	7.3		3.9	mg/kg		TRUE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Gasoline-range organics	30	5000	6	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Pentachlorophenol	0.05		0.065	mg/kg	U	FALSE	TRUE	
Soil	GP01	1256254.364	245225.8115	NM	8	8	ft	GP01-8	8/31/2006	Benzene	0.02		0.0034	mg/kg		TRUE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	11	11	ft	GP01-11	8/31/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	11	11	ft	GP01-11	8/31/2006	Gasoline-range organics	30	5000	4.4	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	11	11	ft	GP01-11	8/31/2006	Trichloroethene	0.02	1	0.00082	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	11	11	ft	GP01-11	8/31/2006	Vinyl chloride			0.00082	mg/kg	U	FALSE	TRUE	
Soil	GP01	1256254.364	245225.8115	NM	11	11	ft	GP01-11	8/31/2006	Benzene	0.02		0.0008	mg/kg		TRUE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	15	15	ft	GP01-15	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	15	15	ft	GP01-15	8/31/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	15	15	ft	GP01-15	8/31/2006	Trichloroethene	0.02	1	0.0015	mg/kg	U	FALSE	FALSE	
Soil	GP01	1256254.364	245225.8115	NM	15	15	ft	GP01-15	8/31/2006	Vinyl chloride			0.0015	mg/kg	U	FALSE	TRUE	
Soil	GP01	1256254.364	245225.8115	NM	15	15	ft	GP01-15	8/31/2006	Benzene	0.02		0.00091	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Pentachlorophenol	0.05		0.062	mg/kg	U	FALSE	TRUE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Arsenic	7.3		5.8	mg/kg		TRUE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	8	8	ft	GP02-8	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	11	11	ft	GP02-11	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	11	11	ft	GP02-11	8/31/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	11	11	ft	GP02-11	8/31/2006	Gasoline-range organics	30	5000	4.3	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	11	11	ft	GP02-11	8/31/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP02	1256356.295	245229.0162	NM	11	11	ft	GP02-11	8/31/2006	Benzene	0.02		0.00096	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	15	15	ft	GP02-15	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	15	15	ft	GP02-15	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP02	1256356.295	245229.0162	NM	15	15	ft	GP02-15	8/31/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	15	15	ft	GP02-15	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP02	1256356.295	245229.0162	NM	15	15	ft	GP02-15	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Arsenic	7.3		2.7	mg/kg		TRUE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Pentachlorophenol	0.05		0.062	mg/kg	U	FALSE	TRUE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Gasoline-range organics	30	5000	5.5	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	6	6	ft	GP03-6	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	12	12	ft	GP03-12	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	12	12	ft	GP03-12	8/31/2006	Trichloroethene	0.02	1	0.0019	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	12	12	ft	GP03-12	8/31/2006	Vinyl chloride			0.0019	mg/kg	U	FALSE	TRUE	
Soil	GP03	1256449.544	245225.4693	NM	12	12	ft	GP03-12	8/31/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	GP03	1256449.544	245225.4693	NM	12	12	ft	GP03-12	8/31/2006	Benzene	0.02		0.0011	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Gasoline-range organics	30	5000	5.1	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Arsenic	7.3		14	mg/kg		TRUE	TRUE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Pentachlorophenol	0.05		0.059	mg/kg	U	FALSE	TRUE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP04	1256528.302	245227.2124	NM	8	8	ft	GP04-8	8/31/2006	Benzene	0.02		0.00095	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	10	10	ft	GP04-10	8/31/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	10	10	ft	GP04-10	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	10	10	ft	GP04-10	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP04	1256528.302	245227.2124	NM	10	10	ft	GP04-10	8/31/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	10	10	ft	GP04-10	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	15	15	ft	GP04-15	8/31/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	15	15	ft	GP04-15	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	15	15	ft	GP04-15	8/31/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	GP04	1256528.302	245227.2124	NM	15	15	ft	GP04-15	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP04	1256528.302	245227.2124	NM	15	15	ft	GP04-15	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Gasoline-range organics	30	5000	4.5	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Arsenic	7.3		1.7	mg/kg		TRUE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Pentachlorophenol	0.05		0.06	mg/kg	U	FALSE	TRUE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	8	8	ft	GP05-8	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	12	12	ft	GP05-12	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	12	12	ft	GP05-12	8/31/2006	Vinyl chloride			0.0019	mg/kg	U	FALSE	TRUE	
Soil	GP05	1256519.919	245331.3517	NM	12	12	ft	GP05-12	8/31/2006	Trichloroethene	0.02	1	0.0019	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	12	12	ft	GP05-12	8/31/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	12	12	ft	GP05-12	8/31/2006	Benzene	0.02		0.0011	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	15	15	ft	GP05-15	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	15	15	ft	GP05-15	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP05	1256519.919	245331.3517	NM	15	15	ft	GP05-15	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	15	15	ft	GP05-15	8/31/2006	Gasoline-range organics	30	5000	4.4	mg/kg	U	FALSE	FALSE	
Soil	GP05	1256519.919	245331.3517	NM	15	15	ft	GP05-15	8/31/2006	Benzene	0.02		0.0011	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Benzene	0.02		0.11	mg/kg	U	FALSE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Total DRO & ORO	2000	12000	12000	mg/kg		TRUE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Vinyl chloride			0.11	mg/kg	U	FALSE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Gasoline-range organics	30	5000	760	mg/kg	CN	TRUE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Arsenic	7.3		1.9	mg/kg		TRUE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Trichloroethene	0.02	1	0.11	mg/kg	U	FALSE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	2	2	ft	GP06-2	8/31/2006	Pentachlorophenol	0.05		2.9	mg/kg	U	FALSE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	9.5	9.5	ft	GP06-9.5	8/31/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	9.5	9.5	ft	GP06-9.5	8/31/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	9.5	9.5	ft	GP06-9.5	8/31/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	9.5	9.5	ft	GP06-9.5	8/31/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	9.5	9.5	ft	GP06-9.5	8/31/2006	Benzene	0.02		0.00097	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	15	15	ft	GP06-15	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	15	15	ft	GP06-15	8/31/2006	Gasoline-range organics	30	5000	4.6	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	15	15	ft	GP06-15	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP06	1256421.903	245330.5498	NM	15	15	ft	GP06-15	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP06	1256421.903	245330.5498	NM	15	15	ft	GP06-15	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Pentachlorophenol	0.05		0.061	mg/kg	U	FALSE	TRUE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Arsenic	7.3		2.3	mg/kg		TRUE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP07	1256368.539	245326.8815	NM	5.5	5.5	ft	GP07-5.5	8/31/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	12	12	ft	GP07-12	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	12	12	ft	GP07-12	8/31/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	12	12	ft	GP07-12	8/31/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP07	1256368.539	245326.8815	NM	12	12	ft	GP07-12	8/31/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP07	1256368.539	245326.8815	NM	12	12	ft	GP07-12	8/31/2006	Benzene	0.02		0.00094	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Benzene	0.02		0.5	mg/kg		TRUE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Total DRO & ORO	2000	12000	620	mg/kg		TRUE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Trichloroethene	0.02	1	0.099	mg/kg	U	FALSE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Arsenic	7.3		4.2	mg/kg		TRUE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Gasoline-range organics	30	5000	760	mg/kg	CN	TRUE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Pentachlorophenol	0.05		1.2	mg/kg	U	FALSE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	2.5	2.5	ft	GP08-2.5	8/31/2006	Vinyl chloride			0.099	mg/kg	U	FALSE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	6	6	ft	GP08-6	8/31/2006	Total DRO & ORO	2000	12000	33	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	6	6	ft	GP08-6	8/31/2006	Trichloroethene	0.02	1	0.0018	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	6	6	ft	GP08-6	8/31/2006	Vinyl chloride			0.0018	mg/kg	U	FALSE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																			
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	GP08	1256248.835	245331.7657	NM	6	6	ft	GP08-6	8/31/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	6	6	ft	GP08-6	8/31/2006	Benzene	0.02		0.0011	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	12	12	ft	GP08-12	8/31/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	12	12	ft	GP08-12	8/31/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	12	12	ft	GP08-12	8/31/2006	Gasoline-range organics	30	5000	4.6	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	12	12	ft	GP08-12	8/31/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	12	12	ft	GP08-12	8/31/2006	Benzene	0.02		0.00098	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	15	15	ft	GP08-15	8/31/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	15	15	ft	GP08-15	8/31/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	15	15	ft	GP08-15	8/31/2006	Vinyl chloride			0.0015	mg/kg	U	FALSE	TRUE	
Soil	GP08	1256248.835	245331.7657	NM	15	15	ft	GP08-15	8/31/2006	Trichloroethene	0.02	1	0.0015	mg/kg	U	FALSE	FALSE	
Soil	GP08	1256248.835	245331.7657	NM	15	15	ft	GP08-15	8/31/2006	Benzene	0.02		0.00089	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Pentachlorophenol	0.05		0.062	mg/kg	U	FALSE	TRUE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Vinyl chloride			0.0029	mg/kg	U	FALSE	TRUE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Trichloroethene	0.02	1	0.0029	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Arsenic	7.3		2.5	mg/kg		TRUE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	8	8	ft	GP09-8	9/1/2006	Benzene	0.02		0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	12	12	ft	GP09-12	9/1/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	12	12	ft	GP09-12	9/1/2006	Vinyl chloride			0.0027	mg/kg	U	FALSE	TRUE	
Soil	GP09	1256168.872	245315.0541	NM	12	12	ft	GP09-12	9/1/2006	Gasoline-range organics	30	5000	5.6	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	12	12	ft	GP09-12	9/1/2006	Trichloroethene	0.02	1	0.0027	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	12	12	ft	GP09-12	9/1/2006	Benzene	0.02		0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	15	15	ft	GP09-15	9/1/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	15	15	ft	GP09-15	9/1/2006	Gasoline-range organics	30	5000	5.4	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	15	15	ft	GP09-15	9/1/2006	Vinyl chloride			0.0026	mg/kg	U	FALSE	TRUE	
Soil	GP09	1256168.872	245315.0541	NM	15	15	ft	GP09-15	9/1/2006	Trichloroethene	0.02	1	0.0026	mg/kg	U	FALSE	FALSE	
Soil	GP09	1256168.872	245315.0541	NM	15	15	ft	GP09-15	9/1/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	GP10	1256366.39	245391.5618	NM	15	15	ft	GP10- 15	9/1/2006	Benzene	0.02		0.45	mg/kg		TRUE	TRUE	
Soil	GP10	1256366.39	245391.5618	NM	15	15	ft	GP10- 15	9/1/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP10	1256366.39	245391.5618	NM	15	15	ft	GP10- 15	9/1/2006	Gasoline-range organics	30	5000	6.4	mg/kg		TRUE	FALSE	
Soil	GP10	1256366.39	245391.5618	NM	15	15	ft	GP10- 15	9/1/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP10	1256366.39	245391.5618	NM	15	15	ft	GP10- 15	9/1/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Arsenic	7.3		2.2	mg/kg		TRUE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Pentachlorophenol	0.05		0.058	mg/kg	U	FALSE	TRUE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	8	8	ft	GP11- 8	9/1/2006	Benzene	0.02		0.00097	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	10	10	ft	GP11- 10	9/1/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	10	10	ft	GP11- 10	9/1/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	10	10	ft	GP11- 10	9/1/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	10	10	ft	GP11- 10	9/1/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP11	1256440.493	245387.113	NM	10	10	ft	GP11- 10	9/1/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	15	15	ft	GP11- 15	9/1/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	15	15	ft	GP11- 15	9/1/2006	Vinyl chloride			0.0015	mg/kg	U	FALSE	TRUE	
Soil	GP11	1256440.493	245387.113	NM	15	15	ft	GP11- 15	9/1/2006	Gasoline-range organics	30	5000	4.4	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	15	15	ft	GP11- 15	9/1/2006	Trichloroethene	0.02	1	0.0015	mg/kg	U	FALSE	FALSE	
Soil	GP11	1256440.493	245387.113	NM	15	15	ft	GP11- 15	9/1/2006	Benzene	0.02		0.00092	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Arsenic	7.3		6.3	mg/kg		TRUE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Pentachlorophenol	0.05		0.06	mg/kg	U	FALSE	TRUE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Gasoline-range organics	30	5000	5.1	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	12	12	ft	GP12-12	9/1/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	15	15	ft	GP12-15	9/1/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	15	15	ft	GP12-15	9/1/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	15	15	ft	GP12-15	9/1/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP12	1256528.268	245401.2764	NM	15	15	ft	GP12-15	9/1/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	GP12	1256528.268	245401.2764	NM	15	15	ft	GP12-15	9/1/2006	Benzene	0.02		0.001	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Gasoline-range organics	30	5000	5.1	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Pentachlorophenol	0.05		0.055	mg/kg	U	FALSE	TRUE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Vinyl chloride			0.0019	mg/kg	U	FALSE	TRUE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Trichloroethene	0.02	1	0.0019	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Arsenic	7.3		2.2	mg/kg		TRUE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	8	8	ft	GP13-8	9/1/2006	Benzene	0.02		0.0011	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	12	12	ft	GP13-12	9/1/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	12	12	ft	GP13-12	9/1/2006	Gasoline-range organics	30	5000	4.6	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	12	12	ft	GP13-12	9/1/2006	Vinyl chloride			0.0017	mg/kg	U	FALSE	TRUE	
Soil	GP13	1256440.629	245466.5751	NM	12	12	ft	GP13-12	9/1/2006	Trichloroethene	0.02	1	0.0017	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	12	12	ft	GP13-12	9/1/2006	Benzene	0.02		0.0017	mg/kg		TRUE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	14	14	ft	GP13-14	9/1/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	14	14	ft	GP13-14	9/1/2006	Gasoline-range organics	30	5000	4.3	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	14	14	ft	GP13-14	9/1/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP13	1256440.629	245466.5751	NM	14	14	ft	GP13-14	9/1/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP13	1256440.629	245466.5751	NM	14	14	ft	GP13-14	9/1/2006	Benzene	0.02		0.00094	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Total DRO & ORO	2000	12000	1400	mg/kg		TRUE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Vinyl chloride			0.0019	mg/kg	U	FALSE	TRUE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Arsenic	7.3		5.3	mg/kg		TRUE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Trichloroethene	0.02	1	0.0019	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Pentachlorophenol	0.05		1.2	mg/kg	U	FALSE	TRUE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Gasoline-range organics	30	5000	12	mg/kg		TRUE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	7	7	ft	GP14-7	9/1/2006	Benzene	0.02		0.012	mg/kg		TRUE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	10	10	ft	GP14-10	9/1/2006	Benzene	0.02		0.074	mg/kg		TRUE	TRUE	
Soil	GP14	1256368.714	245471.1001	NM	10	10	ft	GP14-10	9/1/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	10	10	ft	GP14-10	9/1/2006	Gasoline-range organics	30	5000	5.2	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	10	10	ft	GP14-10	9/1/2006	Vinyl chloride			0.0016	mg/kg	U	FALSE	TRUE	
Soil	GP14	1256368.714	245471.1001	NM	10	10	ft	GP14-10	9/1/2006	Trichloroethene	0.02	1	0.0016	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	15	15	ft	GP14-15	9/1/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	15	15	ft	GP14-15	9/1/2006	Trichloroethene	0.02	1	0.0015	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	15	15	ft	GP14-15	9/1/2006	Vinyl chloride			0.0015	mg/kg	U	FALSE	TRUE	
Soil	GP14	1256368.714	245471.1001	NM	15	15	ft	GP14-15	9/1/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	GP14	1256368.714	245471.1001	NM	15	15	ft	GP14-15	9/1/2006	Benzene	0.02		0.0009	mg/kg	U	FALSE	FALSE	
Soil	GP15	1256275.193	245382.8669	NM	4	4	ft	GP15-4	9/5/2006	Pentachlorophenol	0.05		0.058	mg/kg	U	FALSE	TRUE	
Soil	GP15	1256275.193	245382.8669	NM	10	10	ft	GP15-10	9/5/2006	Pentachlorophenol	0.05		0.06	mg/kg	U	FALSE	TRUE	
Soil	GP16	1256275.975	245412.9016	NM	9.5	9.5	ft	GP16-9.5	9/5/2006	Pentachlorophenol	0.05		0.058	mg/kg	U	FALSE	TRUE	
Soil	GP18	1256244.894	245382.805	NM	4	4	ft	GP18-4	9/5/2006	Pentachlorophenol	0.05		0.062	mg/kg	U	FALSE	TRUE	
Soil	GP18	1256244.894	245382.805	NM	8	8	ft	GP18-8	9/5/2006	Pentachlorophenol	0.05		0.063	mg/kg	U	FALSE	TRUE	
Soil	GP18	1256244.894	245382.805	NM	15	15	ft	GP18-15	9/5/2006	Pentachlorophenol	0.05		0.062	mg/kg	U	FALSE	TRUE	
Soil	GP19	1256246.461	245410.4711	NM	7	7	ft	GP19-7	9/5/2006	Pentachlorophenol	0.05		0.19	mg/kg		TRUE	TRUE	
Soil	GP19	1256246.461	245410.4711	NM	12	12	ft	GP19-12	9/5/2006	Pentachlorophenol	0.05		0.16	mg/kg		TRUE	TRUE	
Soil	GP19	1256246.461	245410.4711	NM	15	15	ft	GP19-15	9/5/2006	Pentachlorophenol	0.05		0.061	mg/kg	U	FALSE	TRUE	
Soil	GP20	1256247.068	245436.0787	NM	15	15	ft	GP20-15	9/5/2006	Pentachlorophenol	0.05		0.064	mg/kg	U	FALSE	TRUE	
Soil	GP22	1256100.81	245699.8122	NM	4	4	ft	GP22-04	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	4	4	ft	GP22-04	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	4	4	ft	GP22-04	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	8	8	ft	GP22-08	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	8	8	ft	GP22-08	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	8	8	ft	GP22-08	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	15	15	ft	GP22-15	10/11/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	15	15	ft	GP22-15	10/11/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	GP22	1256100.81	245699.8122	NM	15	15	ft	GP22-15	10/11/2007	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	GP26	1256099.389	245806.084	NM	5	5	ft	GP26-05	10/12/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	GP26	1256099.389	245806.084	NM	5	5	ft	GP26-05	10/12/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	GP26	1256099.389	245806.084	NM	5	5	ft	GP26-05	10/12/2007	Gasoline-range organics	30	5000	19	mg/kg		TRUE	FALSE	
Soil	GP26	1256099.389	245806.084	NM	12	12	ft	GP26-12.0	10/12/2007	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	GP26	1256099.389	245806.084	NM	12	12	ft	GP26-12.0	10/12/2007	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	GP26	1256099.389	245806.084	NM	12	12	ft	GP26-12.0	10/12/2007	Gasoline-range organics	30	5000	3	mg/kg		TRUE	FALSE	
Soil	H02-EX01-BTM01	1256095.575	245857.4179	NM	5	5	ft	H02-EX01-BTM01-05	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	H02-EX01-BTM01	1256095.575	245857.4179	NM	5	5	ft	H02-EX01-BTM01-05	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H02-EX01-BTM01	1256095.575	245857.4179	NM	5	5	ft	H02-EX01-BTM01-05	10/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	H02-EX01-ESW01	1256098.524	245862.2556	NM	4	4	ft	H02-EX01-ESW01-04	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	H02-EX01-ESW01	1256098.524	245862.2556	NM	4	4	ft	H02-EX01-ESW01-04	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H02-EX01-ESW01	1256098.524	245862.2556	NM	4	4	ft	H02-EX01-ESW01-04	10/7/2013	Gasoline-range organics	30	5000	3.5	mg/kg		TRUE	FALSE	
Soil	H03-EX01-BTM01	1256096.894	245830.6185	NM	6.5	6.5	ft	H03-EX01-BTM01-06.5	10/8/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H03-EX01-NSW01	1256098.965	245839.2681	NM	5.5	5.5	ft	H03-EX01-NSW01-05.5	10/8/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW01	1256090.884	245772.5261	NM	8	8	ft	H06-EX01-ESW01-08	10/15/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW01	1256090.884	245772.5261	NM	8	8	ft	H06-EX01-ESW01-08	10/15/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW01	1256090.884	245772.5261	NM	8	8	ft	H06-EX01-ESW01-08	10/15/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW03	1256091.133	245769.9743	NM	15	15	ft	H06-EX01-ESW03-15	10/15/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW03	1256091.133	245769.9743	NM	15	15	ft	H06-EX01-ESW03-15	10/15/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW03	1256091.133	245769.9743	NM	15	15	ft	H06-EX01-ESW03-15	10/15/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW04	1256091.22	245767.5521	NM	16	16	ft	H06-EX01-ESW04-16	10/15/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW04	1256091.22	245767.5521	NM	16	16	ft	H06-EX01-ESW04-16	10/15/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	H06-EX01-ESW04	1256091.22	245767.5521	NM	16	16	ft	H06-EX01-ESW04-16	10/15/2013	Gasoline-range organics	30	5000	3.2	mg/kg		TRUE	FALSE	
Soil	HQ-B	1256167.414	245568.5468	NM	12	12	ft	HQ-B-12	4/22/2006	Benzene	0.02		0.03	mg/kg		TRUE	TRUE	
Soil	HQ-B	1256167.414	245568.5468	NM	12	12	ft	HQ-B-12	4/22/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	HQ-B	1256167.414	245568.5468	NM	12	12	ft	HQ-B-12	4/22/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	HQ-E	1256174.705	245568.1561	NM	8	8	ft	HQ-E-8	4/22/2006	Benzene	0.02		0.021	mg/kg	U	FALSE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	HQ-E	1256174.705	245568.1561	NM	8	8	ft	HQ-E-8	4/22/2006	Total DRO & ORO	2000	12000	130	mg/kg		TRUE	FALSE	
Soil	HQ-E	1256174.705	245568.1561	NM	8	8	ft	HQ-E-8	4/22/2006	Gasoline-range organics	30	5000	78	mg/kg		TRUE	TRUE	
Soil	HQ-N	1256167.544	245570.8905	NM	8	8	ft	HQ-N-8	4/22/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	HQ-N	1256167.544	245570.8905	NM	8	8	ft	HQ-N-8	4/22/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	HQ-N	1256167.544	245570.8905	NM	8	8	ft	HQ-N-8	4/22/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	HQ-S	1256167.414	245565.552	NM	8	8	ft	HQ-S-8	4/22/2006	Benzene	0.02		0.024	mg/kg	U	FALSE	TRUE	
Soil	HQ-S	1256167.414	245565.552	NM	8	8	ft	HQ-S-8	4/22/2006	Total DRO & ORO	2000	12000	36	mg/kg	U	FALSE	FALSE	
Soil	HQ-S	1256167.414	245565.552	NM	8	8	ft	HQ-S-8	4/22/2006	Gasoline-range organics	30	5000	7.4	mg/kg	U	FALSE	FALSE	
Soil	HQ-W	1256159.601	245568.677	NM	8	8	ft	HQ-W-8	4/22/2006	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	HQ-W	1256159.601	245568.677	NM	8	8	ft	HQ-W-8	4/22/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	HQ-W	1256159.601	245568.677	NM	8	8	ft	HQ-W-8	4/22/2006	Gasoline-range organics	30	5000	6	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-BTM01	1256115.483	245834.7572	NM	6	6	ft	I03-EX01-BTM01-06	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-BTM01	1256115.483	245834.7572	NM	6	6	ft	I03-EX01-BTM01-06	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-BTM01	1256115.483	245834.7572	NM	6	6	ft	I03-EX01-BTM01-06	10/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-ESW01	1256127.886	245837.3487	NM	5	5	ft	I03-EX01-ESW01-05	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-ESW01	1256127.886	245837.3487	NM	5	5	ft	I03-EX01-ESW01-05	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-ESW01	1256127.886	245837.3487	NM	5	5	ft	I03-EX01-ESW01-05	10/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-NSW01	1256118.361	245845.2389	NM	5	5	ft	I03-EX01-NSW01-05	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-NSW01	1256118.361	245845.2389	NM	5	5	ft	I03-EX01-NSW01-05	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-NSW01	1256118.361	245845.2389	NM	5	5	ft	I03-EX01-NSW01-05	10/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-SSW01	1256121.473	245828.7676	NM	5	5	ft	I03-EX01-SSW01-05	10/7/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-SSW01	1256121.473	245828.7676	NM	5	5	ft	I03-EX01-SSW01-05	10/7/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	I03-EX01-SSW01	1256121.473	245828.7676	NM	5	5	ft	I03-EX01-SSW01-05	10/7/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	LR05	1256231.078	245568.6895	NM	15	15	ft	LR05-15	12/4/2002	Benzene	0.02		0.6	mg/kg	U	FALSE	TRUE	
Soil	LR05	1256231.078	245568.6895	NM	15	15	ft	LR05-15	12/4/2002	Total DRO & ORO	2000	12000	5800	mg/kg		TRUE	TRUE	
Soil	LR05	1256231.078	245568.6895	NM	15	15	ft	LR05-15	12/4/2002	Gasoline-range organics	30	5000	940	mg/kg		TRUE	TRUE	
Soil	M2-NE-EX03-SSW01	1256204.82	245400.38	NM	1	1	ft	M2-NE-EX03-SSW01-45	9/21/2012	Benzene	0.02		0.046	mg/kg		TRUE	TRUE	
Soil	M2-NE-EX03-SSW01	1256204.82	245400.38	NM	1	1	ft	M2-NE-EX03-SSW01-45	9/21/2012	Total DRO & ORO	2000	12000	1100	mg/kg		TRUE	FALSE	
Soil	M2-NE-EX03-SSW01	1256204.82	245400.38	NM	1	1	ft	M2-NE-EX03-SSW01-45	9/21/2012	Gasoline-range organics	30	5000	16	mg/kg		TRUE	FALSE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Gasoline-range organics	30	5000	4.9	mg/kg	U	FALSE	FALSE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Pentachlorophenol	0.05		0.54	mg/kg	U	FALSE	TRUE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Arsenic	7.3		5.6	mg/kg		TRUE	FALSE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Trichloroethene	0.02	1	0.0029	mg/kg	U	FALSE	FALSE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Vinyl chloride			0.0029	mg/kg	U	FALSE	TRUE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Total DRO & ORO	2000	12000	26	mg/kg	U	FALSE	FALSE	
Soil	MW01	1255705.618	245538.6769	46.44	11	11	ft	B01-11	4/17/2006	Benzene	0.02		0.0017	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Vinyl chloride			0.0022	mg/kg	U	FALSE	TRUE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Gasoline-range organics	30	5000	5.6	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Pentachlorophenol	0.05		0.58	mg/kg	U	FALSE	TRUE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Trichloroethene	0.02	1	0.0022	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Arsenic	7.3		6.7	mg/kg		TRUE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	4.5	4.5	ft	B02-4.5	4/17/2006	Benzene	0.02		0.0013	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Gasoline-range organics	30	5000	5.1	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Pentachlorophenol	0.05		0.57	mg/kg	U	FALSE	TRUE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Trichloroethene	0.02	1	0.0031	mg/kg		TRUE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Arsenic	7.3		4.3	mg/kg		TRUE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Vinyl chloride			0.0023	mg/kg	U	FALSE	TRUE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	MW02	1255701.301	245596.6405	46.73	11	11	ft	B02-11	4/17/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Benzene	0.02		0.14	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Vinyl chloride			0.14	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Trichloroethene	0.02	1	0.14	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Arsenic	7.3		9.8	mg/kg		TRUE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Pentachlorophenol	0.05		0.58	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Gasoline-range organics	30	5000	4700	mg/kg	CN	TRUE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	6	6	ft	B03-6	4/18/2006	Total DRO & ORO	2000	12000	2200	mg/kg		TRUE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Pentachlorophenol	0.05		0.63	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Arsenic	7.3		1.4	mg/kg		TRUE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Trichloroethene	0.02	1	0.0023	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Gasoline-range organics	30	5000	5.4	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Vinyl chloride			0.0023	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	12	12	ft	B03-12	4/18/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Pentachlorophenol	0.05		0.64	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Gasoline-range organics	30	5000	5.2	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Arsenic	7.3		2	mg/kg		TRUE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	MW03	1255806.658	245528.2648	46.2	16	16	ft	B03-16	4/18/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Vinyl chloride			0.0022	mg/kg	U	FALSE	TRUE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Gasoline-range organics	30	5000	4.7	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Arsenic	7.3		2.1	mg/kg		TRUE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Trichloroethene	0.02	1	0.0022	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Pentachlorophenol	0.05		0.62	mg/kg	U	FALSE	TRUE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	10	10	ft	B04-10	4/18/2006	Benzene	0.02		0.0013	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Benzene	0.02		0.0018	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Trichloroethene	0.02	1	0.003	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Vinyl chloride			0.003	mg/kg	U	FALSE	TRUE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Pentachlorophenol	0.05		0.59	mg/kg	U	FALSE	TRUE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Arsenic	7.3		2.4	mg/kg		TRUE	FALSE	
Soil	MW04	1255818.651	245542.3071	46.27	22	22	ft	B04-22	4/18/2006	Total DRO & ORO	2000	12000	29	mg/kg	U	FALSE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Gasoline-range organics	30	5000	57	mg/kg	CN	TRUE	TRUE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Pentachlorophenol	0.05		0.68	mg/kg	U	FALSE	TRUE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Arsenic	7.3		8.1	mg/kg		TRUE	TRUE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Trichloroethene	0.02	1	0.0025	mg/kg	U	FALSE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Total DRO & ORO	2000	12000	200	mg/kg		TRUE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	1.5	1.5	ft	B05-1.5	4/19/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Benzene	0.02		0.0046	mg/kg		TRUE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Vinyl chloride			0.0025	mg/kg	U	FALSE	TRUE	
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Arsenic	7.3		3.1	mg/kg		TRUE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Trichloroethene	0.02	1	5.4	mg/kg		TRUE	TRUE	EXCEED
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Pentachlorophenol	0.05		0.59	mg/kg	U	FALSE	TRUE	
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Gasoline-range organics	30	5000	4.8	mg/kg	U	FALSE	FALSE	
Soil	MW05	1255843.43	245549.8824	45.82	22.5	22.5	ft	B05-22.5	4/19/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Vinyl chloride			0.0024	mg/kg	U	FALSE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Trichloroethene	0.02	1	0.0024	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Pentachlorophenol	0.05		2.9	mg/kg	U	FALSE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Gasoline-range organics	30	5000	140	mg/kg	CN	TRUE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Arsenic	7.3		4.2	mg/kg		TRUE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Total DRO & ORO	2000	12000	2300	mg/kg		TRUE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Pentachlorophenol	0.05		2.9	mg/kg	U	FALSE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Vinyl chloride			0.002	mg/kg	U	FALSE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Gasoline-range organics	30	5000	81	mg/kg	CN	TRUE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Arsenic	7.3		3.4	mg/kg		TRUE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Trichloroethene	0.02	1	0.002	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Total DRO & ORO	2000	12000	4700	mg/kg		TRUE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B06-2	4/19/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	2	2	ft	B99-2	4/19/2006	Benzene	0.02		0.0012	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Arsenic	7.3		2.2	mg/kg		TRUE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Vinyl chloride			0.0024	mg/kg	U	FALSE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Pentachlorophenol	0.05		0.55	mg/kg	U	FALSE	TRUE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Trichloroethene	0.02	1	0.0024	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Total DRO & ORO	2000	12000	28	mg/kg	U	FALSE	FALSE	
Soil	MW06	1255807.834	245589.7193	45.76	21.5	21.5	ft	B06-21.5	4/19/2006	Benzene	0.02		0.0015	mg/kg	U	FALSE	FALSE	
Soil	N1	1256170.148	245572.0624	NM	12	12	ft	1991-UST-Excavation-N1	9/16/1991	Benzene	0.02		0.003	mg/kg		TRUE	FALSE	
Soil	N1	1256170.148	245572.0624	NM	12	12	ft	1991-UST-Excavation-N1	9/16/1991	Total DRO & ORO	2000	12000	17	mg/kg		TRUE	FALSE	
Soil	N1	1256170.148	245572.0624	NM	12	12	ft	1991-UST-Excavation-N1	9/16/1991	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	NSW/WSW	1256186.474	245481.6708	NM	4.5	4.5	ft	NSW/WSW-Composite	6/24/2010	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	NSW/WSW	1256186.474	245481.6708	NM	4.5	4.5	ft	NSW/WSW-Composite	6/24/2010	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	NW1	1256156.867	245571.5415	NM	11.5	11.5	ft	991-UST-Excavation-NW1	9/16/1991	Benzene	0.02		0.005	mg/kg		TRUE	FALSE	
Soil	NW1	1256156.867	245571.5415	NM	11.5	11.5	ft	991-UST-Excavation-NW1	9/16/1991	Total DRO & ORO	2000	12000	50	mg/kg	U	FALSE	FALSE	
Soil	NW1	1256156.867	245571.5415	NM	11.5	11.5	ft	991-UST-Excavation-NW1	9/16/1991	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	S1	1256171.971	245551.8801	NM	9	9	ft	1991-UST-Excavation-S1	9/16/1991	Benzene	0.02		0.22	mg/kg	U	FALSE	TRUE	
Soil	S1	1256171.971	245551.8801	NM	9	9	ft	1991-UST-Excavation-S1	9/16/1991	Gasoline-range organics	30	5000	19	mg/kg		TRUE	FALSE	
Soil	S1	1256171.971	245551.8801	NM	9	9	ft	1991-UST-Excavation-S1	9/16/1991	Total DRO & ORO	2000	12000	76	mg/kg		TRUE	FALSE	
Soil	SB-01	1256266.686	245393.978	NM	2	2	ft	SB-01-2	11/1/2000	Pentachlorophenol	0.05		0.25	mg/kg	U	FALSE	TRUE	
Soil	SB-01	1256266.686	245393.978	NM	5	5	ft	SB-01-5	11/1/2000	Pentachlorophenol	0.05		0.087	mg/kg		TRUE	TRUE	
Soil	SB-01	1256266.686	245393.978	NM	10	10	ft	SB-01-10	11/1/2000	Pentachlorophenol	0.05		0.081	mg/kg		TRUE	TRUE	
Soil	SB-01	1256266.686	245393.978	NM	14	14	ft	SB-01-14	11/1/2000	Pentachlorophenol	0.05		0.058	mg/kg		TRUE	TRUE	
Soil	SB-02	1256266.686	245405.2627	NM	10	10	ft	SB-02-10	11/1/2000	Pentachlorophenol	0.05		0.061	mg/kg		TRUE	TRUE	
Soil	SB-02	1256266.686	245405.2627	NM	14	14	ft	SB-02-14	11/1/2000	Pentachlorophenol	0.05		0.059	mg/kg		TRUE	TRUE	
Soil	SB-05	1256257.398	245398.0579	NM	2	2	ft	SB-05-2	11/1/2000	Pentachlorophenol	0.05		0.076	mg/kg		TRUE	TRUE	
Soil	SB-05	1256257.398	245398.0579	NM	5	5	ft	SB-05-5	11/1/2000	Pentachlorophenol	0.05		0.26	mg/kg		TRUE	TRUE	
Soil	SB-05	1256257.398	245398.0579	NM	10	10	ft	SB-05-10	11/1/2000	Pentachlorophenol	0.05		0.098	mg/kg		TRUE	TRUE	
Soil	SB-06	1255947.258	245364.7572	NM	5	5	ft	SB-06-5	1/1/2001	Pentachlorophenol	0.05		0.25	mg/kg	U	FALSE	TRUE	
Soil	SB-06	1255947.258	245364.7572	NM	10	10	ft	SB-06-10	1/1/2001	Pentachlorophenol	0.05		0.055	mg/kg		TRUE	TRUE	
Soil	SB-06	1255947.258	245364.7572	NM	15	15	ft	SB-06-15	1/1/2001	Pentachlorophenol	0.05		0.055	mg/kg		TRUE	TRUE	

Attachment 1: Table B-1: Soil Samples Remaining on Site																		
Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	SB-07	1255957.675	245338.1947	NM	5	5	ft	SB-07-5	1/1/2001	Pentachlorophenol	0.05		0.25	mg/kg	U	FALSE	TRUE	
Soil	SB-07	1255957.675	245338.1947	NM	10	10	ft	SB-07-10	1/1/2001	Pentachlorophenol	0.05		0.25	mg/kg	U	FALSE	TRUE	
Soil	SB-07	1255957.675	245338.1947	NM	15	15	ft	SB-07-15	1/1/2001	Pentachlorophenol	0.05		0.057	mg/kg		TRUE	TRUE	
Soil	SB-08	1255995.045	245322.4395	NM	5	5	ft	SB-08-5	1/1/2001	Pentachlorophenol	0.05		0.056	mg/kg		TRUE	TRUE	
Soil	SB-15	1256377.128	245307.4048	NM	2	2	ft	SB-15-2	1/1/2001	Benzene	0.02		0.5	mg/kg	U	FALSE	TRUE	
Soil	SB-15	1256377.128	245307.4048	NM	2	2	ft	SB-15-2	1/1/2001	Total DRO & ORO	2000	12000	3200	mg/kg		TRUE	TRUE	
Soil	SB-15	1256377.128	245307.4048	NM	2	2	ft	SB-15-2	1/1/2001	Gasoline-range organics	30	5000	900	mg/kg		TRUE	TRUE	
Soil	SB-19	1256382.553	245490.1305	NM	2	2	ft	SB-19-2	1/1/2001	Benzene	0.02		1	mg/kg	U	FALSE	TRUE	
Soil	SB-19	1256382.553	245490.1305	NM	2	2	ft	SB-19-2	1/1/2001	Total DRO & ORO	2000	12000	4100	mg/kg		TRUE	TRUE	
Soil	SB-19	1256382.553	245490.1305	NM	2	2	ft	SB-19-2	1/1/2001	Gasoline-range organics	30	5000	1500	mg/kg		TRUE	TRUE	
Soil	SB-19	1256382.553	245490.1305	NM	5	5	ft	SB-19-5	1/1/2001	Benzene	0.02		0.5	mg/kg	U	FALSE	TRUE	
Soil	SB-19	1256382.553	245490.1305	NM	5	5	ft	SB-19-5	1/1/2001	Total DRO & ORO	2000	12000	1300	mg/kg		TRUE	FALSE	
Soil	SB-19	1256382.553	245490.1305	NM	5	5	ft	SB-19-5	1/1/2001	Gasoline-range organics	30	5000	960	mg/kg		TRUE	TRUE	
Soil	SB-22	1256512.863	245164.2045	NM	5	5	ft	SB-22-5	1/1/2001	Benzene	0.02		0.25	mg/kg	U	FALSE	TRUE	
Soil	SB-22	1256512.863	245164.2045	NM	5	5	ft	SB-22-5	1/1/2001	Total DRO & ORO	2000	12000	19	mg/kg		TRUE	FALSE	
Soil	SB-22	1256512.863	245164.2045	NM	5	5	ft	SB-22-5	1/1/2001	Gasoline-range organics	30	5000	270	mg/kg		TRUE	TRUE	
Soil	SB-22	1256512.863	245164.2045	NM	10	10	ft	SB-22-10	1/1/2001	Benzene	0.02		0.25	mg/kg	U	FALSE	TRUE	
Soil	SB-22	1256512.863	245164.2045	NM	10	10	ft	SB-22-10	1/1/2001	Total DRO & ORO	2000	12000	6500	mg/kg		TRUE	TRUE	
Soil	SB-22	1256512.863	245164.2045	NM	10	10	ft	SB-22-10	1/1/2001	Gasoline-range organics	30	5000	290	mg/kg		TRUE	TRUE	
Soil	SB-27	1256108.682	245428.7155	NM	5	5	ft	SB-27-5	11/1/2000	Benzene	0.02		0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-27	1256108.682	245428.7155	NM	5	5	ft	SB-27-5	11/1/2000	Total DRO & ORO	2000	12000	1200	mg/kg		TRUE	FALSE	
Soil	SB-27	1256108.682	245428.7155	NM	5	5	ft	SB-27-5	11/1/2000	Gasoline-range organics	30	5000	120	mg/kg		TRUE	TRUE	
Soil	SB-32	1255987.102	245476.476	NM	5	5	ft	SB-32-5	1/1/2001	Benzene	0.02		0.2	mg/kg	U	FALSE	TRUE	
Soil	SB-32	1255987.102	245476.476	NM	5	5	ft	SB-32-5	1/1/2001	Total DRO & ORO	2000	12000	16	mg/kg		TRUE	FALSE	
Soil	SB-32	1255987.102	245476.476	NM	5	5	ft	SB-32-5	1/1/2001	Gasoline-range organics	30	5000	220	mg/kg		TRUE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	2	2	ft	SB-40-2	11/21/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	2	2	ft	SB-40-2	11/21/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	2	2	ft	SB-40-2	11/21/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	2	2	ft	SB-40-2	11/21/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	2	2	ft	SB-40-2	11/21/2000	Arsenic	7.3		2.8	mg/kg		TRUE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	5	5	ft	SB-40-5	11/21/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	5	5	ft	SB-40-5	11/21/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	5	5	ft	SB-40-5	11/21/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	5	5	ft	SB-40-5	11/21/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	5	5	ft	SB-40-5	11/21/2000	Arsenic	7.3		2.6	mg/kg		TRUE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	10	10	ft	SB-40-10	11/21/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	10	10	ft	SB-40-10	11/21/2000	Total DRO & ORO	2000	12000	8.1	mg/kg		TRUE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	10	10	ft	SB-40-10	11/21/2000	Arsenic	7.3		7.2	mg/kg		TRUE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	10	10	ft	SB-40-10	11/21/2000	Trichloroethene	0.02	1	0.17	mg/kg		TRUE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	10	10	ft	SB-40-10	11/21/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	15	15	ft	SB-40-15	11/21/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	15	15	ft	SB-40-15	11/21/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	15	15	ft	SB-40-15	11/21/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-40	1255801.685	245502.2138	NM	15	15	ft	SB-40-15	11/21/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-40	1255801.685	245502.2138	NM	15	15	ft	SB-40-15	11/21/2000	Arsenic	7.3		5.5	mg/kg		TRUE	FALSE	
Soil	SB-45	1255897.519	245579.818	NM	2	2	ft	SB-45-2	1/1/2001	Benzene	0.02		2.5	mg/kg	U	FALSE	TRUE	
Soil	SB-45	1255897.519	245579.818	NM	2	2	ft	SB-45-2	1/1/2001	Total DRO & ORO	2000	12000	5300	mg/kg		TRUE	TRUE	
Soil	SB-45	1255897.519	245579.818	NM	2	2	ft	SB-45-2	1/1/2001	Gasoline-range organics	30	5000	3900	mg/kg		TRUE	TRUE	
Soil	SB-45	1255897.519	245579.818	NM	5	5	ft	SB-45-5	1/1/2001	Benzene	0.02		0.5	mg/kg	U	FALSE	TRUE	
Soil	SB-45	1255897.519	245579.818	NM	5	5	ft	SB-45-5	1/1/2001	Total DRO & ORO	2000	12000	2200	mg/kg		TRUE	TRUE	
Soil	SB-45	1255897.519	245579.818	NM	5	5	ft	SB-45-5	1/1/2001	Gasoline-range organics	30	5000	580	mg/kg		TRUE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	2	2	ft	SB-46-2	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	2	2	ft	SB-46-2	11/28/2000	Total DRO & ORO	2000	12000	240	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	2	2	ft	SB-46-2	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	2	2	ft	SB-46-2	11/28/2000	Arsenic	7.3		5.3	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	5	5	ft	SB-46-5	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	5	5	ft	SB-46-5	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	5	5	ft	SB-46-5	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	5	5	ft	SB-46-5	11/28/2000	Arsenic	7.3		3.9	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	10	10	ft	SB-46-10	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	10	10	ft	SB-46-10	11/28/2000	Total DRO & ORO	2000	12000	11	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	10	10	ft	SB-46-10	11/28/2000	Arsenic	7.3		3.1	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	10	10	ft	SB-46-10	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	15	15	ft	SB-46-15	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	15	15	ft	SB-46-15	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	15	15	ft	SB-46-15	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	15	15	ft	SB-46-15	11/28/2000	Arsenic	7.3		3.5	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	20	20	ft	SB-46-20	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	20	20	ft	SB-46-20	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	20	20	ft	SB-46-20	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	20	20	ft	SB-46-20	11/28/2000	Arsenic	7.3		1.8	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	25	25	ft	SB-46-25	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-46	1255804.463	245602.2138	NM	25	25	ft	SB-46-25	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	25	25	ft	SB-46-25	11/28/2000	Arsenic	7.3		4.3	mg/kg		TRUE	FALSE	
Soil	SB-46	1255804.463	245602.2138	NM	25	25	ft	SB-46-25	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	5	5	ft	SB-47-5	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-47	1255804.81	245591.2763	NM	5	5	ft	SB-47-5	11/28/2000	Total DRO & ORO	2000	12000	250	mg/kg		TRUE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	5	5	ft	SB-47-5	11/28/2000	Arsenic	7.3		6.7	mg/kg		TRUE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	5	5	ft	SB-47-5	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	10	10	ft	SB-47-10	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-47	1255804.81	245591.2763	NM	10	10	ft	SB-47-10	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	10	10	ft	SB-47-10	11/28/2000	Arsenic	7.3		1.6	mg/kg		TRUE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	10	10	ft	SB-47-10	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	15	15	ft	SB-47-15	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-47	1255804.81	245591.2763	NM	15	15	ft	SB-47-15	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	15	15	ft	SB-47-15	11/28/2000	Arsenic	7.3		2.2	mg/kg		TRUE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	15	15	ft	SB-47-15	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	20	20	ft	SB-47-20	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-47	1255804.81	245591.2763	NM	20	20	ft	SB-47-20	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	20	20	ft	SB-47-20	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	20	20	ft	SB-47-20	11/28/2000	Arsenic	7.3		1.6	mg/kg		TRUE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	25	25	ft	SB-47-25	11/28/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-47	1255804.81	245591.2763	NM	25	25	ft	SB-47-25	11/28/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	25	25	ft	SB-47-25	11/28/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-47	1255804.81	245591.2763	NM	25	25	ft	SB-47-25	11/28/2000	Arsenic	7.3		2.9	mg/kg		TRUE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	2	2	ft	SB-48-2	11/29/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-48	1255814.012	245593.5332	NM	2	2	ft	SB-48-2	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	2	2	ft	SB-48-2	11/29/2000	Arsenic	7.3		2.5	mg/kg		TRUE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	2	2	ft	SB-48-2	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	5	5	ft	SB-48-5	11/29/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-48	1255814.012	245593.5332	NM	5	5	ft	SB-48-5	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	5	5	ft	SB-48-5	11/29/2000	Arsenic	7.3		3.2	mg/kg		TRUE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	5	5	ft	SB-48-5	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	10	10	ft	SB-48-10	11/29/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-48	1255814.012	245593.5332	NM	10	10	ft	SB-48-10	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	10	10	ft	SB-48-10	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	10	10	ft	SB-48-10	11/29/2000	Arsenic	7.3		4.7	mg/kg		TRUE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	15	15	ft	SB-48-15	11/29/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-48	1255814.012	245593.5332	NM	15	15	ft	SB-48-15	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	15	15	ft	SB-48-15	11/29/2000	Arsenic	7.3		1.9	mg/kg		TRUE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	15	15	ft	SB-48-15	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	20	20	ft	SB-48-20	11/29/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-48	1255814.012	245593.5332	NM	20	20	ft	SB-48-20	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	20	20	ft	SB-48-20	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	20	20	ft	SB-48-20	11/29/2000	Arsenic	7.3		1.6	mg/kg		TRUE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	25	25	ft	SB-48-25	11/29/2000	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-48	1255814.012	245593.5332	NM	25	25	ft	SB-48-25	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	25	25	ft	SB-48-25	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-48	1255814.012	245593.5332	NM	25	25	ft	SB-48-25	11/29/2000	Arsenic	7.3		2.1	mg/kg		TRUE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	5	5	ft	SB-49-5	11/29/2000	Total DRO & ORO	2000	12000	820	mg/kg		TRUE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	5	5	ft	SB-49-5	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-49	1255812.449	245532.4221	NM	5	5	ft	SB-49-5	11/29/2000	Gasoline-range organics	30	5000	470	mg/kg		TRUE	TRUE	
Soil	SB-49	1255812.449	245532.4221	NM	5	5	ft	SB-49-5	11/29/2000	Arsenic	7.3		8	mg/kg		TRUE	TRUE	
Soil	SB-49	1255812.449	245532.4221	NM	10	10	ft	SB-49-10	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	10	10	ft	SB-49-10	11/29/2000	Arsenic	7.3		1.4	mg/kg		TRUE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	10	10	ft	SB-49-10	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	10	10	ft	SB-49-10	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-49	1255812.449	245532.4221	NM	15	15	ft	SB-49-15	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	15	15	ft	SB-49-15	11/29/2000	Arsenic	7.3		1.8	mg/kg		TRUE	FALSE	
Soil	SB-49	1255812.449	245532.4221	NM	15	15	ft	SB-49-15	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-49	1255812.449	245532.4221	NM	15	15	ft	SB-49-15	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	2	2	ft	SB-50-2	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	2	2	ft	SB-50-2	11/29/2000	Arsenic	7.3		5.6	mg/kg		TRUE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	2	2	ft	SB-50-2	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-50	1255837.276	245537.8041	NM	2	2	ft	SB-50-2	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	5	5	ft	SB-50-5	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	5	5	ft	SB-50-5	11/29/2000	Arsenic	7.3		6.3	mg/kg		TRUE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	5	5	ft	SB-50-5	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	5	5	ft	SB-50-5	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-50	1255837.276	245537.8041	NM	10	10	ft	SB-50-10	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	10	10	ft	SB-50-10	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	10	10	ft	SB-50-10	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-50	1255837.276	245537.8041	NM	10	10	ft	SB-50-10	11/29/2000	Arsenic	7.3		5.9	mg/kg		TRUE	FALSE	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Media	Location Name	XCoord	YCoord	Surface Elevation (NAVD 88)	Upper Sample Depth	Lower Sample Depth	Sample Depth Unit	Field Sample ID	Sample Date	IHS Analyte	CUL	REL	Sample Result	Unit	Qualifier	Detect	CUL Exceedance	REL Exceedance
Soil	SB-50	1255837.276	245537.8041	NM	15	15	ft	SB-50-15	11/29/2000	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	15	15	ft	SB-50-15	11/29/2000	Trichloroethene	0.02	1	0.1	mg/kg	U	FALSE	TRUE	
Soil	SB-50	1255837.276	245537.8041	NM	15	15	ft	SB-50-15	11/29/2000	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-50	1255837.276	245537.8041	NM	15	15	ft	SB-50-15	11/29/2000	Arsenic	7.3		1.4	mg/kg		TRUE	FALSE	
Soil	SB-52	1256256.877	245383.5614	NM	10	10	ft	SB-52-10	7/16/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-52	1256256.877	245383.5614	NM	10	10	ft	SB-52-10	7/16/2001	Total DRO & ORO	2000	12000	10	mg/kg		TRUE	FALSE	
Soil	SB-52	1256256.877	245383.5614	NM	10	10	ft	SB-52-10	7/16/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-52	1256256.877	245383.5614	NM	10	10	ft	SB-52-10	7/16/2001	Pentachlorophenol	0.05		0.13	mg/kg		TRUE	TRUE	
Soil	SB-53	1256261.304	245409.603	NM	5	5	ft	SB-53-5	7/16/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-53	1256261.304	245409.603	NM	5	5	ft	SB-53-5	7/16/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-53	1256261.304	245409.603	NM	5	5	ft	SB-53-5	7/16/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	SB-53	1256261.304	245409.603	NM	5	5	ft	SB-53-5	7/16/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-53	1256261.304	245409.603	NM	10	10	ft	SB-53-10	7/16/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-53	1256261.304	245409.603	NM	10	10	ft	SB-53-10	7/16/2001	Total DRO & ORO	2000	12000	16	mg/kg		TRUE	FALSE	
Soil	SB-53	1256261.304	245409.603	NM	10	10	ft	SB-53-10	7/16/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	SB-53	1256261.304	245409.603	NM	10	10	ft	SB-53-10	7/16/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-54	1256248.284	245408.9086	NM	10	10	ft	SB-54-10	7/16/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-54	1256248.284	245408.9086	NM	10	10	ft	SB-54-10	7/16/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-54	1256248.284	245408.9086	NM	10	10	ft	SB-54-10	7/16/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-54	1256248.284	245408.9086	NM	10	10	ft	SB-54-10	7/16/2001	Pentachlorophenol	0.05		0.078	mg/kg		TRUE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	2	2	ft	SB-59-2	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	2	2	ft	SB-59-2	7/19/2001	Total DRO & ORO	2000	12000	1000	mg/kg		TRUE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	2	2	ft	SB-59-2	7/19/2001	Gasoline-range organics	30	5000	66	mg/kg		TRUE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	2	2	ft	SB-59-2	7/19/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	5	5	ft	SB-59-5	7/19/2001	Benzene	0.02		1	mg/kg	U	FALSE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	5	5	ft	SB-59-5	7/19/2001	Total DRO & ORO	2000	12000	6100	mg/kg		TRUE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	5	5	ft	SB-59-5	7/19/2001	Gasoline-range organics	30	5000	800	mg/kg		TRUE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	5	5	ft	SB-59-5	7/19/2001	Pentachlorophenol	0.05		0.5	mg/kg	U	FALSE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	10	10	ft	SB-59-10	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	10	10	ft	SB-59-10	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	10	10	ft	SB-59-10	7/19/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	10	10	ft	SB-59-10	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	15	15	ft	SB-59-15	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	15	15	ft	SB-59-15	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	15	15	ft	SB-59-15	7/19/2001	Pentachlorophenol	0.05		0.05	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	15	15	ft	SB-59-15	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	20	20	ft	SB-59-20	7/19/2001	Benzene	0.02		0.05	mg/kg	U	FALSE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	20	20	ft	SB-59-20	7/19/2001	Total DRO & ORO	2000	12000	25	mg/kg	U	FALSE	FALSE	
Soil	SB-59	1256060.939	245452.3701	NM	20	20	ft	SB-59-20	7/19/2001	Pentachlorophenol	0.05		0.15	mg/kg		TRUE	TRUE	
Soil	SB-59	1256060.939	245452.3701	NM	20	20	ft	SB-59-20	7/19/2001	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	SS-01	1255827.34	245665.202	44.5	0	0.4	ft	SS-01-0-0.4	4/26/2019	Arsenic	7.3		3.2	mg/kg		TRUE	FALSE	
Soil	SSW/ESW	1256186.272	245474.5257	NM	4.5	4.5	ft	SSW/ESW-Composite	6/24/2010	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	SSW/ESW	1256186.272	245474.5257	NM	4.5	4.5	ft	SSW/ESW-Composite	6/24/2010	Total DRO & ORO	2000	12000	83	mg/kg		TRUE	FALSE	
Soil	TP03	1256093.348	245748.4291	NM	11	11	ft	TP03-11	10/15/2013	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	TP03	1256093.348	245748.4291	NM	11	11	ft	TP03-11	10/15/2013	Total DRO & ORO	2000	12000	250	mg/kg	U	FALSE	FALSE	
Soil	TP03	1256093.348	245748.4291	NM	11	11	ft	TP03-11	10/15/2013	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	UST10-BTM01	1255866.527	245780.8054	NM	8	8	ft	UST10-BTM01-08	6/8/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	UST10-BTM01	1255866.527	245780.8054	NM	8	8	ft	UST10-BTM01-08	6/8/2011	Total DRO & ORO	2000	12000	150	mg/kg		TRUE	FALSE	
Soil	UST10-BTM01	1255866.527	245780.8054	NM	8	8	ft	UST10-BTM01-08	6/8/2011	Gasoline-range organics	30	5000	9.6	mg/kg		TRUE	FALSE	
Soil	UST10-BTM02	1255869.287	245780.7533	NM	8	8	ft	UST10-BTM02-08	6/8/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	UST10-BTM02	1255869.287	245780.7533	NM	8	8	ft	UST10-BTM02-08	6/8/2011	Total DRO & ORO	2000	12000	100	mg/kg	U	FALSE	FALSE	
Soil	UST10-BTM02	1255869.287	245780.7533	NM	8	8	ft	UST10-BTM02-08	6/8/2011	Gasoline-range organics	30	5000	13	mg/kg		TRUE	FALSE	
Soil	UST10-ESW	1255873.454	245780.6492	NM	6	6	ft	UST10-ESW-06	6/8/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	UST10-ESW	1255873.454	245780.6492	NM	6	6	ft	UST10-ESW-06	6/8/2011	Total DRO & ORO	2000	12000	100	mg/kg	U	FALSE	FALSE	
Soil	UST10-ESW	1255873.454	245780.6492	NM	6	6	ft	UST10-ESW-06	6/8/2011	Gasoline-range organics	30	5000	2.4	mg/kg		TRUE	FALSE	
Soil	UST10-NSW	1255868.714	245783.2533	NM	6	6	ft	UST10-NSW-06	6/8/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	UST10-NSW	1255868.714	245783.2533	NM	6	6	ft	UST10-NSW-06	6/8/2011	Total DRO & ORO	2000	12000	100	mg/kg	U	FALSE	FALSE	
Soil	UST10-NSW	1255868.714	245783.2533	NM	6	6	ft	UST10-NSW-06	6/8/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	UST10-SSW	1255868.61	245778.2012	NM	6	6	ft	UST10-SSW-06	6/8/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	UST10-SSW	1255868.61	245778.2012	NM	6	6	ft	UST10-SSW-06	6/8/2011	Total DRO & ORO	2000	12000	100	mg/kg	U	FALSE	FALSE	
Soil	UST10-SSW	1255868.61	245778.2012	NM	6	6	ft	UST10-SSW-06	6/8/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	UST10-WSW	1255863.87	245780.8575	NM	6	6	ft	UST10-WSW-06	6/8/2011	Benzene	0.02		0.02	mg/kg	U	FALSE	FALSE	
Soil	UST10-WSW	1255863.87	245780.8575	NM	6	6	ft	UST10-WSW-06	6/8/2011	Total DRO & ORO	2000	12000	100	mg/kg	U	FALSE	FALSE	
Soil	UST10-WSW	1255863.87	245780.8575	NM	6	6	ft	UST10-WSW-06	6/8/2011	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	VK-B	1256340.312	245502.7698	NM	12	12	ft	VK-B-12	4/22/2006	Benzene	0.02		0.0014	mg/kg	U	FALSE	FALSE	
Soil	VK-B	1256340.312	245502.7698	NM	12	12	ft	VK-B-12	4/22/2006	Total DRO & ORO	2000	12000	30	mg/kg	U	FALSE	FALSE	
Soil	VK-B	1256340.312	245502.7698	NM	12	12	ft	VK-B-12	4/22/2006	Gasoline-range organics	30	5000	5.1	mg/kg	U	FALSE	FALSE	
Soil	VK-E	1256347.864	245502.6396	NM	10	10	ft	VK-E-10	4/22/2006	Benzene	0.02		0.0022	mg/kg	U	FALSE	FALSE	
Soil	VK-E	1256347.864	245502.6396	NM	10	10	ft	VK-E-10	4/22/2006	Total DRO & ORO	2000	12000	31	mg/kg	U	FALSE	FALSE	
Soil	VK-E	1256347.864	245502.6396	NM	10	10	ft	VK-E-10	4/22/2006	Gasoline-range organics	30	5000	5	mg/kg	U	FALSE	FALSE	
Soil	VK-N	1256340.312	245505.7646	NM	10	10	ft	VK-N-10	4/22/2006	Benzene	0.02		0.022	mg/kg	U	FALSE	TRUE	
Soil	VK-N	1256340.312	245505.7646	NM	10	10	ft	VK-N-10	4/22/2006	Total DRO & ORO	2000	12000	2600	mg/kg		TRUE	TRUE	
Soil	VK-N	1256340.312	245505.7646	NM	10	10	ft	VK-N-10	4/22/2006	Gasoline-range organics	30	5000	810	mg/kg		TRUE	TRUE	
Soil	VK-S	1256340.312	245499.7751	NM	10	10	ft	VK-S-10	4/22/2006	Benzene	0.02		0.021	mg/kg	U	FALSE	TRUE	
Soil	VK-S	1256340.312	245499.7751	NM	10	10	ft	VK-S-10	4/22/2006	Total DRO & ORO	2000	12000	32	mg/kg	U	FALSE	FALSE	
Soil	VK-S	1256340.312	245499.7751	NM	10	10	ft	VK-S-10	4/22/2006	Gasoline-range organics	30	5000	5.3	mg/kg	U	FALSE	FALSE	
Soil	VK-W	1256332.369	245502.7698	NM	10	10	ft	VK-W-10	4/22/2006	Benzene	0.02		0.0019	mg/kg	U	FALSE	FALSE	
Soil	VK-W	1256332.369	245502.7698	NM	10	10	ft	VK-W-10	4/22/2006	Total DRO & ORO	2000	12000	430	mg/kg		TRUE	FALSE	
Soil	VK-W	1256332.369	245502.7698	NM	10	10	ft	VK-W-10	4/22/2006	Gasoline-range organics	30	5000	180	mg/kg		TRUE	TRUE	
Soil	W1	1256161.294	245560.2134	NM	11.5	11.5	ft	1991-UST-Excavation-W1	9/16/1991	Benzene	0.02		0.013	mg/kg		TRUE	FALSE	
Soil	W1	1256161.294	245560.2134	NM	11.5	11.5	ft	1991-UST-Excavation-W1	9/16/1991	Gasoline-range organics	30	5000	2	mg/kg	U	FALSE	FALSE	
Soil	W1	1256161.294	245560.2134	NM	11.5	11.5	ft	1991-UST-Excavation-W1	9/16/1991	Total DRO & ORO	2000	12000	50	mg/kg	U	FALSE	FALSE	

Notes:
CUL = cleanup level
REL = remediation level
True = yes
False = no
NM = elevation not measured, limited information available to determine surface elevation. Estimate based on sample location map.

Attachment 2

Cleanup Action Project As-Builts, dated August 8, 2022

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- OHW — ORDINARY HIGH WATER
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

CAA-6b, SEE DETAILED PLAN ON DWG C-5
CAA-7, SEE DETAILED PLAN ON DWG C-6
CAA-6a, SEE DETAILED PLAN ON DWG C-5
CAA-2b, SEE DETAILED PLAN ON DWG C-3
CAA-2a, SEE DETAILED PLAN ON DWG C-7
CAA-5, SEE DETAILED PLAN ON DWG C-4
CAA-4a, SEE DETAILED PLAN ON DWG C-8
CAA-4b, SEE DETAILED PLAN ON DWG C-8
CAA-3, SEE DETAILED PLAN ON DWG C-4
CAA-1b, SEE DETAILED PLAN ON DWG C-2
CAA-1a, SEE DETAILED PLAN ON DWG C-2
HAUL TRUCK DIESEL SPILL, SEE DETAILED PLAN ON DWG C-4

PASSIVE GW TREATMENT AREA
INTERCEPTOR TRENCH
TRENCH BOX AND SHORING

W COMMODORE WAY
BNSF RAILWAY
27TH AVE W

02MW22 02MW20 02MW21 02MW17 02MW07 02MW19 02MW18 02MW03 02MW01 02MW06 02MW04 02MW16 02MW09 02MW15 02MW14 02MW13 02MW05 02MW10 02MW08
01MW83 01MW106 01MW107 01MW84 01MW31 01MW104 01MW102 01MW32 01MW101 01MW88 01MW35 01MW36
01MW53 01MW52 01MW89 01MW50 01MW47 01MW51 01MW09 01MW48 01MW49 01MW87 01MW34
01MW85 MW02 MW06 01MW30 01MW03 01MW02 01MW86 01MW16 01MW10 01MW103
01MW80 01MW108 01MW56 01MW07 01MW19 01MW08 01MW18 01MW05 01MW04 01MW33
MW05 01MW57 01MW82 01MW81 01MW76 01MW45 01MW20 01MW68 01MW11
MW01 MW04 MW03 01MW46 01MW59 01MW29 01MW43
01MW28 01MW24 01MW42
01MW58 01MW44 01MW54 01IW10 01IW09 01SVE01 01MW55 01MW65 01MW77 01MW06 01MW69 01MW27 01MW67
01MW79 01MW63 01MW15 01MW01 01MW12 01MW105
01MW66 01MW74
01MW64 01MW70 01MW71 01MW78 01MW62 01MW98 01MW94 01MW92 01MW60 01MW97 01MW93 01MW96 01MW95 01MW61
01MW73 01MW75 01MW40 01MW72 01MW91 01MW37 01MW13 01MW38 01MW90 01MW39
01MW17 01MW99 01MW100

0 40 80
SCALE IN FEET

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SCALE WARNING
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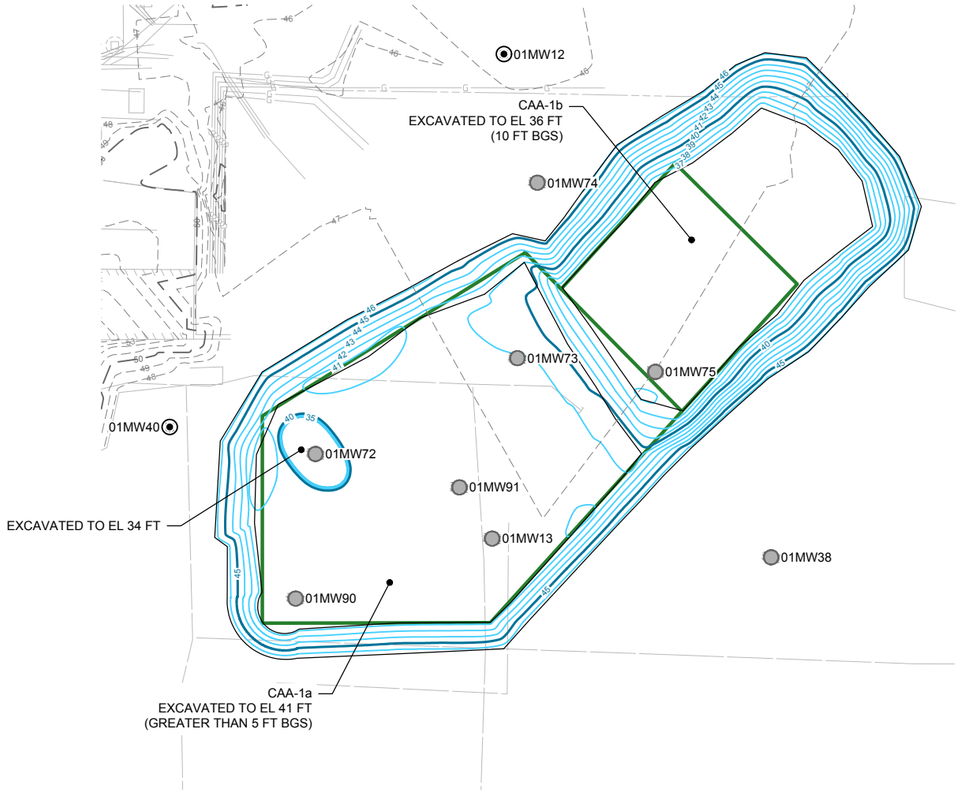
Designer	M. Byers
Drafter	C. Taylor
Checker	X
Reviewer	X

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

Remediation Areas AS-BUILTS

Drawing No.
C-1

Sheet 15 of 26



DETAILED PLAN VIEW

CAA-1 EXCAVATION AREAS

0 20 40

SCALE IN FEET

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED

NOTES

1. EXCAVATED AREAS WERE BE BACKFILLED AND COMPACTED WITH CLEAN IMPORT MATERIAL TO EXISTING GRADE +/- 1 FOOT. FINAL SURFACES WERE STABILIZED WITH COMPACTED GRAVEL SURFACING TO PREVENT EROSION.
2. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT & INSTALLATION OF THE FINAL CAP.

CAA AREA	SUBSURFACE BACKFILL (GREATER THAN 2 FT BGS)	SURFACE MATERIAL (2 FT BGS)
CAA-1	QUARRY SPALLS AND GRAVEL BORROW	BALLAST ROCK TO MATCH SURROUNDING GRADE

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Designer	M. Byers
Drafter	C. Taylor
Checker	X
Reviewer	X

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

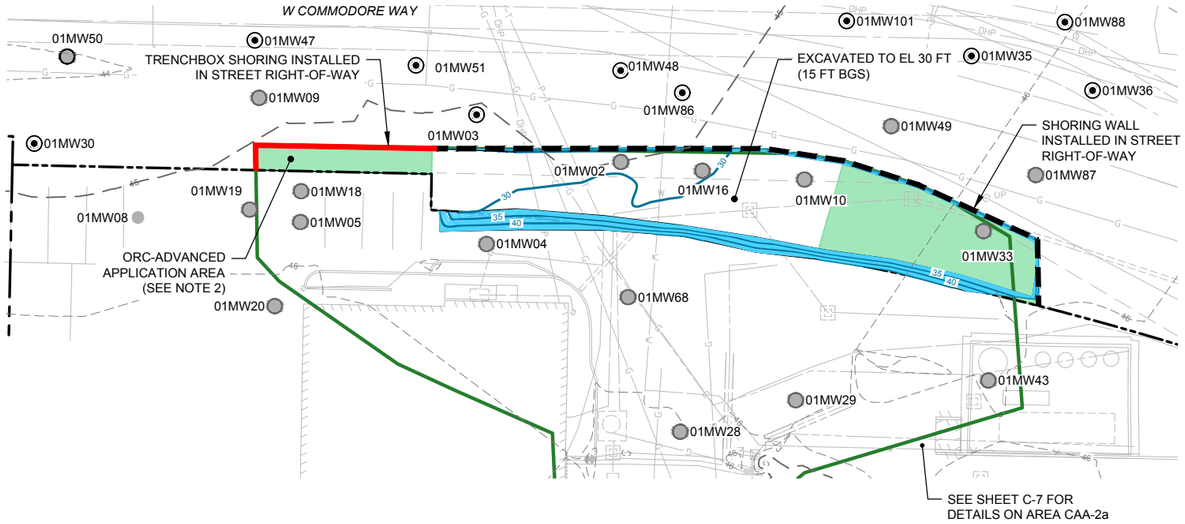
CAA-1 Excavation Area AS-BUILTS

Drawing No.

C-2

Sheet 16 of 26

File: C:\Users\cgreene\Downloads\CAD Files\Time Oil Bulk Terminal-AsbuiltC2 through C11.dwg Plot Date: June 20, 2022 Plotted by: Greene, Chris



DETAILED PLAN VIEW

CAA-2B EXCAVATION AREA

0 20 40

SCALE IN FEET

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SHORING WALL (SEE SHORING DRAWINGS SS1.0 THRU SS4.0 FROM THE EDR FOR DETAILS)
- TRENCH BOX SHORING
- ORC ADVANCED PELLETS (REGENESIS®) ADDED DURING BACKFILLING ACTIVITIES
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

1. EXCAVATED AREAS WERE BACKFILLED AND COMPACTED WITH CLEAN IMPORT MATERIAL TO EXISTING GRADE +/- 1 FOOT. FINAL SURFACES IN THE CITY OF SEATTLE ROW WERE RETURNED TO PRE-EXISTING CONDITIONS BASED ON CITY OF SEATTLE REQUIREMENTS.
2. ORC ADVANCED PELLETS (DRY AMENDMENTS) WERE ADDED DURING BACKFILLING ACTIVITIES IN THE NORTHEAST AND THE NORTHWEST CORNERS. ORC ADVANCED PELLETS WERE SPREAD BY HAND EVENLY ACROSS THE APPLICATION AREA BOTH HORIZONTALLY AND VERTICALLY WITHIN THE SATURATED ZONE DURING BACKFILLING. LAGGING WAS REMOVED FROM THE NORTHEAST PORTION OF THE EXCAVATION DURING BACKFILLING. TRENCH BOXES WERE USED FOR SHORING ALONG THE NORTHWEST PORTION OF THE EXCAVATION; TRENCH BOXES WERE COMPLETELY REMOVED AFTER EXCAVATION ACTIVITIES WERE COMPLETED.
3. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT & INSTALLATION OF THE FINAL CAP.

CAA AREA	SUBSURFACE BACKFILL (GREATER THAN 2 FT BGS)	SURFACE MATERIAL (2 FT BGS)
CAA-2b	QUARRY SPALLS AND GRAVEL BORROW	PAVED ASPHALT SURFACE WHICH INCLUDES: 1" HOT MIX ASPHALT (HMA) CLASS 1 AND 2" OF HMA CLASS 1/2

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Designer M. Byers
Drafter C. Taylor
Checker X
Reviewer X

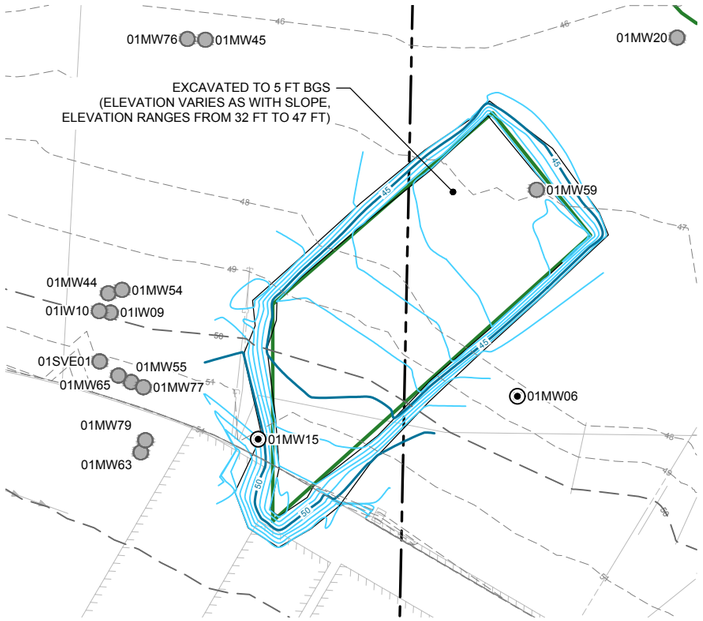
Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

CAA-2b Excavation Area AS-BUILTS

Drawing No. **C-3**

Sheet 17 of 26

File: C:\Users\cgreene\Downloads\CAD Files\Time Oil Bulk Terminal-Asbuilt\C2 through C11.dwg Plot Date: June 20, 2022 Plotted by: Greene, Chris

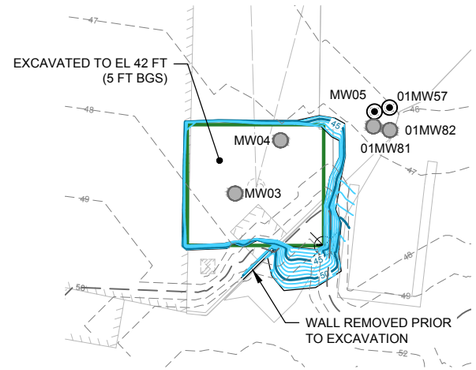


DETAILED PLAN VIEW

CAA-3 EXCAVATION AREA

0 20 40

SCALE IN FEET

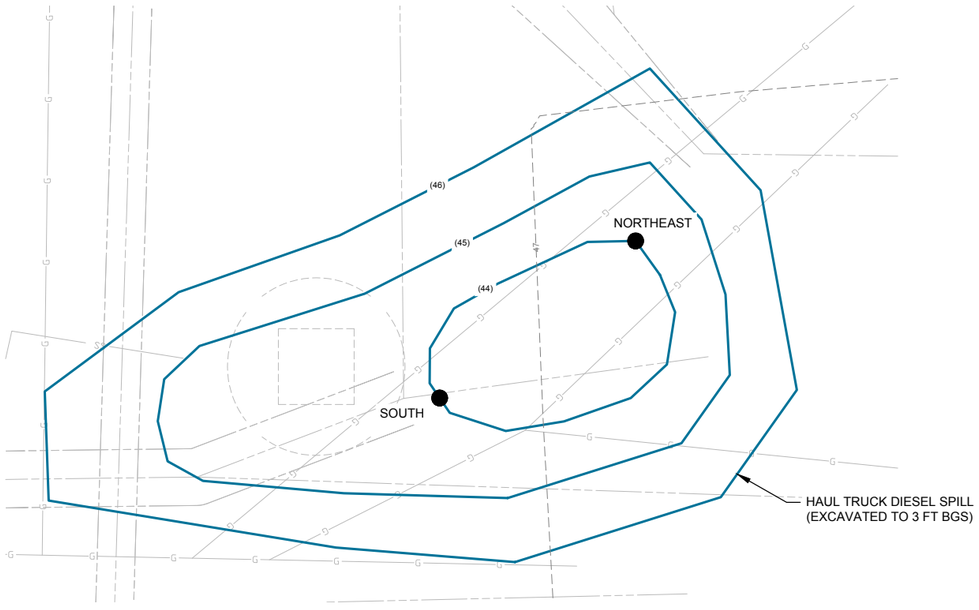


DETAILED PLAN VIEW

CAA-5 EXCAVATION AREA

0 20 40

SCALE IN FEET



DETAILED PLAN VIEW

DIESEL SPILL

0 2 4

SCALE IN FEET

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- DIESEL SPILL CLEANUP AREA CONFIRMATION SAMPLE LOCATION
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

1. EXCAVATED AREAS WERE BACKFILLED AND COMPACTED WITH CLEAN IMPORT MATERIAL TO EXISTING GRADE +/- 1 FOOT. FINAL SURFACES WERE STABILIZED WITH COMPACTED GRAVEL SURFACING TO PREVENT EROSION.
2. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT & INSTALLATION OF THE FINAL CAP.

CAA AREA	SUBSURFACE BACKFILL (GREATER THAN 2 FT BGS)	SURFACE MATERIAL (2 FT BGS)
CAA-3	QUARRY SPALLS AND GRAVEL BORROW	BALLAST ROCK TO MATCH SURROUNDING GRADE
CAA-5	BALLAST ROCK	BALLAST ROCK TO MATCH SURROUNDING GRADE
DIESEL SPILL AREA	BALLAST ROCK	BALLAST ROCK TO MATCH SURROUNDING GRADE

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Designer	M. Byers
Drafter	C. Taylor
Checker	X
Reviewer	X

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

CAA-3, CAA-5 & Diesel Spill Excavation Areas AS-BUILTS

Drawing No.

C-4

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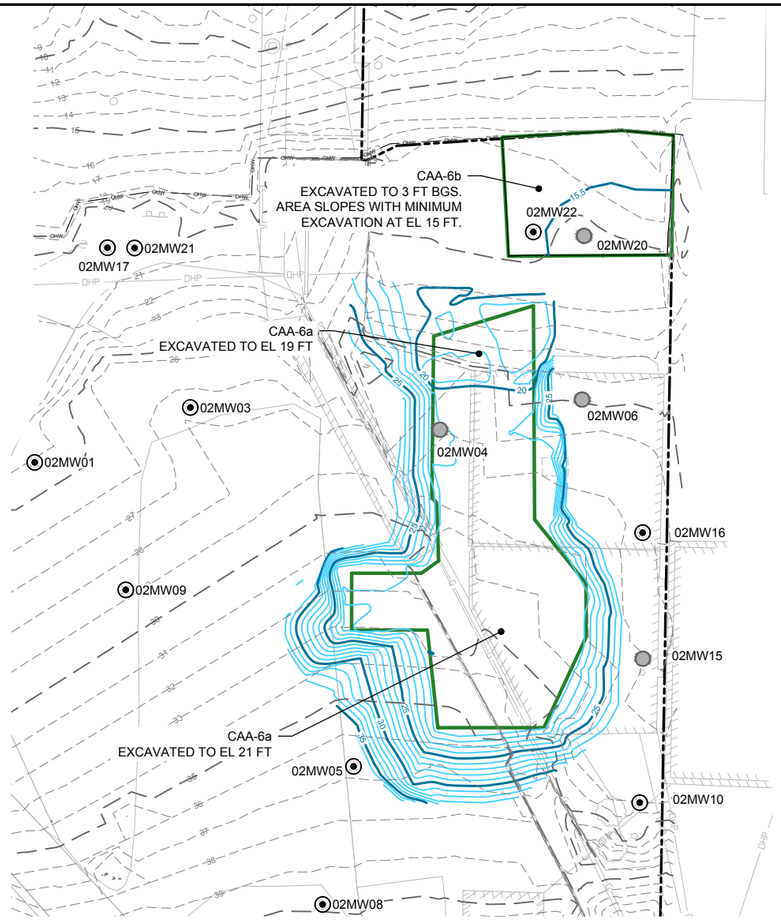

DETAILED PLAN VIEW

CAA-6 EXCAVATION AREAS

0 20 40

SCALE IN FEET

N

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- ORDINARY HIGH WATER
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

1. EXCAVATED AREAS WERE BACKFILLED AND COMPACTED WITH CLEAN IMPORT MATERIAL TO TIE INTO EXISTING PERIMETER GRADES. FINAL SURFACES WERE STABILIZED WITH COMPACTED GRAVEL SURFACING TO PREVENT EROSION.
2. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT.

CAA AREA	SUBSURFACE BACKFILL (GREATER THAN 2 FT BGS)	SURFACE MATERIAL (2 FT BGS)
CAA-6a	QUARRY SPALLS AND GRAVEL BORROW	BALLAST ROCK TO MATCH SURROUNDING GRADE
CAA-6b	GRAVEL BORROW	BALLAST ROCK AND RIPRAP, AREA WAS GRADED TO MATCH SURROUNDING GRADE

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Drafter	C. Taylor
Checker	X
Reviewer	X

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

CAA-6 Excavation Areas AS-BUILTS

Drawing No.
C-5

Sheet 19 of 26

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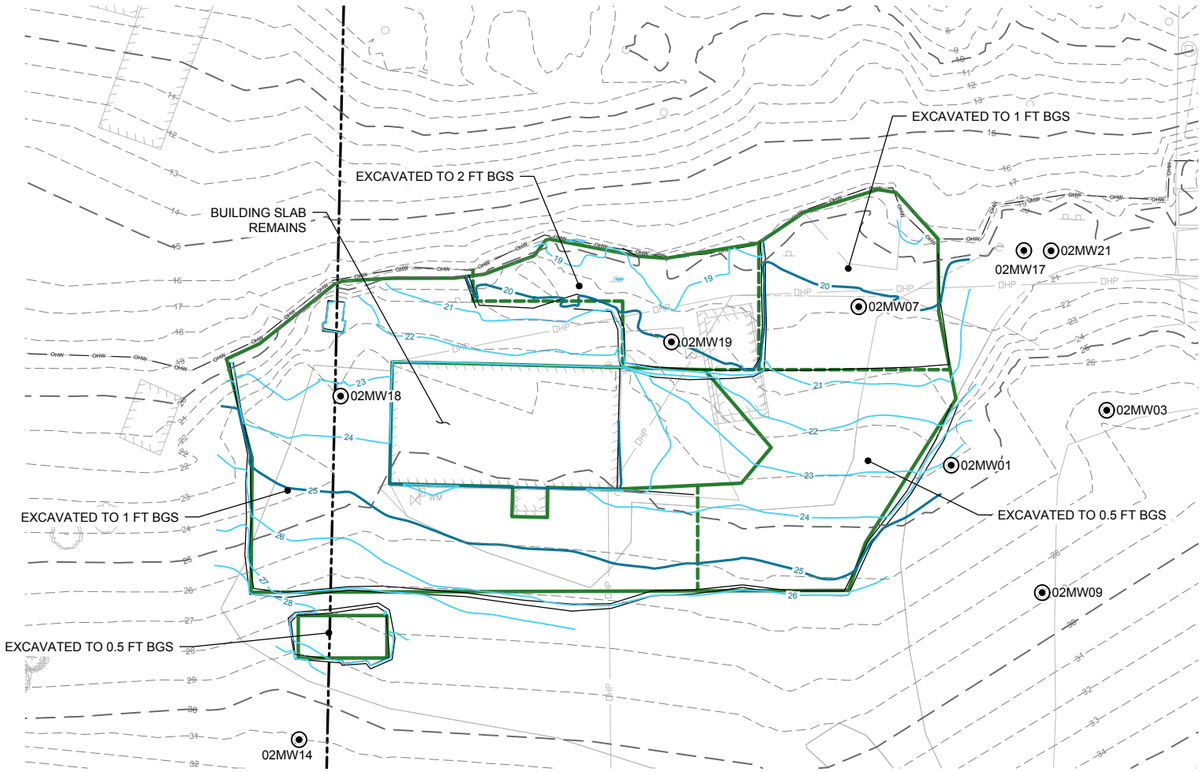

DETAILED PLAN VIEW

CAA-7 EXCAVATION AREAS

0 20 40

SCALE IN FEET

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- ORDINARY HIGH WATER
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

1. EXCAVATED AREAS WERE BACKFILLED AND COMPACTED WITH CLEAN IMPORT MATERIAL TO EXISTING GRADE +/- 1 FOOT. FINAL SURFACES WERE STABILIZED WITH COMPACTED GRAVEL SURFACING TO PREVENT EROSION.
2. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT.

CAA AREA	SUBSURFACE BACKFILL (GREATER THAN 2 FT BGS)	SURFACE MATERIAL (2 FT BGS)
CAA-7	NO SUBSURFACE BACKFILL, EXCAVATION WAS ONLY 2 FEET BELOW GROUND SURFACE	BALLAST ROCK TO MATCH SURROUNDING GRADE

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Designer	M. Byers
Drafter	C. Taylor
Checker	X
Reviewer	X

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

CAA-7 Excavation Areas AS-BUILTS

Drawing No.

C-6

Sheet 20 of 26

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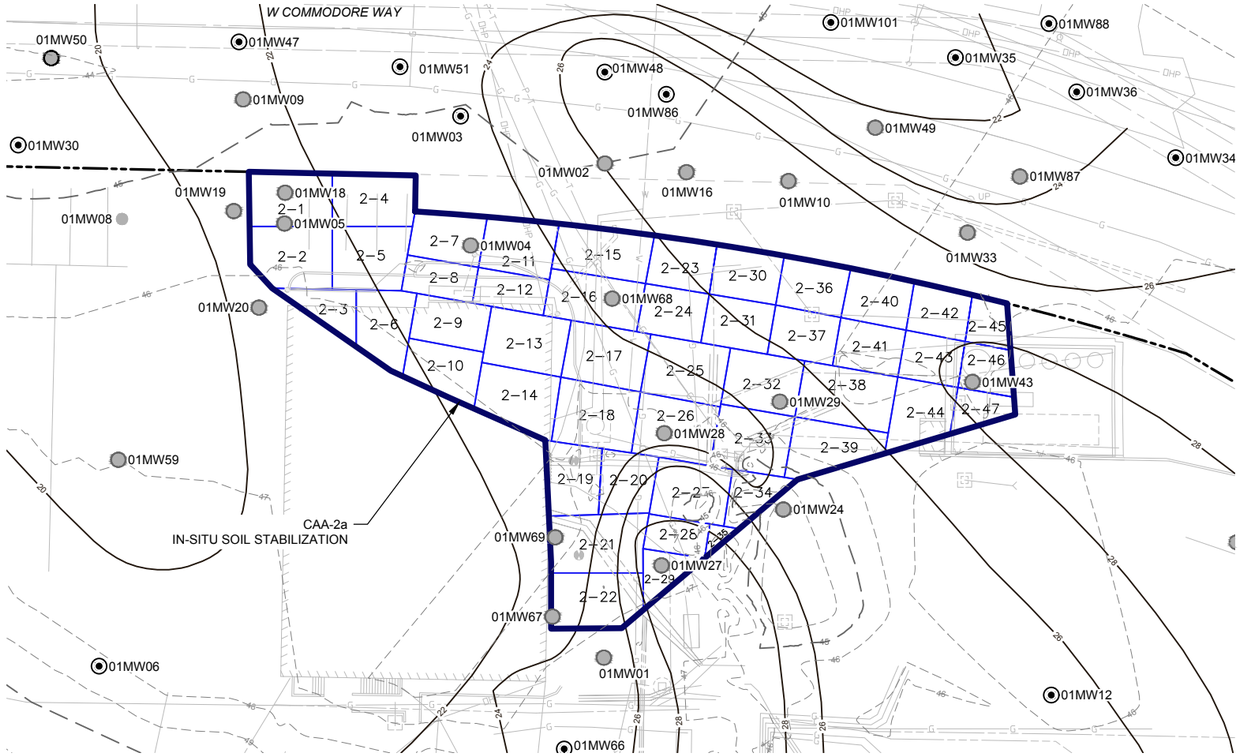

DETAILED PLAN VIEW

CAA-2A IN-SITU SOLIDIFICATION AREA

0 20 40

SCALE IN FEET

LEGEND

- IN-SITU STABILIZATION / SOLIDIFICATION
- 2–28 EXCAVATION MIXING GRID CELL WITH CELL IDENTIFICATION (SEE TABLE)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- 20 TOP OF SILT ELEVATION CONTOUR (FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

1. THE FINAL COMPLIANCE GRID NETWORK WAS ADJUSTED FROM THE EDR DRAWINGS TO REPRESENT SMALLER GRID CELLS THAT COULD BE WORKED EASILY WITHIN ONE SHIFT. THE TOTAL MIXING DEPTHS WERE ALSO ADJUSTED BASED ON THE SMALLER GRID CELL SIZE. THE MIXING DEPTH IS BASED ON THE TOP OF THE SILT AND WAS VERIFIED IN THE FIELD DURING MIXING.
2. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT & INSTALLATION OF THE FINAL CAP.

CELL ID	Mixed Elevation	Original Target Elevation (ft NAVD88)	Revised Target Elevation (ft NAVD88)
2_1	20.4	20	no change
2_2	20.2	20	no change
2_3	20.2	20	no change
2_4	20.2	20	no change
2_5	20.1	20	no change
2_6	20.2	20	no change
2_7	22.0	22	no change
2_8	22.0	22	no change
2_9	21.1	21	22
2_10	21.0	21	no change
2_11	22.0	22	no change
2_12	22.0	22	no change
2_13	22.0	22	23
2_14	22.2	22	no change
2_15	23.0	23	no change
2_16	23.5	23	no change
2_17	22.1	22	23
2_18	22.0	22	no change
2_19	22.1	22	no change
2_20 E	25.0	22	25
2_20 W	24.1	22	24
2_21 C	24.0	22	24
2_21 E	26.0	22	26
2_21 W	22.0	22	no change
2_22 C	25.2	22	25
2_22 E	25.5	22	25
2_22 E	22.3	22	25
2_22 W	22.2	22	no change
2_23	23.9	24	no change
2_24	24.0	24	no change
2_25	22.3	22	24
2_26	23.0	22	23
2_27	25.1	23	25
2_28	26.9	23	27
2_29	26.8	22	27
2_30	24.2	24	no change
2_31	23.9	24	no change
2_33	23.2	23	24
2_34 N	23.1	23	no change
2_34 S	24.7	23	25
2_35	26.0	23	26
2_36	25.4	25	no change
2_37	25.0	25	no change
2_38	24.1	24	25
2_39	24.0	24	24
2_40	25.0	25	no change
2_41	25.1	25	no change
2_42	26.0	26	no change
2_43	26.2	26	no change
2_44	25.0	25	no change
2_45	25.9	26	no change
2_46	26.0	26	no change
2_47	25.0	25	26

NOTES

1. CELLS 2-20 THROUGH 2-22 AND 2-34 WERE SPLIT INTO SMALLER UNITS IDENTIFIED AS 'EAST', 'WEST', AND 'CENTER'.
2. TARGET ELEVATIONS WERE ADJUSTED WHEN THE MIXING CELL LAYOUT WAS REVISED BY THE CONTRACTOR. ELEVATIONS WERE REVISED BASED ON THE TOP OF SILT CONTOUR IN THE REVISED SMALLER CELL. ORIGINAL TARGET ELEVATIONS ARE FROM THE EDR.
3. CONSTRUCTION SPECIFICATIONS ALLOWED FOR MIXING DEPTH TOLERANCE OF ±0.5 FT RELATIVE TO TARGET ELEVATION.

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Designer M. Byers
Drafter C. Taylor
Checker X
Reviewer X

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

CAA-2a Insitu Solidification Area AS-BUILTS

Drawing No.
C-7

Sheet 21 of 26

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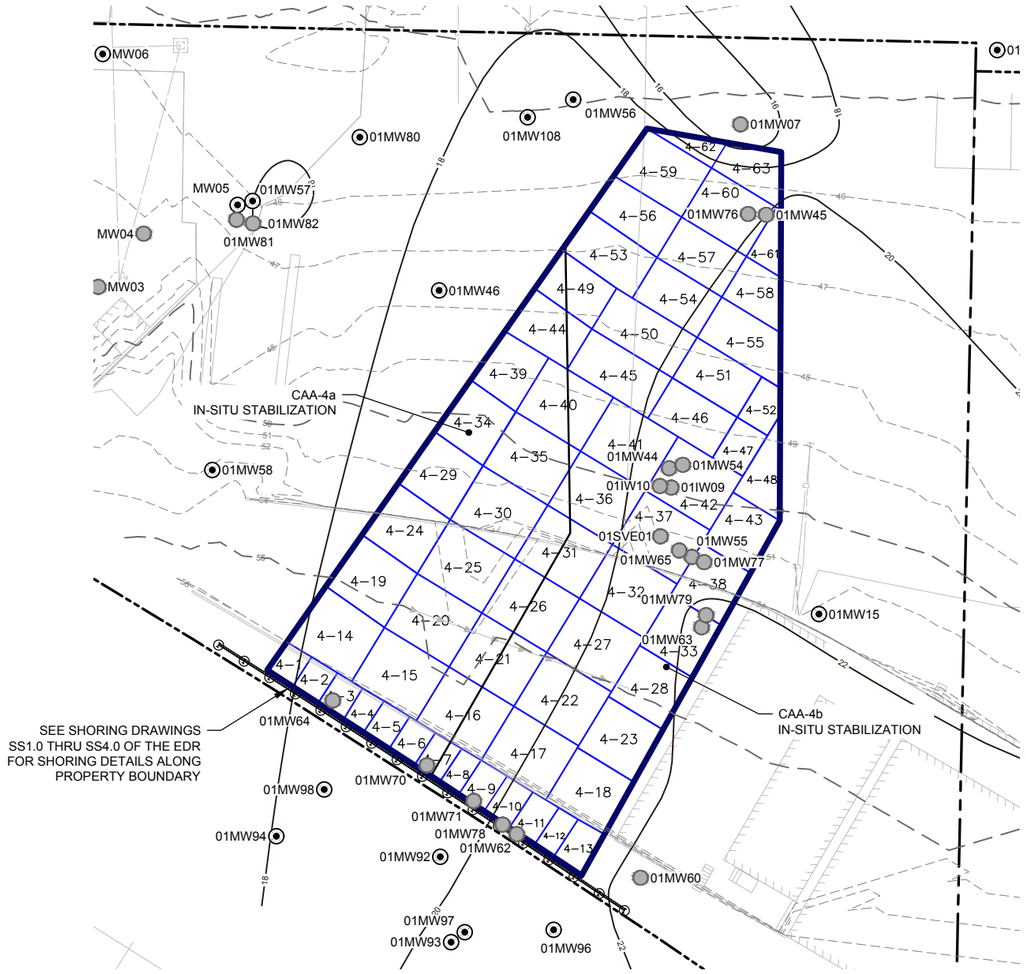

DETAILED PLAN VIEW

CAA-4A IN-SITU SOLIDIFICATION AREA

0 20 40

SCALE IN FEET

LEGEND

- IN-SITU STABILIZATION / SOLIDIFICATION
- 2–28 EXCAVATION MIXING GRID CELL WITH CELL IDENTIFICATION (SEE TABLE)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- 20 TOP OF SILT ELEVATION CONTOUR (FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

1. THE FINAL COMPLIANCE GRID NETWORK WAS ADJUSTED FROM THE EDR DRAWINGS TO REPRESENT SMALLER GRID CELLS THAT COULD BE WORKED EASILY WITHIN ONE SHIFT. THE TOTAL MIXING DEPTHS WERE ALSO ADJUSTED BASED ON THE SMALLER GRID CELL SIZE. THE MIXING DEPTH IS BASED ON THE TOP OF THE SILT AND WAS VERIFIED IN THE FIELD DURING MIXING.
2. FINAL SURFACE ELEVATION & CONSTRUCTED PROFILES WILL BE PROVIDED FOLLOWING COMPLETION OF PROPERTY REDEVELOPMENT & INSTALLATION OF THE FINAL CAP.

CELL ID	Mixed Elevation	Target Elevation (ft NAVD88)
4_1	17.4	17
4_2	17.4	17
4_3	17.3	17
4_4	17.3	17
4_5	18.3	18
4_6	18.3	18
4_7	18.4	18
4_8	18.3	18
4_9	19.3	19
4_10	19.3	19
4_11	19.3	19
4_12	19.1	19
4_13	20.4	20
4_14	17.4	17
4_15	18.4	18
4_16	19.3	19
4_17	20.3	20
4_18	20.2	20
4_19	17.4	17
4_20	18.4	18
4_21	19.3	19
4_22	20.2	20
4_23	20.2	20
4_24	17.3	17
4_25	18.2	18
4_26	19.3	19
4_27	20.3	20
4_28	20.4	20
4_29	17.3	17
4_30	19.2	19
4_31	20.3	20
4_32	21.0	21
4_33	19.9	20
4_34	17.4	17
4_35	19.3	19
4_36	20.4	20
4_37	21.4	21
4_38	20.2	20
4_39	17.3	17
4_40	19.3	19
4_41	20.2	20
4_42	21.2	21
4_43	20.2	20
4_44	18.3	18
4_45	19.8	20
4_46	20.0	20
4_47	20.1	20
4_48	20.1	20
4_49	18.3	18
4_50	20.1	20
4_51	20.1	20
4_52	19.9	20
4_53	18.3	18
4_54	19.7	20
4_55	19.3	19
4_56	18.1	18
4_57	20.0	20
4_58	19.0	19
4_59	17.3	17
4_60	17.1	17
4_61	17.3	17
4_62	17.5	17
4_63	17.4	17

NOTES

1. CONSTRUCTION SPECIFICATIONS ALLOWED FOR MIXING DEPTH TOLERANCE OF ±0.5 FT RELATIVE TO TARGET ELEVATION.

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Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

CAA-4a Insitu Solidification Area AS-BUILTS

Scale As Noted

SCALE WARNING
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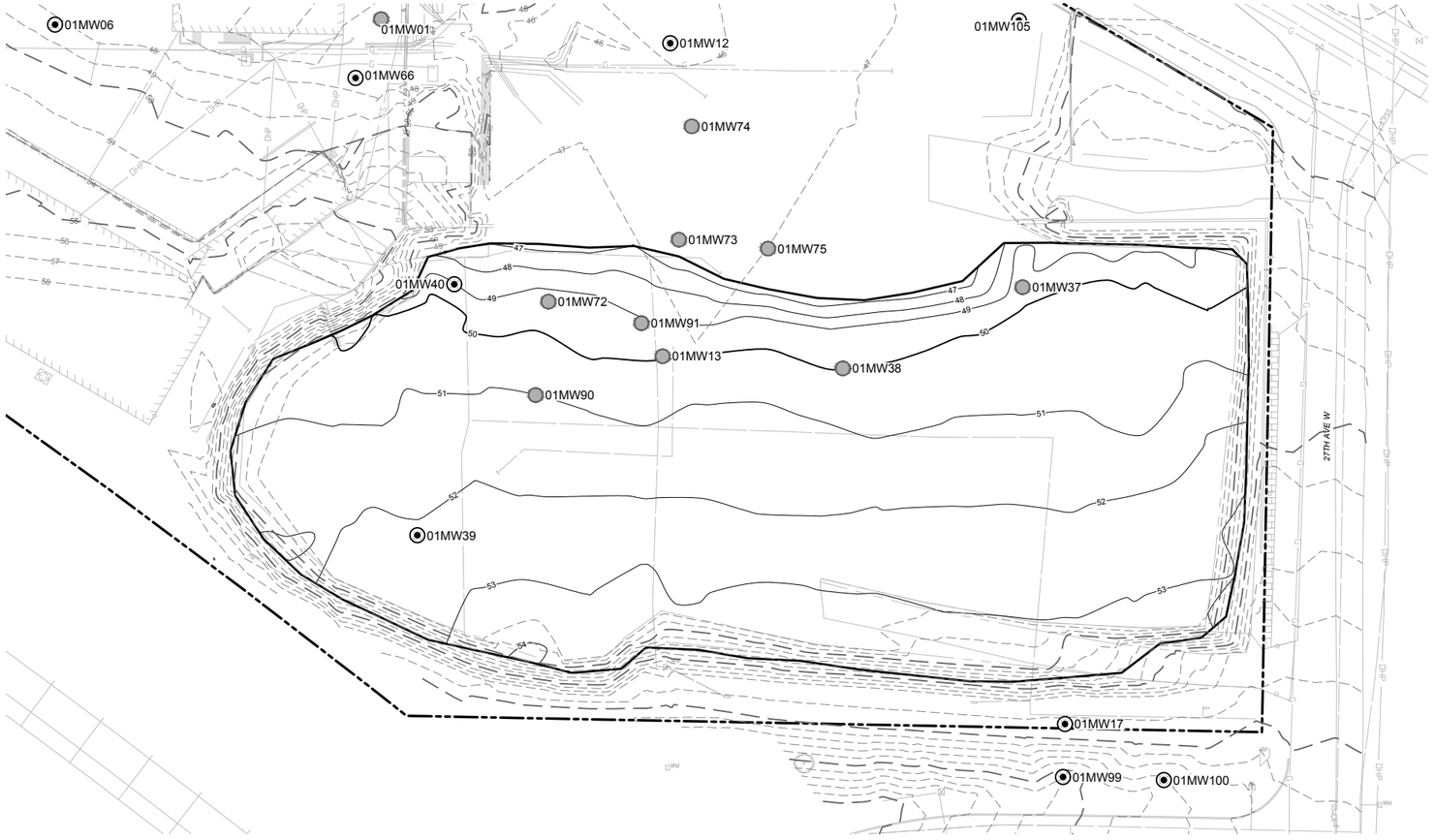
Designer	M. Byers
Drafter	C. Taylor
Checker	X
Reviewer	X

Drawing No. C-8

Sheet 22 of 26

File: C:\Users\cgreene\Downloads\CAD Files\Time Oil Bulk Terminal-Asbuilt\C2 through C11.dwg Plot Date: June 20, 2022 Plotted by: Greene, Chris



DETAILED PLAN VIEW

ISS SWELL MANAGEMENT AREA

0 30 60

SCALE IN FEET

LEGEND

- ISS SWELL MATERIAL FILL AS-BUILT FINISH GRADE CONTOUR (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

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Reviewer	X

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Seattle, Washington

ISS Swell Management Area AS-BUILTS

Drawing No.
C-9

Sheet 23 of 26

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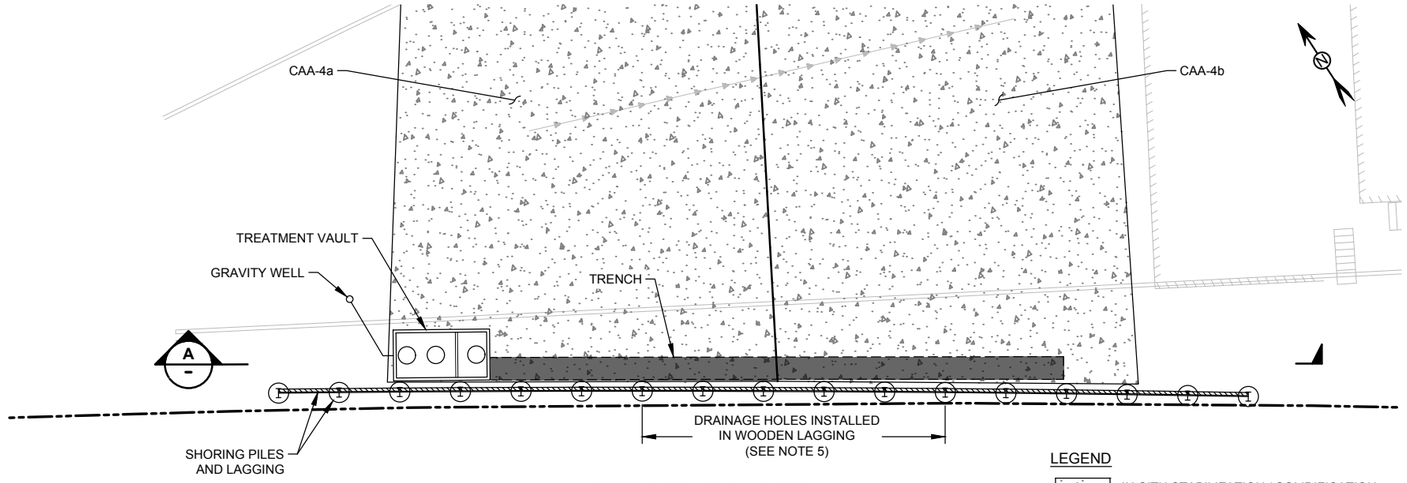


DETAILED PLAN VIEW

INFILTRATION TRENCH

0 20 40

SCALE IN FEET

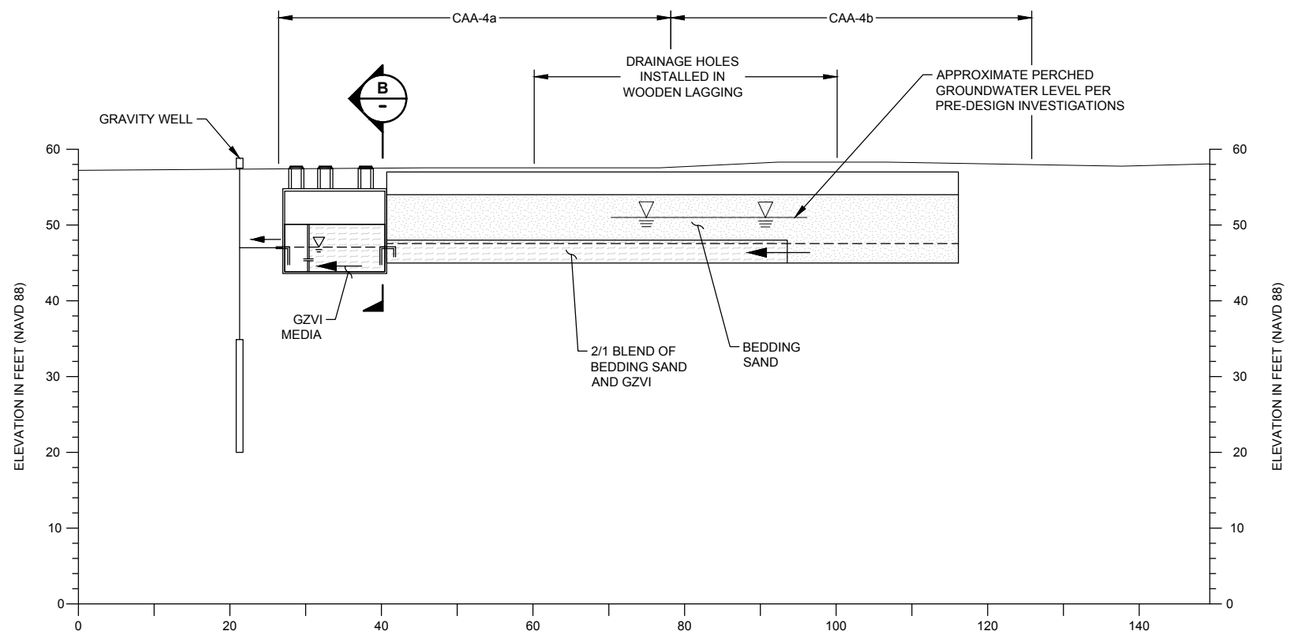
LEGEND

IN-SITU STABILIZATION / SOLIDIFICATION

PARCEL BOUNDARY FOR
TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTES

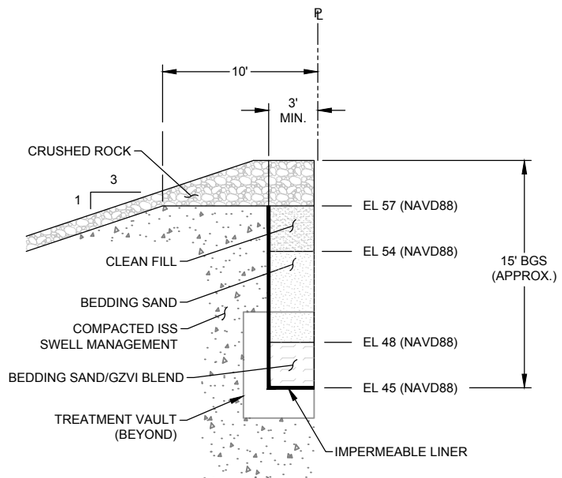
1. SHORING WAS INSTALLED ALONG THIS PROPERTY BOUNDARY TO COMPLETE THE ISS WORK PRIOR TO THE INSTALLATION OF THE TRENCH AND TREATMENT VAULT. DURING TRENCH INSTALLATION OF THE TREATMENT VAULT WATER DRAINAGE HOLES WERE DRILLED INTO PORTIONS OF THE WOODEN LAGGING BETWEEN THE SOLIDER PILES FROM ELEVATION 45 TO 54 FEET NAVD8 TO ENCOURAGE GROUNDWATER FLOW INTO THE TREATMENT VAULT. THE REMAINING LAGGING HAS GAPS BETWEEN ALL BOARDS THAT ALLOW GROUNDWATER FLOW.
2. TREATMENT VAULT CONSISTED OF AN OLDCASTLE PRECAST MODEL 6X12-GA 1,500 GALLON VAULT WITH ACCESS MANHOLES. THE SEPARATOR PORTION OF THE VAULT WAS FILLED WITH 1,025 GALLONS OF GZVI. THE GZVI WAS AN 8 TO 50 MESH PRODUCT THAT WAS CERTIFIED CLEAN BY THE MANUFACTURER.
3. GRAVITY WELL INSTALLATION INCLUDED THE FOLLOWING:
   A. GRAVITY WELL IS A 6-INCH DIAMETER PVC WELL, SCREENED FROM ELEVATION 20 TO 35 FEET NAVD88.
   B. PVC WELL MATERIALS ARE 0.030-INCH SLOT AND 2/12 COLORADO SILICA SAND.
   C. BENTONITE SEAL WAS PLACED TO ELEVATION 46 FEET NAVD88, CORRESPONDING TO THE INVERT OF THE TEE CONNECTION CONSTRUCTED FROM THE WELL TO VAULT. PIPE FROM THE VAULT TO GRAVITY WELL IS A 2-INCH PVC PIPE SLOPED AT 1 TO 2%.
4. GEOMEMBRANE LINER WAS USED AS A SEPARATION LAYER BETWEEN THE ISS AND TRENCH BACKFILL MATERIALS. TRENCH CONSTRUCTION WAS COMPLETED PER THE SPECIFICATIONS.
5. LARGE DIAMETER HOLES (4-INCHES) WERE DRILLED IN THE LAGGING FROM THE SHORING WALL FROM AN APPROXIMATELY 50 FOOT WIDE AREA TO FACILITATE PERCHED WBZ GROUNDWATER FLOW INTO THE TRENCH. HOLES WERE PLACED ON 4-FOOT SPACINGS TO ALLOW ADDITIONAL WATER MOVEMENT THROUGH THE LAGGING.



TRENCH PROFILE

0 10 20

SCALE IN FEET
HORIZONTAL = VERTICAL



TRENCH SECTION

0 5 10

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Checker	X
Reviewer	X

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Remediation Design
Seattle, Washington

Interceptor Trench AS-BUILTS

Drawing No.
C-10

Sheet 24 of 26

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LEGEND

- EXCAVATION / TREATMENT AREA
- BUILDING FOUNDATIONS
- ASPHALT PAVING
- CONCRETE PAVING
- GRAVEL SURFACES
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES
- SITE PERIMETER FENCING

STABILIZED INTERIM SURFACES

- ISS AREAS - WOVEN INDICATOR GEOTEXTILE FABRIC WITH 6 INCHES CRUSHED ROCK
- ISS SWELL AREA - WOVEN INDICATOR GEOTEXTILE FABRIC
- EXCAVATION AREAS - 6 INCHES OF CRUSHED ROCK TO THE SURROUNDING GRADE
- ROW - RESTORED TO PRE-CONSTRUCTION CONDITIONS

0 40 80
SCALE IN FEET

NOTES

1. EXISTING ASPHALT, CONCRETE, AND GRAVEL AREAS WILL REMAIN DURING THE INTERIM PERIOD BETWEEN SITE CLEANUP AND DEVELOPMENT.
2. BUILDING FOUNDATIONS THAT ARE OUTSIDE OF THE CLEANUP ACTION AREAS WILL REMAIN IN PLACE.
3. PERIMETER FENCING ALONG ROADWAYS WILL BE MAINTAINED DURING THE INTERIM PERIOD BETWEEN SITE CLEANUP AND DEVELOPMENT.

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Drafter	C. Taylor
Checker	X
Reviewer	X

Upland AOC Cleanup Action Areas Interim Stabilization AS-BUILTS

Time Oil Bulk Terminal
Remediation Design
Seattle, Washington

Drawing No.
C-11

Sheet 25 of 26

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Attachment 3

Inspection Sheet

TOC Upland AOC Inspection and Maintenance Log

Property Address: 2701–2805 W. Commodore Way
Seattle, 98199

Inspection Date: _____ **Inspection Time:** _____

Inspected By: _____

Weather Conditions: _____

Inspection Type (Routine, Event-Related, Other): _____

Describe event, if applicable (storm, earthquake, etc.) _____

Site Cap Element	Potential Problem?	Yes/No	Corrective Action/Location	Photo No.
Rock/Landscape Cap	Stormwater Erosion			
	Surface Settlement/Cracking			
	Embankment Slope Failure/Slumping			
	Unauthorized Excavation/Disturbance			
	Other			
Comments:				
Hard Surfaces (i.e., Pavement, Concrete) Cover	Surface Disturbance/ Damage			
	Surface Wear/ Deterioration/ Potholes			
	Surface Settlement/Cracking			
	Other			
Comments:				

Appendix C

Vapor Intrusion Assessment and Mitigation Plan

APPENDIX C
VAPOR INTRUSION ASSESSMENT AND MITIGATION PLAN
LONG-TERM COMPLIANCE MONITORING PLAN

Time Oil Bulk Terminal
Seattle, Washington

February 10, 2023

APPENDIX C
VAPOR INTRUSION ASSESSMENT AND MITIGATION PLAN

LONG-TERM COMPLIANCE MONITORING PLAN

Time Oil Bulk Terminal
Seattle, Washington

February 10, 2023

PREPARED FOR:
TOC Seattle Terminal 1, LLC
2753 West 31st Street
Chicago, Illinois 60608

PREPARED BY:

CRETE
CONSULTING, INC.

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1 Introduction

This Vapor Intrusion (VI) Assessment and Mitigation Plan (VI Plan) is Appendix C of the Long-Term Compliance Monitoring Plan (LTCMP), prepared for TOC Seattle Terminal 1, LLC (TOCST) to document the long-term monitoring required at the Time Oil Bulk Terminal[1] (Property) located on W. Commodore Way in Seattle, Washington. The Property consists of four separate parcels (commonly identified as the Bulk Terminal parcel, ASKO Hydraulic parcel [ASKO parcel], East Waterfront parcel, and West Waterfront parcel) that were acquired by TOCST in November 2020 under the terms of a Prospective Purchaser Consent Decree (PPCD) entered in King County Cause No. 20-2-15215-3 SEA (as amended).

This VI Plan pertains to the Bulk Terminal parcel and the ASKO parcel, collectively known as the Upland AOC, based on the residual impacts remaining in this portion of the Property. Between July and December 2021, remedial actions were performed to satisfy requirements of the PPCD and were based on the design requirements presented in the Engineering Design Report (EDR; CRETE 2021) and the Cleanup Action Plan (CAP; Ecology 2020). The Remedial Action Completion Report Phase 1 (RACR; CRETE 2022) documents those completed remedial actions, which included removal of 9,619 cubic yards (15,391 tons) of source material, in-situ soil stabilization (ISS) treatment of 27,900 cubic yards of source material and in-situ treatment of volatile organic compounds (VOCs) in the groundwater along a portion of the northern property boundary of the ASKO parcel (shown on Figure 1). The remedial action also included installing a groundwater interceptor trench and permeable reactive barrier containing zero-valent iron along a portion of the southern ASKO property boundary and the incorporation of an oxygen releasing amendment into backfill placed below the groundwater table at CAA-2 (shown on Figure 1). The second and final phase of the remedial action will include installation of a cap and implementation of institutional controls on the Upland AOC in conjunction with redevelopment of the Property to provide a protective barrier to remaining contamination.

Currently, the Upland AOC is undeveloped and no permanent buildings or structures have been installed. All disturbed surfaces and remediation areas were stabilized with compacted ballast rock to create a firm interim surface and the area is fenced to restrict site access. Figure 2 presents a site map showing post cleanup action conditions which are reflective of current site conditions at the time of drafting this document (prior to site development). Future development plans include the construction of site buildings and, as noted above, the installation of a permanent cap that will include building foundations, sidewalks, parking areas, driving lanes and landscaped areas. Figure 3 presents a site map illustrating proposed locations for the site buildings and other features planned for the Upland AOC.

[1] The parcels include King County Parcel Nos. 1125039050, 1125039081, 1125039120, and 4237900405, also referenced as Property for purposes of this LTCMP. The legal definition of the Site is set forth in the PPCD.

Volatile contaminants remain in soil and groundwater in the Upland AOC. Therefore, in general accordance with the CAP (Ecology 2020), an initial assessment has been performed to determine if there is a potential for soil vapor associated with remaining subsurface contamination to migrate into future buildings and result in contaminated indoor air. Based on the results of the assessment, engineering controls will be necessary during building construction to mitigate VI risk. This document provides a summary of the assessment and describes VI mitigation measures that should be implemented.

2 VI Assessment

A preliminary VI assessment was performed following Ecology's Guidance for Evaluating Vapor Intrusion in Washington State ("VI Guidance", Ecology 2022). As described in the VI Guidance, the goal of a Preliminary Assessment is to identify whether the potential for VI exists at a specific site and if it does, which buildings could be affected. Preliminary Assessments generally include an evaluation of site data and conditions to determine the following:

- whether site contaminants are present that are sufficiently toxic and volatile to pose a potential VI threat;
- whether enough data have been collected to determine the degree and extent of such contamination; and
- whether existing or future buildings are close enough to the contamination to be impacted by VI.

Ultimately, the results of a Preliminary Assessment will determine if site conditions are likely to pose a potential VI threat, warranting the need for further VI evaluation. If additional evaluation is needed, typically a Tier 1 and/or a Tier 2 VI assessment would be performed as outlined in the VI Guidance, both usually requiring collection and analysis of additional data.

- A Tier 1 evaluation typically involves collection and analysis of groundwater and/or soil gas samples to determine whether the concentrations of volatile contaminants in the subsurface are high enough to potentially result in unacceptable indoor air levels. Tier 1 evaluations can be conducted for existing buildings or buildings that could be constructed in the future. This evaluation typically uses generic soil gas and/or groundwater screening levels protective of the VI pathway. If the Tier 1 evaluation concludes that subsurface contamination is present at concentrations significant enough to pose a threat to the indoor air quality of one or more occupied buildings, the next step is typically a Tier 2 evaluation.
- The goal of a Tier 2 evaluation is to determine whether concentrations of VOCs in indoor air from VI are at unacceptable levels. Tier 2 evaluations also typically include measurements of ambient air and sub-slab soil gas or crawl space air. If the measured indoor air concentrations exceed the applicable cleanup levels and are not due to ambient air or indoor air sources such as household cleaners, paints, gasoline or other VOCs, then VI mitigation and/or other measures should be quickly implemented to protect indoor receptors.

Alternatively, the VI Guidance provides for implementing preemptive VI mitigation measures instead of conducting additional assessment if it becomes apparent that shallow groundwater or soil gas concentrations near an existing or planned building are very high or are likely to be very high. Preemptive mitigation measures are often implemented to

minimize sampling-related costs and can be installed when a new building is being constructed in a contaminated area. Preemptive mitigation has been selected for the planned buildings on the Upland AOC (see Section 3); therefore, no additional assessment beyond the Preliminary Assessment has been performed.

Details of the preliminary VI assessment are presented in the following sections.

2.1 Volatile Site Contaminants

Site contaminants remaining in soil and/or groundwater on the Upland AOC that could contribute to potential VI include the following indicator hazardous substances (IHSs); these were previously identified through completion of the remedial investigation (Floyd Snider 2020) and summarized in the CAP:

- Gasoline-range organics (GRO)
- Diesel-range organics (DRO)
- Benzene
- Trichloroethylene (TCE)
- Vinyl chloride (VC)

These compounds are considered potential IHSs for indoor air inside the future site buildings. To evaluate potential VI risks from these IHSs, existing groundwater and soil data were reviewed, as discussed in the following sections.

2.2 Groundwater Data Evaluation

2.2.1 Groundwater VI Screening Criteria

For the groundwater evaluation, concentrations of dissolved IHSs were compared to current Model Toxics Control Act (MTCA) Method B screening levels established by Ecology for protection of the VI pathway. Those screening level values are derived from MTCA Method B indoor air cleanup levels (CULs) developed in accordance with WAC 173-340-750. The applicable VI screening levels for groundwater IHSs and corresponding indoor air CULs are summarized in Table 1, below.

Table 1: Summary of Groundwater VI Screening Levels and Indoor Air CULs for Indicator Hazardous Substances

Indicator Hazardous Substance	Method B Groundwater VI Screening Level	Unit	Method B Indoor Air Cleanup Level[(a)]	Unit
GRO+DRO	NE	--	46[(b)]	µg/m^3
Benzene	2.4	µg/L	0.32	µg/m^3
TCE	1.4	µg/L	0.33	µg/m^3
Vinyl Chloride	0.33	µg/L	0.28	µg/m^3

Notes:
GRO - Gasoline-range organics
DRO - Diesel-range organics
TCE - Trichloroethene
NE - Not established
µg/L - Micrograms per liter
µg/m^3 - Micrograms per cubic meter

a) If site-specific measurements of outdoor background air concentrations exceed these health-based levels, the indoor air CULs must be adjusted up to the outdoor background air concentrations. The levels shown for benzene, TCE, and vinyl chloride are based on cancer risk.

b) The CUL provided for GRO+DRO is the generic indoor air cleanup level for total petroleum hydrocarbons (TPH) provided in Appendix E of Ecology's 2022 VI Guidance, which has been updated from values presented in the CAP (Ecology 2020). There is no corresponding groundwater VI screening level for GRO+DRO. A site-specific CUL for TPH may be established during vapor intrusion sampling using Site petroleum hydrocarbon data in accordance with the VI Guidance.

While there is no established groundwater screening level for GRO+DRO protective of indoor air, concentrations of these compounds were evaluated against other screening criteria established in Appendix B of the VI Guidance. Specifically, the evaluation considered concentrations of total petroleum hydrocarbons (TPH; primarily GRO+DRO) and benzene to determine whether residual concentrations would be within the recommended depths for minimizing VI risks to the planned buildings. The VI Guidance recommends a vertical separation distance of at least 6 feet when TPH concentrations in groundwater are up to 30 milligrams per liter (mg/L; 30,000 micrograms per liter [µg/L]) and/or when benzene concentrations in groundwater are up to 5 mg/L (5,000 µg/L). This 6-foot vertical separation also applies to specific TPH and benzene concentrations in soil (discussed in Section 2.3). The guidance recommends a vertical separation distance of at least 15 feet when TPH and benzene in groundwater are greater than the respective values listed above.

There are no groundwater concentrations specified in the VI Guidance for evaluating lateral separation distance. However, if the degree and extent of contamination is well defined and the dissolved plume is stable or receding, then a horizontal separation distance of 30 feet is generally appropriate. For other types of volatile substances (e.g., chlorinated solvents), a lateral distance of at least 100 feet is appropriate.

2.2.2 **Groundwater IHS Data Summary**

Historical site groundwater data, presented in the Supplemental Remedial Investigation and Feasibility Study (RI/FS; Floyd Snider 2020), shows that groundwater IHS concentrations were present above the Method B groundwater screening levels for protection of the VI pathway throughout the Upland AOC prior to implementing the 2021 remedial actions. The most recent groundwater data for the majority of the site wells were collected in 2016 and 2019. Current (post-remedial action) groundwater conditions have not yet been assessed. However, given that contamination was left in place throughout portions of the Upland AOC, the most recent concentrations from the RI/FS were conservatively used for this preliminary VI assessment.

Historical groundwater concentrations for volatile IHSs are provided in Attachment 1 (Tables A-1 through A-3 and shown on Figure A-1), and are summarized as follows:

- TCE was historically present at concentrations up to 15,000 µg/L, with the maximum concentration detected in a former monitoring well located within the footprint of the Cleanup Action Area (CAA)-4 ISS area, screened in the shallow water bearing zone (WBZ) (01MW55, sample collected on 11/25/2008).
- VC was historically present at concentrations up to 170 µg/L, with the maximum concentration detected in a former monitoring well located within the footprint of the CAA-4 ISS area, screened in the shallow WBZ (01MW55, sample collected on 11/25/2008).
- Benzene was historically present at concentrations up to 14,000 µg/L, with the maximum concentration detected in a former monitoring well located within the CAA-2b right of way (ROW) source removal area, screened in the shallow WBZ (01MW02, sample collected on 12/8/2011).
- GRO was historically detected at concentrations up to 30,000 µg/L, with the maximum concentration detected in a well located in the vicinity of the CAA-2a ISS Area, screened in the shallow WBZ (01MW19, sample collected 6/20/2006).
- DRO (represented by total DRO and oil range organics [ORO]) was historically detected at concentrations up to 21,000 µg/L, with the maximum concentration detected in a well located in the vicinity of the CAA-2a ISS Area, screened in the shallow WBZ (01MW09, sample collected on 7/26/2005). As noted, these concentrations represent total DRO+ORO, and are considered a conservative estimate of DRO conditions at the site, given that DRO was the primary component and the ORO fraction was significantly less than the DRO fraction.

The summary above references the maximum groundwater sample concentrations detected over time. More recent sampling events (i.e., 2016, 2019) show decreasing concentrations for some wells, though values remain significantly above the VI screening levels for site IHSs. The more recent (2016, 2019) data indicate that:

- TCE detections ranged from 1.2 to 5,900 µg/L;

- VC detections ranged from 0.26 to 40 µg/L;
- Benzene detections ranged from 0.35 to 2,600 µg/L;
- GRO detections ranged from 140 to 10,000 µg/L; and
- DRO detections (i.e., total DRO+ORO) ranged from 53 to 11,000 µg/L.

As illustrated in Attachment 1 (Tables A-1 and A-2 and Figure A-1), many of the recent IHS detections are significantly higher than their respective groundwater VI screening levels listed above in Table 1 or 2-times the groundwater CUL for GRO and DRO. For this assessment, the existing IHS data provide a conservative prediction of possible vapor intrusion risk at the site.

2.2.3 Shallow Water Bearing Zone Characteristics

The Shallow WBZ is present at depths as shallow as 4 feet below ground surface (bgs, 42 feet NAVD 88) and slopes downward to the north and west. The thickness of the Shallow WBZ ranges from approximately 5 to 12 feet on the Bulk Terminal and ASKO parcels (Floyd Snider 2020). The Shallow WBZ is underlain by a continuous low-permeability layer of slightly moist to dry, stiff sandy silt approximately 5 feet thick that generally slopes to the north along with the Site topography.

Historical groundwater samples from the Shallow WBZ indicate that groundwater concentrations for IHSs are likely to exceed Ecology's Method B VI screening levels in several wells located throughout the footprint of the site. Groundwater is located within 4 feet of the ground surface at the shallowest locations. The highest concentrations of exceedances overlap with both recently remediated ISS treatment areas (CAA-2a and CAA-4) and the in-situ groundwater treatment area (northern portion of the ASKO parcel), and isolated locations elsewhere across the site. Figure A-1 in Attachment 1 shows these locations in relation to the planned buildings.

2.3 Soil Data Evaluation

As mentioned above, cleanup activities at the site included excavation and off-site disposal of contaminated soil (shown on Figure 1). The Upland AOC soil removal was completed to site Remediation Levels[2] (RELs), which are above MTCA soil cleanup levels for some IHSs. Soils above MTCA cleanup levels remain on the Upland AOC; therefore, this portion of the site will be capped in accordance with the CAP.

[2] RELs were established for GRO (5,000 mg/kg), DRO+ORO (12,000 mg/kg), benzene, TCE (1.0 mg/kg), and LNAPL. The REL for benzene was not based on a concentration, but instead was based on collocated GRO meeting its REL. The REL for LNAPL was based on no longer being observable.

2.3.1 **Soil VI Screening Criteria**

Ecology has not established soil screening levels for protection of indoor air. Typically, soil vapor sampling is performed to determine if VI screening levels for soil vapors have been exceeded when contaminated soil is below or in close proximity to a building. However, the MTCA VI Guidance states that soil data can be used to evaluate whether there is potential VI risk from soil vapors based on values defined in WAC 173-340-740(3)(b)(iii)(C)(III) and 173-340-745(5)(b)(iii)(C)(III): whenever soil concentrations of volatile organic compounds are significantly higher than values derived for protection of groundwater as drinking water, the risk for contaminated soil vapor is present.

The VI Guidance also specifies soil concentrations for TPH (GRO+DRO) and benzene to determine whether residual concentrations would be within the recommended depths for minimizing VI risks to the planned buildings. A vertical separation distance of at least 6 feet is recommended when:

- unweathered gasoline TPH concentrations in soil are up to 100 milligrams per kilogram (mg/kg),
- weathered gasoline and diesel TPH concentrations in soil are up to 250 mg/kg, and/or when
- benzene concentrations in soil are up to 10 mg/kg.

The guidance recommends a vertical separation distance of at least 15 feet when TPH and benzene in soil are greater than the respective values listed above. As with groundwater, the VI Guidance does not specify soil concentrations for evaluating lateral separation distance, but a horizontal separation of 30 feet is generally appropriate when contamination is primarily petroleum hydrocarbons, and 100 feet is recommended for other types of volatile substances (e.g., chlorinated solvents).

It is known that elevated concentrations of contaminants remain in soil at CAA-4 and CAA-2a since these soils were encapsulated through ISS treatment. The remaining site soils in the CAAs within the Upland AOC were removed to site RELs, which are above values derived for protection of groundwater as drinking water for GRO, DRO, TCE, and benzene. VC was not established as an IHS in soil. The applicable MTCA Method B soil CULs for protection of groundwater as drinking water are summarized in Table 2, below.

Table 2: Method B Soil CULs Protective of Groundwater as Drinking Water for Indicator Hazardous Substances

Indicator Hazardous Substance	Method B Soil Cleanup Level Protective of Groundwater, Vadose Zone	Unit	Method B Soil Cleanup Level Protective of Groundwater, Saturated Zone	Unit
GRO	30[(a)]	mg/kg	30[(a)]	mg/kg
DRO	2,000[(b)]	mg/kg	2,000[(b)]	mg/kg
Benzene	0.027[(c)]	mg/kg	0.0017[(c)]	mg/kg
TCE	0.025[(c)]	mg/kg	0.0015[(c)]	mg/kg

Notes:
GRO - Gasoline-range organics
DRO - Diesel-range organics
TCE - Trichloroethene
mg/kg – Milligrams per kilogram

a) The value shown for GRO is based on MTCA Method A as a surrogate for Method B, and is applicable when benzene is present.
b) The value shown for DRO is based on NTCA Method A as a surrogate for Method B.
c) The Method B values shown for benzene and TCE are based on cancer risk.

2.3.2 Soil IHS Data Summary

Figures B-1 through B-13 in Attachment 1 show a summary of the remaining soil contamination at the site with regard to volatile IHSs. Table B-1 provides a summary of the volatile IHS soil data remaining at the site, including ISS stabilized soils. The data indicate the following:

- GRO is present in soil at concentrations up to 760,000 mg/kg (01SB09, sample collected on 6/6/1999, located within CAA-2a ISS area), at depths ranging from 2 to 20 feet bgs[3]
- DRO (i.e., total DRO+ORO) is present in soil at concentrations up to 35,000 mg/kg (B336, sample collected on 5/22/2014, located within CAA-2a ISS area), at depths ranging from 2 to 20 feet bgs. As previously noted, this concentration represents total DRO+ORO, and is considered a conservative estimate of DRO conditions at the site, given that DRO was the primary component and the ORO fraction was significantly less than the DRO fraction.
- Benzene is present in soil at concentrations up to 5,600 mg/kg (01SB09, sample collected on 6/6/1999, located within CAA-2a ISS area), at depths ranging from 2 to 21 feet bgs

[3] Depths are provided below the ground surface post remediation.

- TCE is present in soil at concentrations up to 120 mg/kg (01MW71, sample collected on 2/11/2010, located within CAA-4 ISS area) at depths ranging from 2 to 37.5 feet bgs.

Based on the data presented in Attachment 1 (Table B-1 and Figures B-1 through B-13), site soils in CAA-4 and CAA-2a as well as site soils outside of cleanup action footprints, contain soil concentrations that are significantly elevated (i.e., greater than three times the CULs[4]) and could present a risk of migration to soil vapor.

2.4 VI Risk Evaluation for Proposed Buildings

Based on data presented in the above sections, contamination above applicable screening levels protective of the VI pathway remains at the site for both site groundwater and site soils. Extensive site cleanup efforts completed between July and December 2021 included the removal, stabilization and/or in-situ treatment of source materials present in both groundwater and soil. Updated groundwater data has not been collected to understand current site conditions; however, a review of groundwater data from pre-remedial action efforts indicates all site buildings overlap areas with an exceedance of at least one IHS in groundwater. Final building floor elevations and final building locations may change based on building plans, but at the time of this document the following summarizes building conditions with respect to the groundwater conditions at the site:

- The buildings located in the southeastern portion of the Upland AOC (Buildings E and F, shown on Figure 3) overlap with TPH exceedances in groundwater. Groundwater elevations in this area, based on RIFS Figures 5.2 and 5.4, are approximately 42 to 43 feet NAVD88 at the highest point, and the lowest building finished floor elevation (Building F) is 49.60 feet NAVD88, a vertical difference of 6.6 to 7.6 feet.
- Building D (Figure 3) overlaps with the CAA-2a ISS treatment area which has groundwater exceedances of TPH (GRO and DRO+ORO) and benzene. Groundwater elevations in this area, based on the RIFS Figures 5.2 and 5.4, are approximately 37 to 38 feet NAVD88 at the highest point, and the building finished floor elevation of Building D is 49.50 feet NAVD88, a vertical difference of 11.5 to 12.5 feet.
- Buildings located in the northwestern portion of the Upland AOC (Buildings A, B, and C shown on Figure 3) overlap with groundwater exceedances of TCE, VC, TPH (GRO and DRO+ORO) and benzene. Groundwater elevations in this area, based on the RIFS Figures 5.2 and 5.4, are approximately 29 to 30 feet NAVD88 at the highest point, and the lowest building finished floor elevation (Building A) is 48.30 feet NAVD88, a vertical difference of 18.3 to 19.3 feet.

[4] MTCA VI Guidance, Section 3.5.

Soil contamination depths vary across the site, and buildings may be constructed directly on top of native soils with only a separation based on what is needed for the building slab preparation, likely 6-inchs to 1 foot of import gravel.

Buildings A, B and C will be located over and in close proximity to soil containing elevated TCE concentrations and groundwater with TCE above screening levels protective of the VI pathway (Attachment A, Figure A-1). Groundwater concentrations are also above short-term TCE screening levels presented in the VI Guidance, Table A-3. Building use is anticipated to primarily include commercial and/or light industrial businesses; however, one caretaker unit may be located within each building on the top floor. People using any of the proposed buildings may include women of childbearing age (including pregnant women). In accordance with the VI Guidance, if TCE concentrations inside buildings exceed short-term action levels, additional immediate actions may be required to reduce exposures, if women of childbearing age are occupants. Action levels are included in Table A-2 of the VI Guidance (2.0 $\mu g/m^3$ for residential and 7.5 $\mu g/m^3$ for commercial/industrial) and actions to reduce exposure could include either reducing those concentrations or reducing the degree to which women of childbearing age are exposed.

2.5 VI Conceptual Site Model

The extent of groundwater and soil contamination is generally consistent with the conceptual Site model presented in the Remedial Investigation/Feasibility Study (RIFS) and the CAP (Floyd Snider 2020, Ecology 2020). Based on information provided in the RIFS, CAP and presented in this section the conceptual Site model conclusions related to soil vapor include the following:

- The confirmed and suspected sources of historical contaminants in groundwater and soil at the Bulk Terminal and ASKO parcels has been documented extensively in existing site documents (see the RIFS and CAP).
- Potential receptors exposed to upland media contamination include human receptors via direct contact exposure. Volatile contaminants in shallow soil and groundwater have the potential to volatilize and rise through the soil column and discharge into indoor air.
- The media of concern for the Upland AOC includes groundwater, soil, and soil vapor, and potentially future indoor air.
- At the Site, the most significant historical releases consisted primarily of TPH and TCE. On the ASKO Property and in the upgradient BNSF AOC, these are collocated in the same general area, resulting in commingling of IHSs that continue to leach from soil to groundwater.

A generalized cross section illustrating the VI conceptual Site model is presented on Figure 4.

2.6 Preliminary VI Assessment Conclusions

Site groundwater and soil contaminant concentrations are present within the Upland AOC above screening levels protective of indoor air. Dissolved contaminants in shallow groundwater prior to the 2021 remedial action were well above the screening levels protective of the VI pathway. While the recent remedial action is expected to reduce groundwater concentrations in the long term, dissolved contaminants throughout the Upland AOC are expected to remain above the VI screening levels for several years. Volatile contaminants remain in soil above the CULs following the 2021 remedial action. Based on this preliminary assessment, the residual volatile concentrations in soil are likely to contribute to soil vapors that could pose a risk for VI#

Based on the shallow depth of groundwater, extent of known soil contamination (specifically in the ISS areas), site soil type, and the extent of IHSs significantly above screening levels, volatile contaminants in the subsurface are sufficiently elevated to potentially result in unacceptable indoor air levels; thus, additional analysis or mitigation measures are triggered for this site per the VI Guidance.

The groundwater concentrations are expected to reduce over time, with concentrations at the conditional point of compliance (i.e., the northern property boundary for the Upland AOC) anticipated to achieve CULs within the restoration timeframe of 15 years[5]. This VI assessment may be revisited and updated to reflect conditions once groundwater concentrations are less than the VI screening levels at the Upland AOC.

As noted previously, preemptive mitigation has been selected for the planned buildings on the Upland AOC. The VI Guidance allows for preemptive mitigation in certain situations even though soil vapor and indoor air sampling (i.e., Tier 1 and Tier 2 assessments) haven't been performed. Preemptive mitigation is defined in the VI Guidance as follows:

- Preemptive mitigation is a term often used to describe VI mitigation efforts implemented without (or prior to) confirmation that VI-caused indoor air contamination exceeds acceptable levels.

Preemptive mitigation can be deemed necessary at any point in the VI evaluation process. Since known contamination exists at the Upland AOC, there is potential for contaminated soil vapors to migrate into future buildings. The costs to complete preemptive mitigation are considerably lower than the costs associated with retrofitting a building if contaminated indoor air is found following site development.

Based on the Preliminary VI Assessment and the potential cost impact of retrofitting buildings, preemptive mitigation strategies will be incorporated into building design and construction measures.

[5] Groundwater IHS concentrations within the Upland AOC, upgradient of the conditional point of compliance, are expected to require more than 15 years to meet compliance with the CULs.

3 Preemptive VI Mitigation Measures

For this project, the preemptive mitigation selected will be a physical barrier for all buildings constructed on a concrete slab within the Upland AOC.

Vapor barriers can be used as the primary mechanism for achieving mitigation goals if they are properly selected and installed correctly. Vapor barriers will ensure that future buildings protect human health and the environment for current and potential site uses. Current plans indicate that all site buildings will be constructed on a concrete slab, with no crawl spaces, basements, or subsurface parking. If building construction plans change to include these types of features or other foundation types, additional mitigation or modifications to the barrier type may be required. Ecology will be notified of any building construction changes and proposed updates or modifications to the mitigation solutions for site buildings prior to any construction or installation.

4 Mitigation Design and Maintenance

Vapor barriers will be installed in all future site buildings within the Upland AOC and will include the complete building foundation footprint. Vapor barriers will have at least the following properties:

- Will be ASTM E1745, Class A; stated by manufacturer as suitable for installation in contact with soil or granular fill under concrete slabs.
- Will be a minimum thickness of 20 mils and will be made of materials resistant to VOCs (verified by the manufacturer).
- All vapor barrier panels will be overlapped and sealed in accordance with manufacturer's installation instructions. The vapor barrier will be extended over footings and elevator shafts and will be sealed to foundation wall, grade beam, or slabs.
- The vapor barrier will be sealed around penetrations such as utilities and columns in order to create a continuous membrane between the surface of the slab and moisture and contaminant vapor sources below the slab as well as at the slab perimeter.
- All utilities will include a pipe boot that will be constructed from vapor barrier material and pressure sensitive tape per manufacturer's instructions.

The vapor barrier selected for the project site is Drago Wrap from Stego Industries, LLC of San Clemente, California (Attachment 2), or an Ecology approved equivalent product.

Drago Wrap is specifically engineered to mitigate environmental contaminants and is rated for the identified IHSs at the Site. Drago Wrap is a multi-layered plastic extrusion that is 20 mils (0.02 inch) thick and meets the standards of ASTM E1745 for water vapor retarders in contact with soil or granular fill under concrete slabs, meets standard methane and radon gas specifications, and is rated for petroleum hydrocarbons and chlorinated solvents environmental contaminants. Drago Wrap will be installed per the manufacturer's specifications.

Vapor barriers are installed beneath the building foundation, the concrete slab is poured directly on top of the barrier. Thus, no long-term operation, maintenance or management requirements are needed except for when penetrations are made. If future penetrations are required – such as for utility connections – the barrier will be patched and repaired per the manufacturer's instructions. Ecology will be notified of any planned penetrations prior to these occurring; notification will include planned methods for completing the repairs.

5 Sampling and Analysis Program - Vapor Intrusion

To confirm the effective installation of the vapor barrier, one round of indoor air sampling will be completed from each building post mitigation completion. Sampling will include indoor air sample collection and analysis in accordance with Ecology's VI Guidance. The VI Guidance requires that samples of indoor air be collected and analyzed as well as collecting building specific ambient (outdoor) air.

Figure 2 shows the proposed building layouts and Figures 5 through 10 show the ground level building plans for each building (Buildings A through F). Construction plans for future buildings include the following:

- All buildings will be constructed on a concrete slab
- Buildings will be four stories tall
- The buildings will be climate controlled and include heating and cooling as well as air circulation requirements per local codes
- Building use will be commercial/light industrial, in accordance with the local zoning regulations for the property
- Buildings may include loading garages/bays
- Buildings A through E have similar construction and planned use. These buildings will have commercial on the ground level and offices on the remaining floors. A caretaker suite may be located on the 4th floor. This may be incorporated into an office layout or used by the building caretaker. Building D may have a restaurant on the ground floor, with offices on the upper floors. The ground floor plans are shown on Figures 5 through 9.
- Building F will be located on the eastern portion of the site and will be a four-story self-storage facility. Restrooms and a small office will be located in the northern portion of the building and the remaining space will be rental storage bays. The ground floor plans are shown on Figure 10.

Based on these assumptions, indoor air samples are proposed on the ground floor, nearest to possible VI migration pathways for Buildings A through F. If IHSs are detected above cleanup levels in Buildings A through E, an additional sample will also be analyzed from the caretaker suite in the associated building.

For all buildings, two indoor air samples are proposed for collection on the ground floor of each building. During indoor air sampling, the pressure differential between the sub slab and the inside of the building will be measured at the same time as the indoor air sampling event. Indoor air sampling will occur when the pressure beneath the slab is greater than the indoor air space, representing a potential for sub slab vapor to migrate through the vapor

barrier into the indoor space through advection. The pressure differential will be measured at one of the two ground floor indoor air sample locations.

For Buildings A through E, sample locations were selected to represent the reasonable worst case. Specifically, samples will be collected on the lowest occupied level – one from an area with less ventilation (such as a bathroom or utility closet) which may result in the accumulation of vapors, and one from an area of highest worker occupancy (such as a common working area). Building F sample locations will include one in the southern half of the building in the Elevator 2 equipment room (representing a room with less ventilation), and a second location will be selected in the northern half in the office (communal area). Prior to collecting indoor air samples, proposed sample locations will be submitted to Ecology for approval.

In addition to the indoor air samples, 2 ambient (outdoor) air samples will be collected during each indoor air sampling event. These samples will be located on the upwind and downwind sides of the building(s).

5.1 Sampling Procedures

The Quality Assurance Project Plan (QAPP) is included in Attachment 3.

Indoor and ambient air samples will be collected over 8 hours so that a time weighted average sample can be collected. Samples will be collected using an integrated passive air sampler consisting of a 6-L laboratory-certified evacuated Summa canister. Each Summa canister will be equipped with a pressure gauge and a calibrated critical orifice air flow controller, all supplied by the laboratory. All samples will be collected according to the laboratory's instructions which are specific to the canister supplied at the time of sampling. Generally, canisters include a flow meter with a sample port attached to the canister. No tubing or additional connections are required. The pressure of each canister is checked throughout the 8 hours of sampling and the canister is closed, with sampling completed, once the pressure is just below 5 inches of Hg. Final canister pressure should be between 1 to 5 inches of Hg.

Prior to sampling, a pre-sampling building walk through will be completed to help identify any potential indoor sources of site IHSs. New building materials, such as, but not limited to, a carpeting, flooring, cabinets, furniture and paint can off gas and release VOCs that could be picked up in the indoor air samples. Efforts will be made to collect indoor air samples prior to the installation of building finishes. If that is not possible, sampling may be delayed to allow sufficient time for off gassing to occur.

Once the pre-sampling building walk through has been completed, sampling will be conducted. Canister inlet valve heights for indoor air samples will be set to be approximately at the breathing zone of an office worker. Ambient samples will be set at two locations placed on the upwind and downwind sides of the building; locations will be determined based on wind data for the day of sampling.

During indoor air sampling, the pressure differential between the sub slab and the inside of the building will be measured at the same time as the indoor air sampling event. Measurements will be collected using a hand-held data logging pressure recorder (such as a Zefon Omniguard or similar) and will be logged over the sampling duration.

The pressure differential sample port will penetrate the vapor barrier and be installed beneath the concrete slab. The sample port may be installed during construction, using a Vapor Pin® (or similar) or may be installed post construction. If installed during construction, the sample port will be treated similar to other vapor barrier penetrations (such as water lines) and will be sealed prior to the leak testing following the vapor barrier manufacturer's recommendations. If installed post construction, the Vapor Pin® (or similar) would be installed and sealed with a liquid sealant (such as DRAGO® MASTIC) product and application methods based on the vapor barrier recommendations. The sample port would have a secure cap and protective cover when not being used.

Time-weighted average indoor air and ambient air samples will be collected with 6-L Summa canisters fitted with 8-hour flow controllers. The samples will be submitted to Friedman and Bruya analytical laboratory (Seattle, WA) to measure the concentrations of IHSs which include: TCE, VC, and benzene using U. S. Environmental Protection Agency (EPA) Total Organics Method TO-15 low-level (indoor air and ambient air samples) and aliphatic and aromatic petroleum hydrocarbons using Massachusetts Department of Environmental Protection (MA DEP) Air-Phase Petroleum Hydrocarbons (APH) test Methods.

5.2 Contingency Actions

The vapor barrier will be installed beneath each building per the manufacturer's recommendations and leak testing will occur to ensure that all seals are property installed. Indoor air sampling is proposed, after building construction, to ensure that the vapor barriers are performing as designed. If the vapor barrier is penetrated in the future due to construction or building repairs, the vapor barrier will be repaired per the manufacturer's instruction.

One challenge to indoor air sampling is the prevalent contamination from sources of VOCs which may be present in building materials and furnishes, in products used by people (such as cigarettes or office cleaners) or products spilled (such as printer toner). VOC containing items/products can be brought into the building and then release VOCs through off gassing. These present a possible source of VOCs that could be picked up in samples but may not be from the sub slab environment. To account for this possibility, additional indoor air sampling will be triggered if VOCs are detected above cleanup levels in initial samples. Figure 11 shows a flow chart that will be used to decide if additional sampling and possible mitigation actions are triggered for each building.

If IHSs are detected above cleanup levels in indoor air samples, the location may be retested within 30 days of receiving the sample result. If results are similar, additional rounds of indoor air sampling under a positive building pressure will be implemented. If data suggests

that the vapor barrier has been compromised, additional mitigation measures will be implemented at that building as outlined on Figure 11. Initial contingency measures will utilize the building's existing HVAC system, to increase air flow circulation and create a positive pressure inside the building, eliminating the upward migration of sub slab vapor into the building. If results remain above cleanup levels after initial measures, sampling for additional petroleum-related compounds may be conducted if a site specific TPH CUL is calculated consistent with the VI Guidance. Other volatile compounds may also be analyzed to determine cumulative health risks consistent with the VI Guidance and WAC 173-340-708(5)(a). Additional mitigation measures will also be evaluated and may include installation of an active vapor recovery system.

Indoor air monitoring will comply with the Environmental Covenant (to be prepared). The vapor barrier to be installed beneath each building has a lifetime warranty from the manufacturer. Once indoor air sampling demonstrates that the CULs have been achieved, additional indoor air sampling is not anticipated to be necessary unless any of the following occur:

- If any construction or building repairs require penetration through the vapor barrier and vapor barrier repairs are not made following the manufacturer's recommendations, indoor air sampling may be performed to confirm the integrity of the vapor barrier following repairs.
- If a significant seismic event occurs resulting in observed shifting of building(s), indoor air sampling may be performed to confirm the integrity of the vapor barrier.

Ecology will be notified if either of the above events occur, and any additional indoor air sampling deemed necessary will be performed in consultation with Ecology.

As stated above, the groundwater concentrations are expected to reduce over time. Additional samples may be collected to verify sub slab conditions once the CULs have been met in groundwater. The need for continued VI evaluation and monitoring may be evaluated at that time on a building-by-building basis in consultation with Ecology.

6 Site Reporting

Reporting will follow section 4 of the LTCMP, from which specific provisions for VI mitigation and monitoring elements have been reproduced below.

Following Ecology's approval of the LTCMP, annual LTCMP reports will be prepared and submitted to Ecology to document post-remedy monitoring activities. The annual reports will include, at a minimum, the following related to VI topics:

- A summary of all VI monitoring activities and data collected per the LTCMP for the previous year, including the results of vapor intrusion assessment(s) and a summary of contingency actions if warranted;
- Recommendations for updates to monitoring locations or frequency (as appropriate);
- Summary of any vapor barrier repairs completed or VI data collected,
- Summary of Property modifications, including any changes in use, accidents, or upsets that could affect components of the VI barrier and associated controls.

These reports will be submitted by March 1 for the prior calendar year.

In addition to the annual LTCMP report, progress reports will be prepared on a quarterly basis, in accordance with the requirements of the PPCD, and submitted to Ecology via email no later than the 15th day following each quarterly reporting period (April 15, July 15, October 15 and January 15). The progress reports will document work completed and planned and will also include all other information specified in Section XII of the PPCD. Progress reports will include any planned VI work, including indoor air sampling locations and or any planned vapor barrier disturbances. The Progress report will include the planned repair of any barrier disturbances.

7 References

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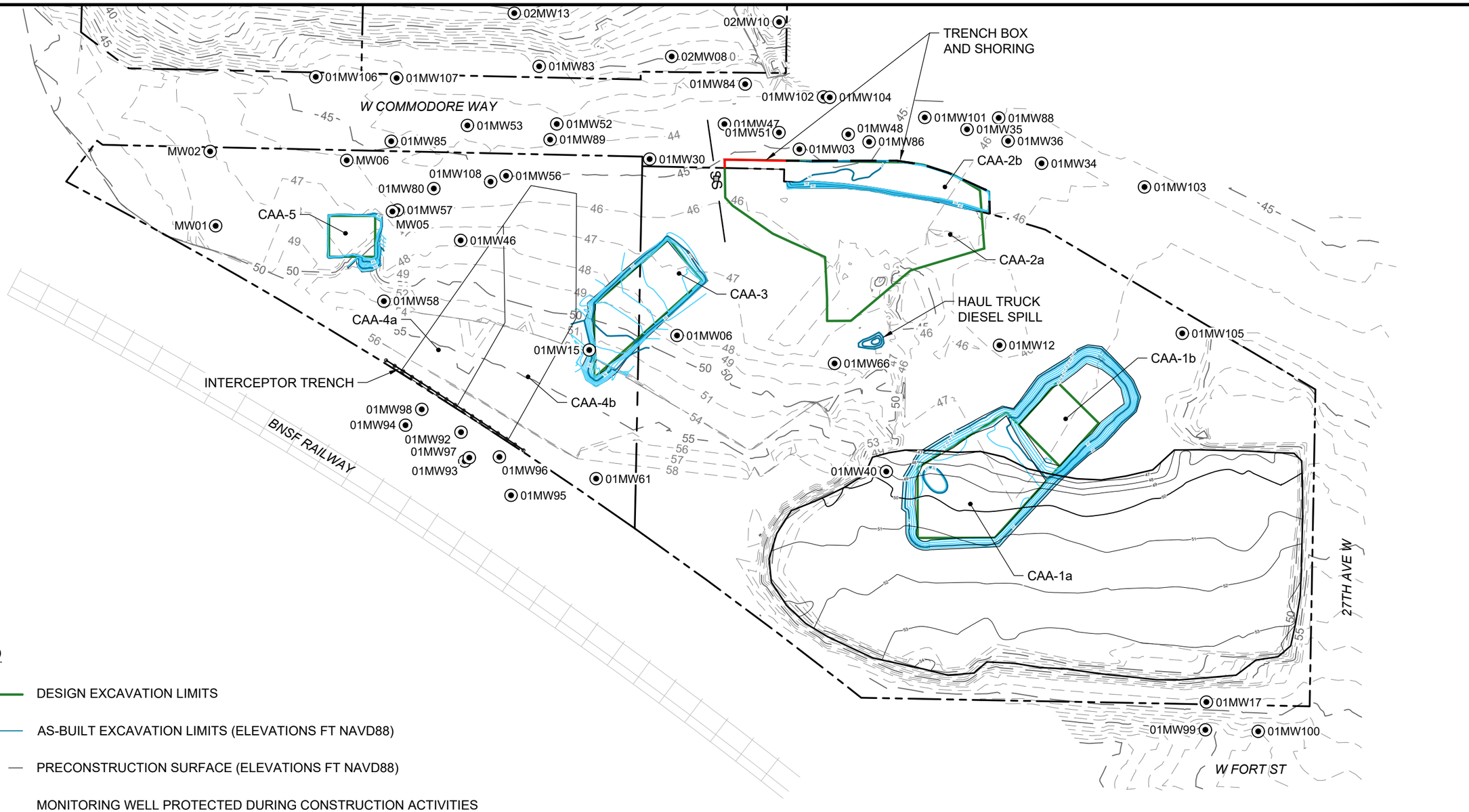
Figures



LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- OHW — ORDINARY HIGH WATER
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

0 80 160

SCALE IN FEET

CRETE CONSULTING, INC.

Time Oil Bulk Terminal - Seattle, Washington
Vapor Intrusion Assessment and Mitigation Plan
January 2023

Figure 1
Property Cleanup Summary

File: D:_Projects\Crete\Time Oil Seattle\Time Oil_As-Built Property Cleanup Summary.dwg Date: January 9, 2023



LEGEND

- EXCAVATION / TREATMENT AREA
- A — PROPOSED BUILDING FOOTPRINTS
- BUILDING FOUNDATIONS
- ASPHALT PAVING
- CONCRETE PAVING
- GRAVEL SURFACES
- B — B' CROSS SECTION LOCATION (SEE FIGURE 4)
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

STABILIZED INTERIM SURFACES

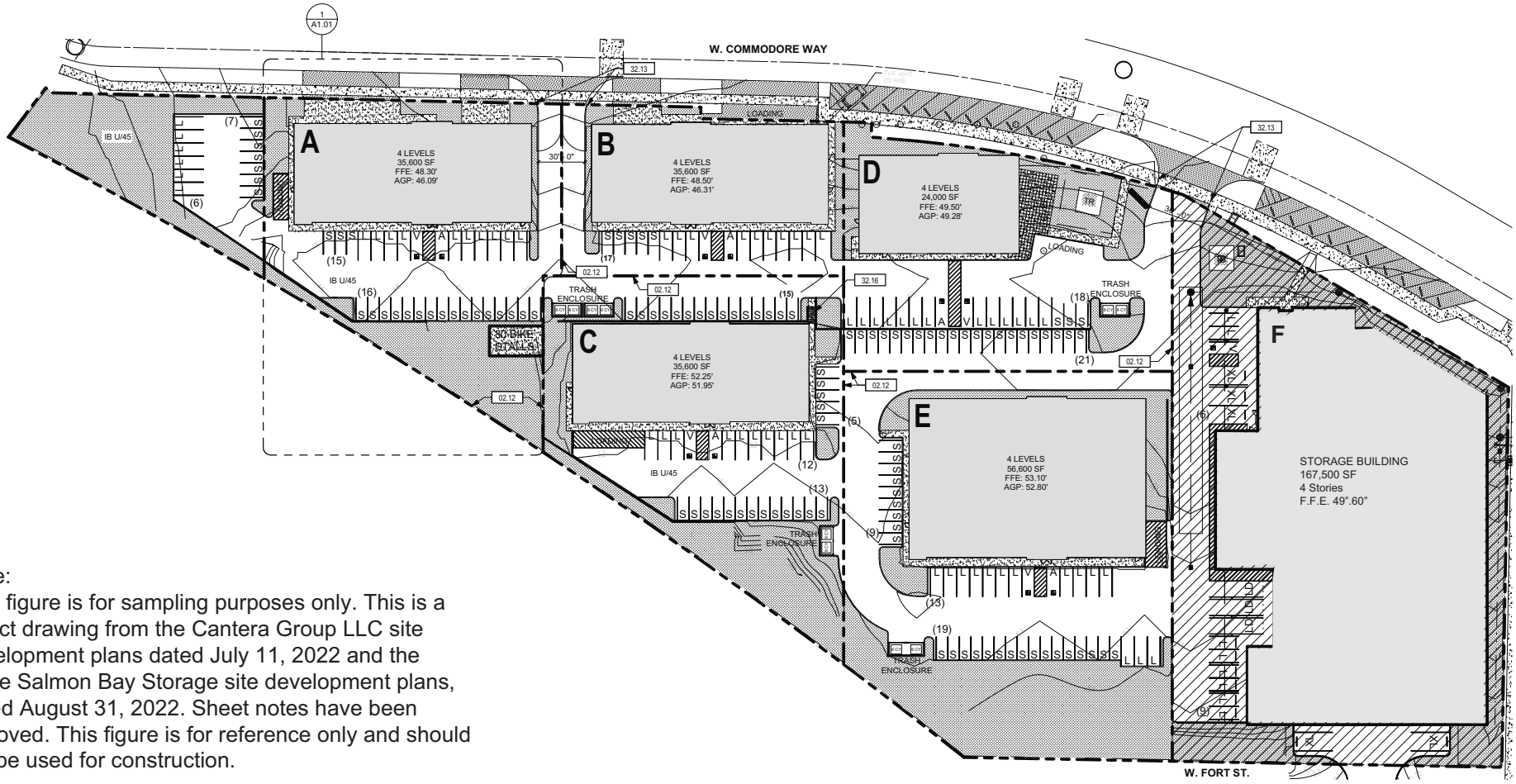
- ISS AREAS - WOVEN INDICATOR GEOTEXTILE FABRIC WITH 6 INCHES CRUSHED ROCK
- ISS SWELL AREA - WOVEN INDICATOR GEOTEXTILE FABRIC
- EXCAVATION AREAS - 6 INCHES OF CRUSHED ROCK TO THE SURROUNDING GRADE
- ROW - RESTORED TO PRE-CONSTRUCTION CONDITIONS

CRETE CONSULTING, INC.

Time Oil Bulk Terminal - Seattle, Washington
Vapor Intrusion Assessment and Mitigation Plan
January 2023

Figure 2
Post-Cleanup Action Site Conditions

File: D:_Projects\Crete\Time Oil Seattle\Time Oil_As-Built Property Cleanup Summary.dwg Date: January 9, 2023

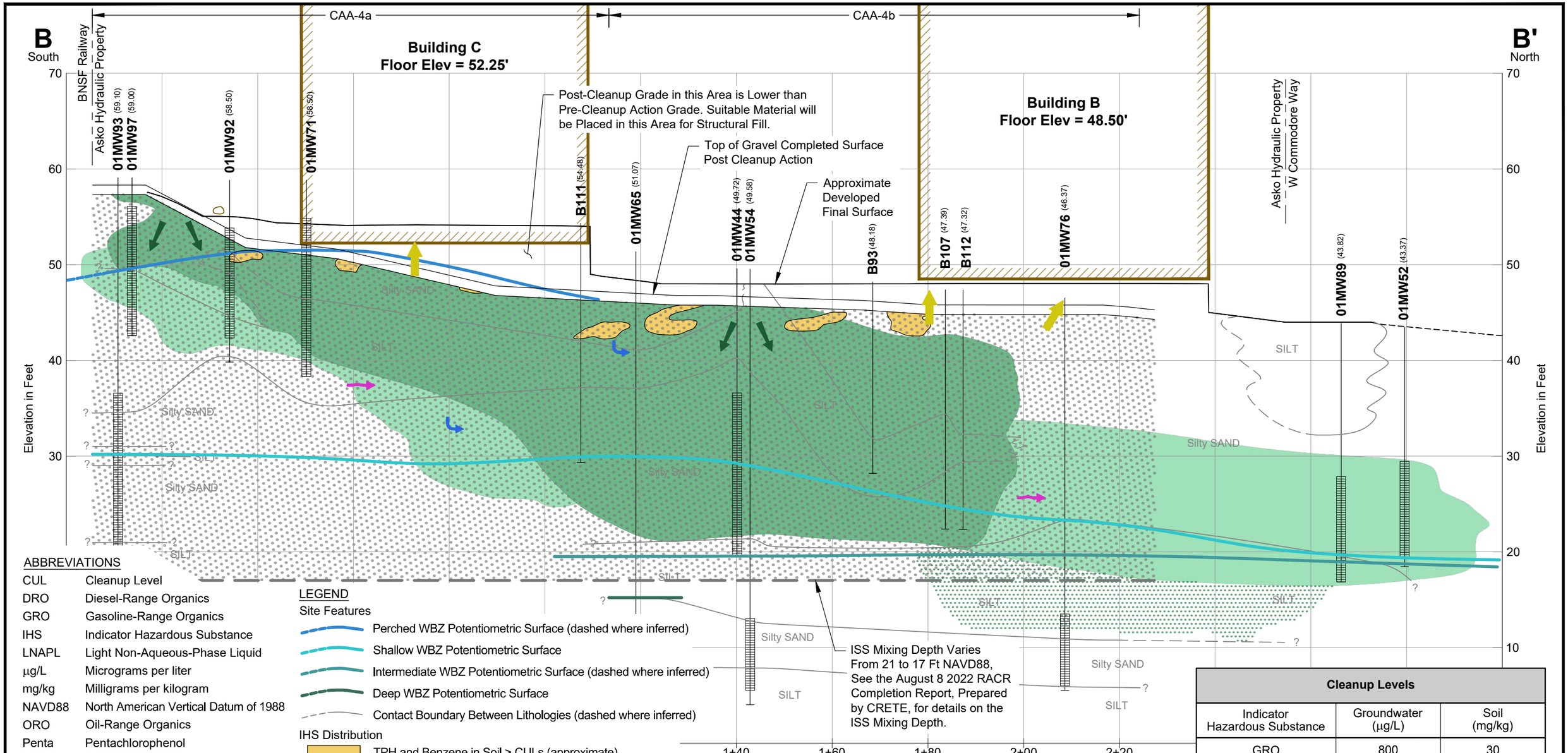


Note:
This figure is for sampling purposes only. This is a select drawing from the Cantera Group LLC site development plans dated July 11, 2022 and the Insite Salmon Bay Storage site development plans, dated August 31, 2022. Sheet notes have been removed. This figure is for reference only and should not be used for construction.

1 SITE PLAN
1" = 40'-0"
TRUE NORTH PROJECT NORTH

N

Figure 3
Proposed Building Layouts



ABBREVIATIONS

CUL	Cleanup Level
DRO	Diesel-Range Organics
GRO	Gasoline-Range Organics
IHS	Indicator Hazardous Substance
LNAPL	Light Non-Aqueous-Phase Liquid
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
NAVD88	North American Vertical Datum of 1988
ORO	Oil-Range Organics
Penta	Pentachlorophenol
PL	Property Line (approximate)
TCE	Trichloroethene
TPH	Total Petroleum Hydrocarbons
WBZ	Water-Bearing Zone

NOTE

Lithology and IHS distribution based on Figure 2.6 from the 2020 Cleanup Action Plan. See Figure 5.7 of the 2020 Cleanup Action for the well location IDs.

LEGEND

Site Features

- Perched WBZ Potentiometric Surface (dashed where inferred)
- Shallow WBZ Potentiometric Surface
- Intermediate WBZ Potentiometric Surface (dashed where inferred)
- Deep WBZ Potentiometric Surface
- Contact Boundary Between Lithologies (dashed where inferred)

IHS Distribution

- TPH and Benzene in Soil > CULs (approximate)
- TCE in Soil and/or Groundwater > CULs (approximate)
- TCE and Breakdown Products (Vinyl Chloride) in Groundwater > CULs (approximate)
- Limited Migration Through Low Permeability Silt > CULs (approximate)
- Insitu Solidification Area

Migration and Exposure Pathways

- Downward and Outward Migration in Vadose Zone
- Dissolution
- Downgradient Migration in Groundwater
- Upward and Outward Vapor Migration

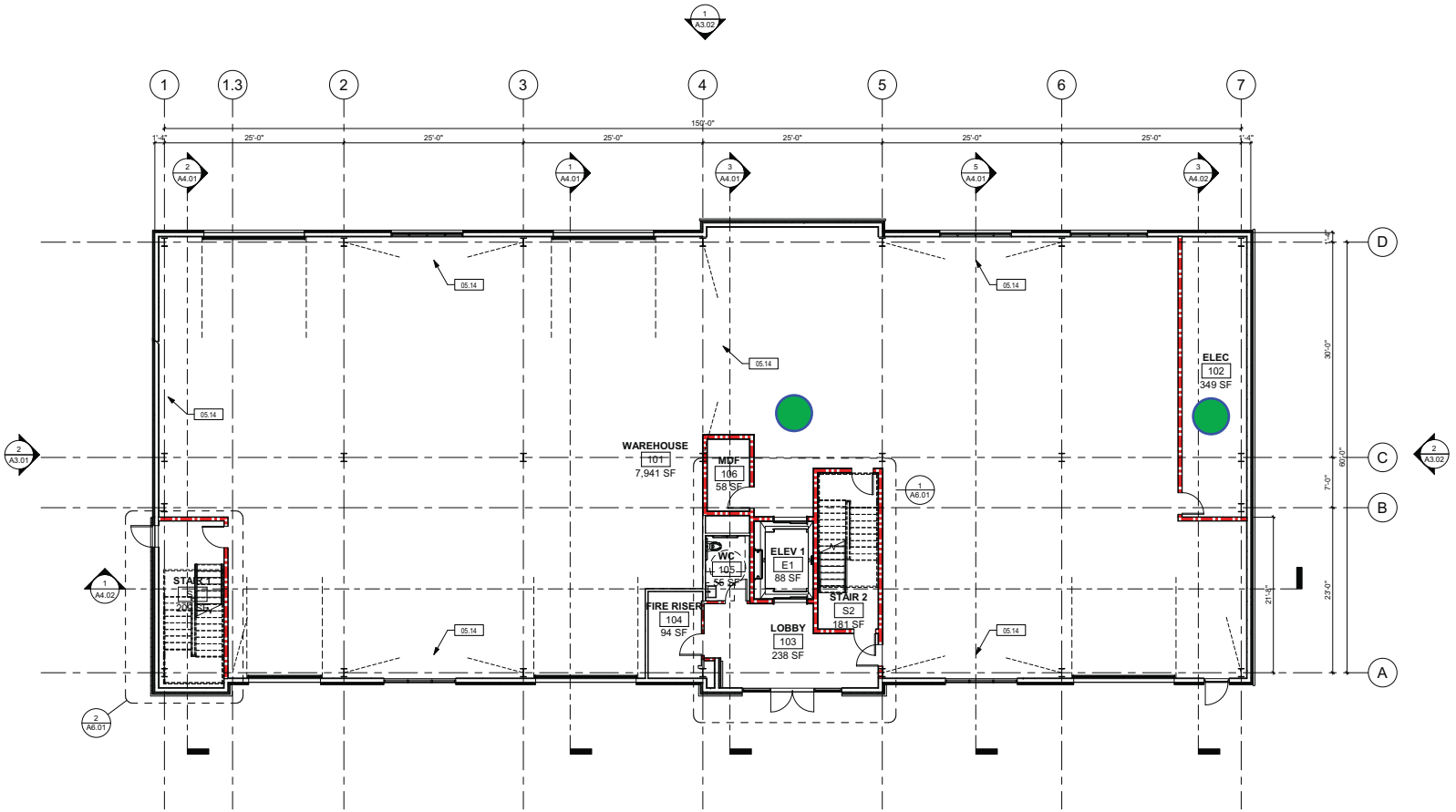
Cleanup Levels

Indicator Hazardous Substance	Groundwater (µg/L)	Soil (mg/kg)
GRO	800	30
DRO + ORO	500	2,000
Benzene	0.44	0.02
TCE	0.5	0.02
Vinyl chloride	0.2	-
Penta	0.2	0.05

CRETE CONSULTING, INC.

Time Oil Bulk Terminal - Seattle, Washington
Vapor Intrusion Assessment and Mitigation Plan
January 2023

Figure 4
Generalized Conceptual Site Model
Cross Section B-B'



Building A

1 FLOOR PLAN - LEVEL 01
1/8" = 1'-0"

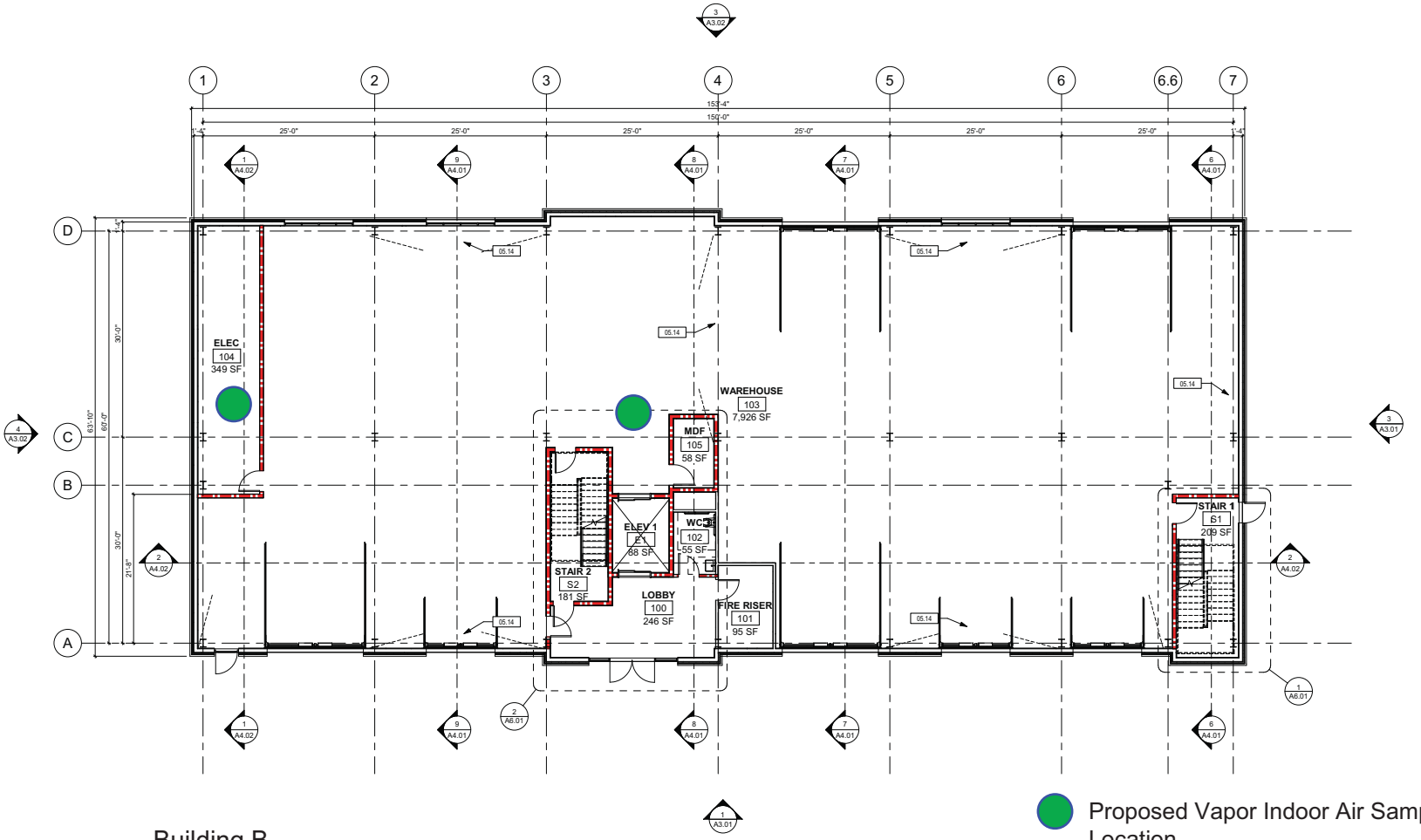
Proposed Vapor Indoor Air Sample Location
(Ambient vapor sample locations are not shown on this figure, the ambient locations will depend on wind conditions during sampling)

Proposed vapor indoor air sample locations may change based on finished floor layouts.

Note:
This figure is for sampling purposes only. This is a select drawing from the Cantera Group LLC site development plans, dated July 11, 2022. Sheet notes have been removed. This figure is for reference only and should not be used for construction.

N

Figure 5
Building A Proposed Sample Locations



Building B

1 **FLOOR PLAN - LEVEL 01**
1/8" = 1'-0"

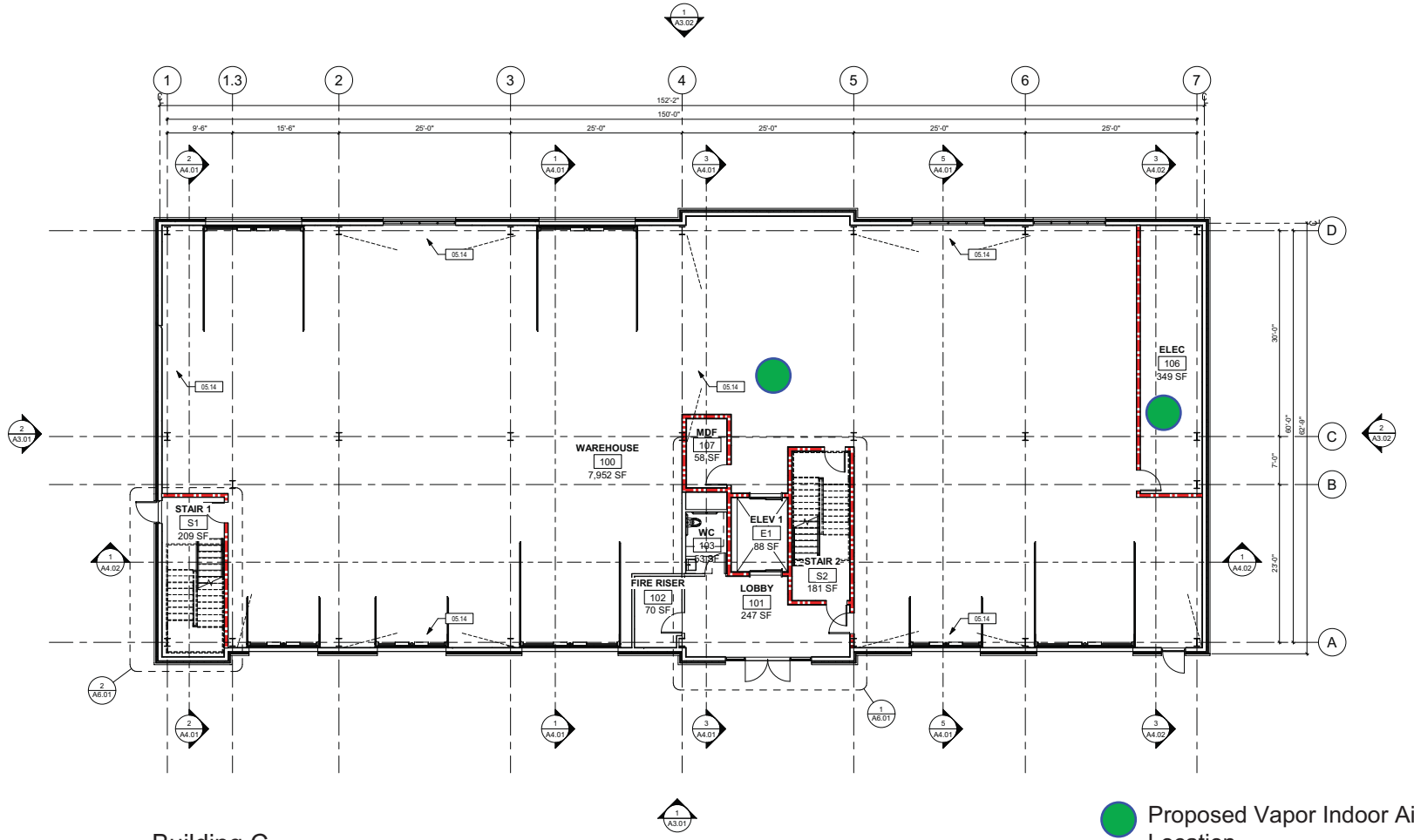
Proposed Vapor Indoor Air Sample Location
(Ambient vapor sample locations are not shown on this figure, the ambient locations will depend on wind conditions during sampling)

Proposed vapor indoor air sample locations may change based on finished floor layouts.

Note:
This figure is for sampling purposes only. This is a select drawing from the Cantera Group LLC site development plans, dated July 11, 2022. Sheet notes have been removed. This figure is for reference only and should not be used for construction.

N

Figure 6
Building B Proposed Sample Locations



Building C

Note:
This figure is for sampling purposes only. This is a select drawing from the Cantera Group LLC site development plans, dated July 11, 2022. Sheet notes have been removed. This figure is for reference only and should not be used for construction.

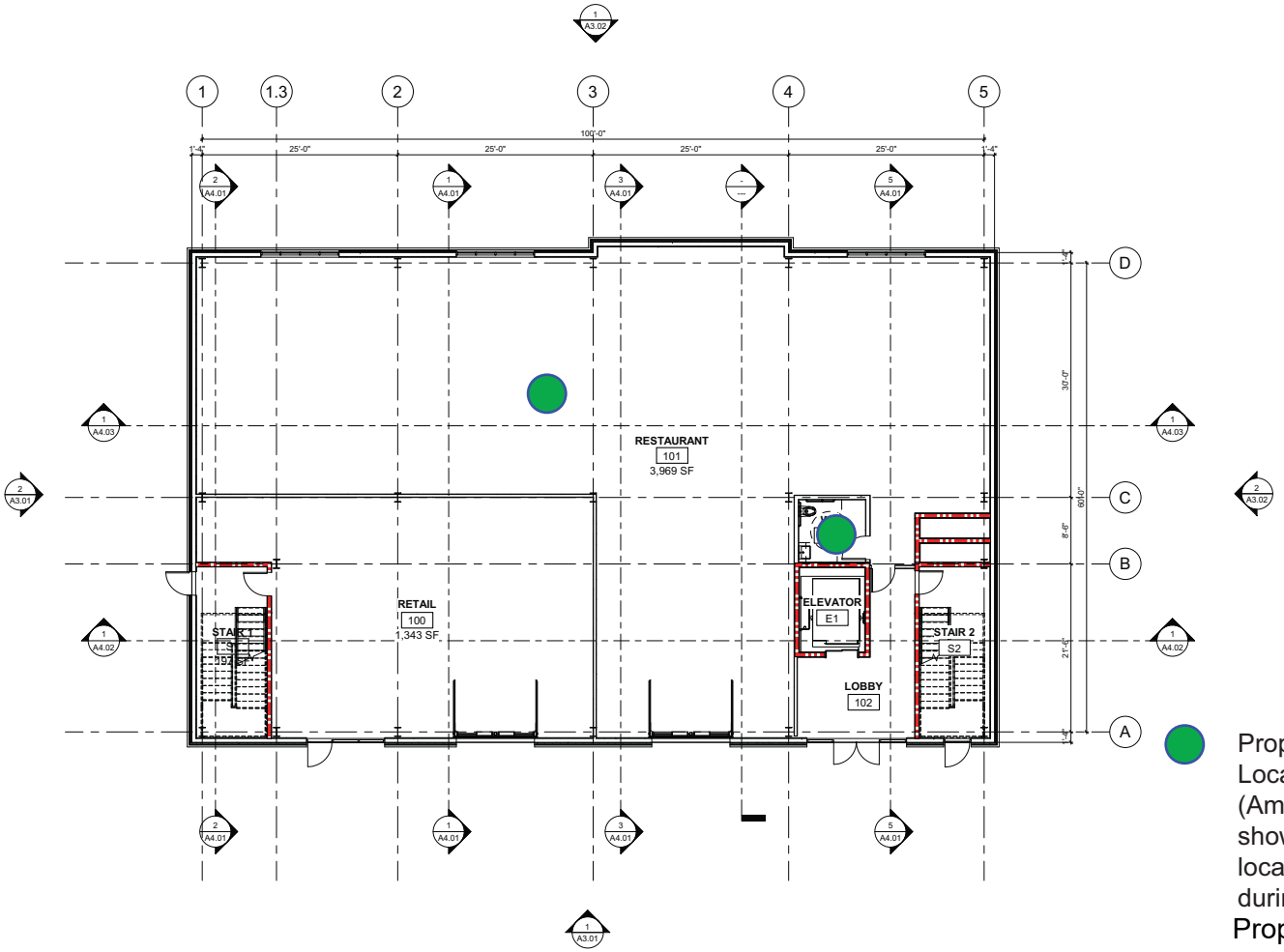
Proposed Vapor Indoor Air Sample Location
(Ambient vapor sample locations are not shown on this figure, the ambient locations will depend on wind conditions during sampling)

Proposed vapor indoor air sample locations may change based on finished floor layouts.

N

Figure 7
Building C Proposed Sample Locations

FLOOR PLAN - LEVEL 01



Building D

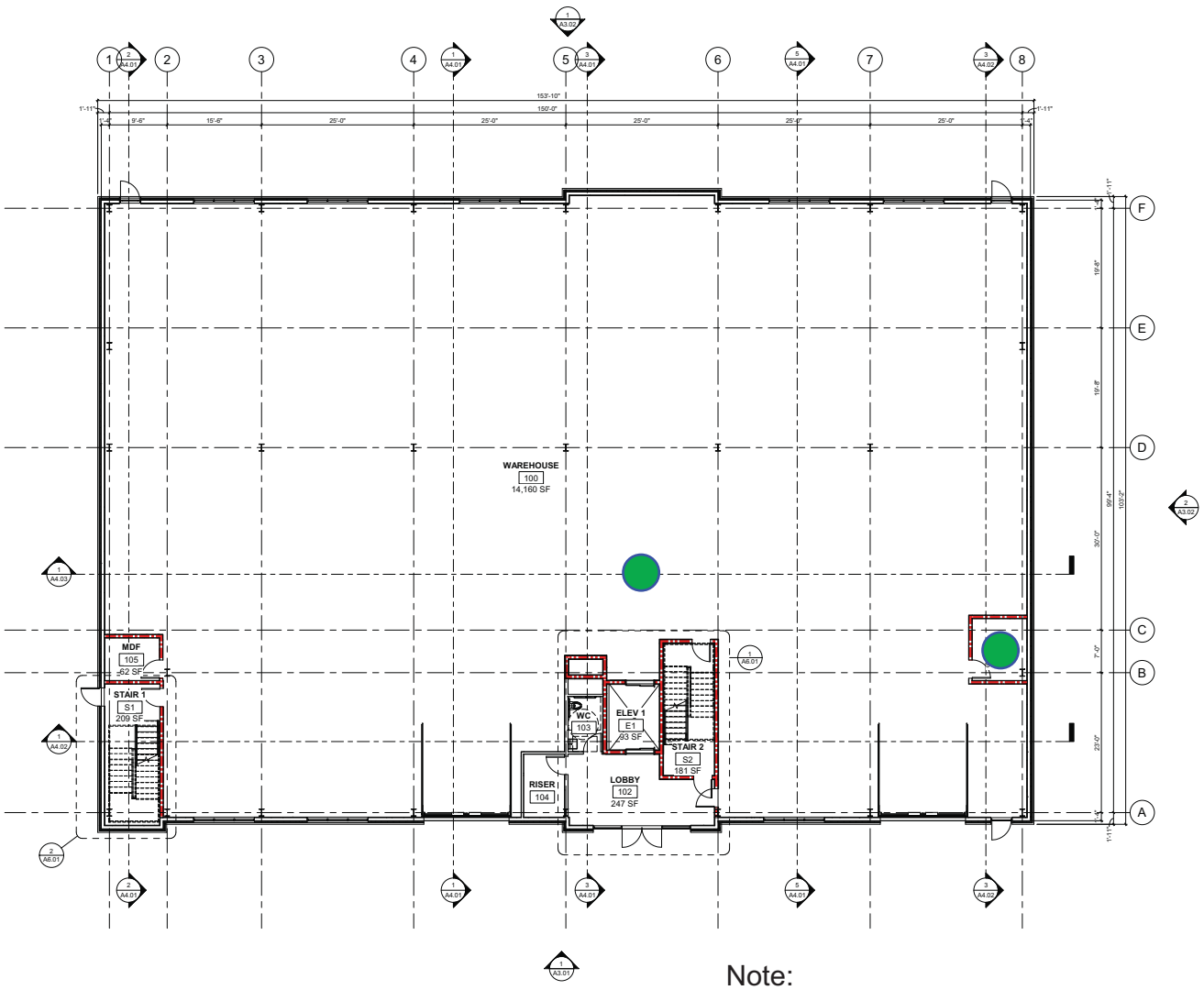
Proposed Vapor Indoor Air Sample Location
(Ambient vapor sample locations are not shown on this figure, the ambient locations will depend on wind conditions during sampling)

Proposed vapor indoor air sample locations may change based on finished floor layouts.

N

Note:
This figure is for sampling purposes only. This is a select drawing from the Cantera Group LLC site development plans, dated July 11, 2022. Sheet notes have been removed. This figure is for reference only and should not be used for construction.

Figure 8
Building D Proposed Sample Locations



Building E

Proposed Vapor Indoor Air Sample Location
(Ambient vapor sample locations are not shown on this figure, the ambient locations will depend on wind conditions during sampling)

Proposed vapor indoor air sample locations may change based on finished floor layouts.

Note:
This figure is for sampling purposes only. This is a select drawing from the Cantera Group LLC site development plans, dated July 11, 2022. Sheet notes have been removed. This figure is for reference only and should not be used for construction.

1 FLOOR PLAN - LEVEL 01
1/8" = 1'-0"

N

Figure 9
Building E Proposed Sample Locations



1 FLOOR PLAN - LEVEL 1
3/32" = 1'-0"

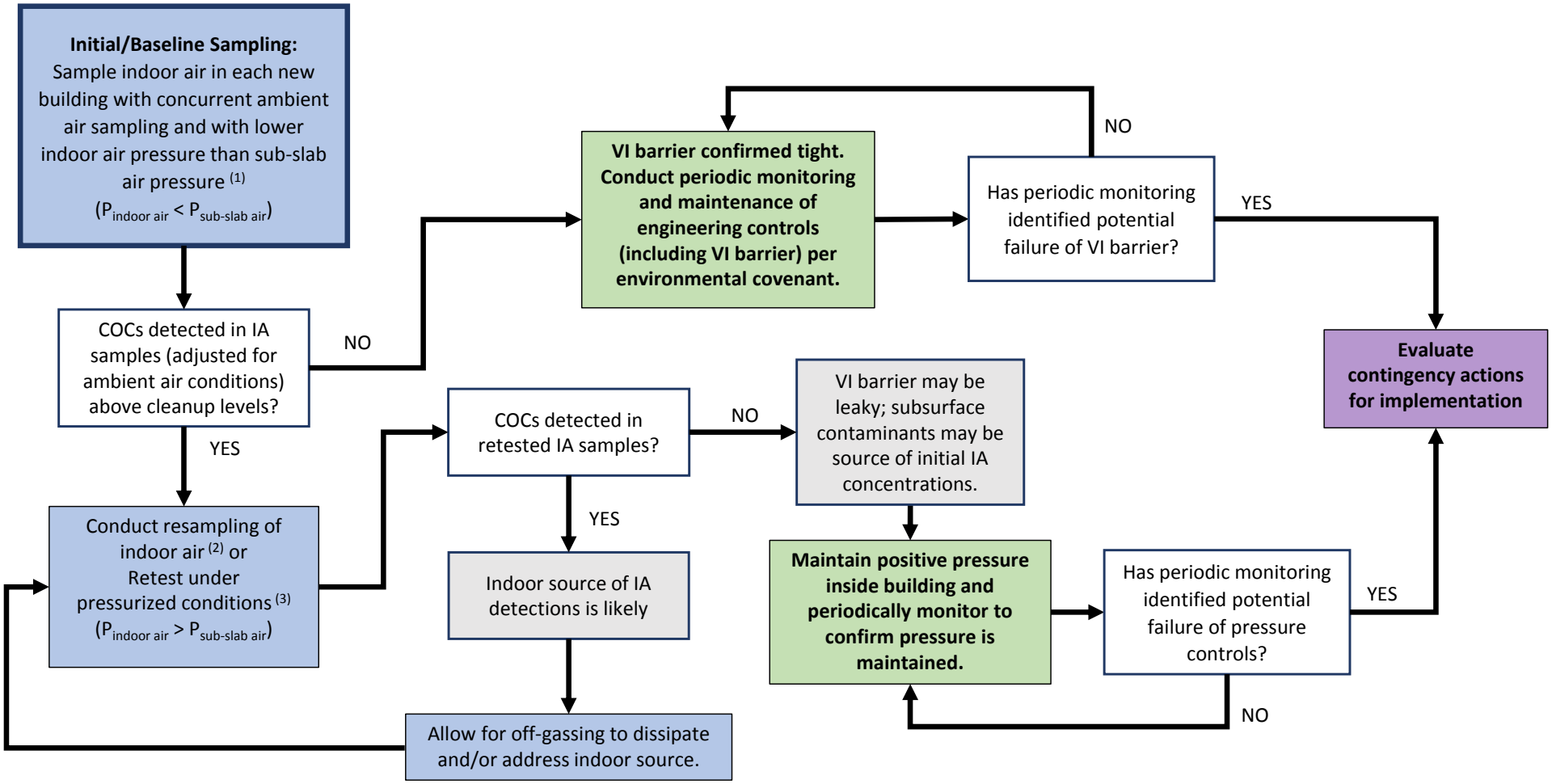
Building F

Proposed Vapor Indoor Air Sample Location
(Ambient vapor sample locations are not shown on this figure, the ambient locations will depend on wind conditions during sampling)

Proposed vapor indoor air sample locations may change based on finished floor layouts.

Figure 10
Building F Proposed Sample Locations

Figure 11
Vapor Intrusion (VI) Sampling & Contingency Decision Flowchart
Time Oil Bulk Terminal, Seattle, Washington



Notes

(1) Sample during period of low atmospheric pressure when this condition is likely to exist; collect indoor air (IA) samples with HVAC system off and concurrent pressure differential monitoring between sub-slab (below vapor barrier) and inside building.

(2) Resample within 30 days of receipt of test results. If resampling results in similar concentrations, proceed with sampling under pressurized conditions. If resampling results are below cleanup levels, likely indoor source of IA detections during initial testing and no additional sampling in that building required unless as needed to confirm long-term performance of the vapor barrier.

(3) Collect IA samples with HVAC system running (or simulate a positive pressure inside building); include concurrent ambient air sampling and concurrent pressure differential monitoring between sub-slab and inside building.

Attachment 1

Vapor Intrusion Assessment Backup Documents

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION OF PROPOSED BUILDING FOOTPRINT AT THE TIME OF THIS REPORT (APPROX.)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

Benzene GW values above MTCA screening levels protective of Indoor Air (11 ug/L). Values are co-located with TPH-GRO GW values more than 2-times the MTCA GW Cleanup Level (800 ug/L).

TCE and VC GW values above screening levels protective of Indoor Air (1.40 and 0.33 ug/L, respectively). GW samples from 01MW63 also have TPH-GRO in GW more than 2 times the Cleanup Level.

Benzene, TCE and VC GW values above screening levels protective of Indoor Air.

TPH DRO+ORO GW values more than 2-times the MTCA GW Cleanup Level (500 ug/L).

SEE ENLARGED PLAN ON FIGURE 3A

SEE ENLARGED PLAN ON FIGURE 3B

TRENCH BOX AND SHORING

PASSIVE GW TREATMENT AREA

CAA-2b, SEE DETAILED PLAN ON DWG C-3

CAA-2a, SEE DETAILED PLAN ON DWG C-7

CAA-5, SEE DETAILED PLAN ON DWG C-4

CAA-4a, SEE DETAILED PLAN ON DWG C-8

CAA-4b, SEE DETAILED PLAN ON DWG C-8

CAA-3, SEE DETAILED PLAN ON DWG C-4

CAA-1b, SEE DETAILED PLAN ON DWG C-2

CAA-1a, SEE DETAILED PLAN ON DWG C-2

HAUL TRUCK DIESEL SPILL, SEE DETAILED PLAN ON DWG C-4

INTERCEPTOR TRENCH

SCALE BAR 40' 0' 40' 80'

Figure A-1
Extent of Groundwater (GW) Values Above Indoor Air Screening Levels

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
Bulk Terminal	01MW01	1256198.546	245455.4592	6/21/2006 12:25	Trichloroethene	0.20		µg/L	0.5	1.40	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	6/21/2006 12:25	Vinyl chloride	0.2		µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	6/21/2006 10:53	Trichloroethene	0.2		µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	6/21/2006 10:53	Vinyl chloride	0.2		µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	6/21/2006 12:00	Trichloroethene	0.46		µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	6/21/2006 12:00	Vinyl chloride	0.2		µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	12/13/2006 15:05	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	12/13/2006 15:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	6/20/2006 13:45	Trichloroethene	0.2		µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	6/20/2006 13:45	Vinyl chloride	0.2		µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	12/12/2006 14:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	12/12/2006 14:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/5/2012 11:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/5/2012 11:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/12/2012 14:20	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/12/2012 14:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/3/2013 15:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/3/2013 15:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/29/2013 15:46	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/29/2013 15:46	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/4/2014 15:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/4/2014 15:15	Vinyl chloride	0.21		µg/L	0.2	0.33	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/21/2015 12:44	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/21/2015 12:44	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/13/2016 11:23	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/13/2016 11:23	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	6/20/2006 14:50	Trichloroethene	3.6		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	6/20/2006 14:50	Vinyl chloride	0.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	12/12/2006 10:45	Trichloroethene	12		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	12/12/2006 10:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	4/3/2012 15:07	Trichloroethene	3.9		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	4/3/2012 15:07	Vinyl chloride	0.67		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	10/10/2012 11:32	Trichloroethene	2.2		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	10/10/2012 11:32	Vinyl chloride	0.84		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	4/2/2013 14:00	Trichloroethene	7.9		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	4/2/2013 14:00	Vinyl chloride	0.75		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	11/5/2013 13:25	Trichloroethene	4.9		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	11/5/2013 13:25	Vinyl chloride	1.1		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	4/3/2014 14:40	Trichloroethene	5.7		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	4/3/2014 14:40	Vinyl chloride	0.86		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/27/2015 11:52	Trichloroethene	1.8		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/27/2015 11:52	Vinyl chloride	1.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/19/2016 13:30	Trichloroethene	4.1		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/19/2016 13:30	Vinyl chloride	1.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/2/2019 16:40	Trichloroethene	3.3		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/2/2019 16:40	Vinyl chloride	1.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW08	1256073.352	245570.6077	6/20/2006 14:43	Trichloroethene	0.2		µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	6/20/2006 14:43	Vinyl chloride	0.2		µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW106	1255783.683	245654.8008	5/3/2019 11:27	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW106	1255783.683	245654.8008	5/3/2019 11:27	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW107	1255846.677	245653.8478	5/6/2019 12:05	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW107	1255846.677	245653.8478	5/6/2019 12:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW108	1255919.98	245573.0267	5/3/2019 14:55	Trichloroethene	0.5	U	µg/L	0.5	1.4	Intermediate WBZ	No	No
ASKO	01MW108	1255919.98	245573.0267	5/3/2019 14:55	Vinyl chloride	0.33		µg/L	0.2	0.33	Intermediate WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	6/21/2006 11:20	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	6/21/2006 11:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	6/21/2006 15:15	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	6/21/2006 15:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	6/21/2006 15:10	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	6/21/2006 15:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	6/20/2006 13:40	Trichloroethene	7.1		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	6/20/2006 13:40	Vinyl chloride	5.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	12/12/2006 12:15	Trichloroethene	5.9		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	12/12/2006 12:15	Vinyl chloride	5.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	4/4/2012 12:24	Trichloroethene	2.1		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	4/4/2012 12:24	Vinyl chloride	6.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	10/11/2012 10:50	Trichloroethene	1.3		µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	10/11/2012 10:50	Vinyl chloride	7.7		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	4/3/2013 13:00	Trichloroethene	1.9		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	4/3/2013 13:00	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	11/1/2013 14:09	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	11/1/2013 14:09	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	4/4/2014 13:03	Trichloroethene	1.6		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	4/4/2014 13:03	Vinyl chloride	9.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	5/27/2015 14:35	Trichloroethene	1.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	5/27/2015 14:35	Vinyl chloride	9.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	5/13/2016 13:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	5/13/2016 13:30	Vinyl chloride	8.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW15	1255996.886	245441.8874	5/2/2019 13:40	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/2/2019 13:40	Vinyl chloride	7.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW17	1256477.214	245167.4524	6/21/2006 14:19	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	6/21/2006 14:19	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW18	1256116.234	245578.4666	6/20/2006 15:40	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW18	1256116.234	245578.4666	6/20/2006 15:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	6/20/2006 15:40	Trichloroethene	0.66		µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	6/20/2006 15:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	12/13/2006 16:42	Trichloroethene	100	U	µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	12/13/2006 16:42	Vinyl chloride	20	U	µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/9/2012 14:42	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/9/2012 14:42	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	10/15/2012 11:34	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	10/15/2012 11:34	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/4/2013 12:18	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/4/2013 12:18	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	10/31/2013 14:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	10/31/2013 14:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/7/2014 11:35	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/7/2014 11:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	5/21/2015 14:25	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	5/21/2015 14:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	5/16/2016 14:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	5/16/2016 14:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/30/2019 14:29	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	4/30/2019 14:29	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW20	1256109.272	245547.1964	6/20/2006 16:35	Trichloroethene	1.6		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	6/20/2006 16:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW20	1256109.272	245547.1964	12/13/2006 16:40	Trichloroethene	8.6		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	12/13/2006 16:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW21	1256258.346	245384.2315	6/21/2006 14:25	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW21	1256258.346	245384.2315	6/21/2006 14:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW26	1256216.466	245452.9036	6/21/2006 13:25	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW26	1256216.466	245452.9036	6/21/2006 13:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	6/21/2006 12:50	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	6/21/2006 12:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	6/21/2006 16:35	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	6/21/2006 16:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	12/12/2006 12:46	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	12/12/2006 12:46	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	1/11/2011 14:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	1/11/2011 14:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/5/2012 12:57	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/5/2012 12:57	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/12/2012 11:54	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/12/2012 11:54	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/4/2013 9:53	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/4/2013 9:53	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/30/2013 14:45	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/30/2013 14:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/8/2014 11:40	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/8/2014 11:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/21/2015 10:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/21/2015 10:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/13/2016 10:45	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/13/2016 10:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	7/13/2006 11:20	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	7/13/2006 11:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW33	1256295.573	245566.0559	7/13/2006 10:15	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW33	1256295.573	245566.0559	7/13/2006 10:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	7/13/2006 11:48	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	7/13/2006 11:48	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	9/27/2006 15:00	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	9/27/2006 15:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	9/27/2006 13:50	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	9/27/2006 13:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	9/27/2006 11:25	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	9/27/2006 11:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	9/27/2006 12:35	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	9/27/2006 12:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	9/27/2006 15:00	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	9/27/2006 15:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	9/27/2006 16:00	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	9/27/2006 16:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW43	1256296.724	245528.4723	9/27/2006 16:15	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
Bulk Terminal	01MW43	1256296.724	245528.4723	9/27/2006 16:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	9/27/2006 10:55	Trichloroethene	440		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	9/27/2006 10:55	Vinyl chloride	8		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	12/12/2006 17:18	Trichloroethene	720	J	µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	12/12/2006 17:18	Vinyl chloride	7.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/4/2012 15:06	Trichloroethene	1200		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/4/2012 15:06	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	9/19/2012 10:49	Trichloroethene	630		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	9/19/2012 10:49	Vinyl chloride	7.7		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	10/11/2012 12:25	Trichloroethene	1400		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	10/11/2012 12:25	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/3/2013 13:20	Trichloroethene	1300		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/3/2013 13:20	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	11/4/2013 12:15	Trichloroethene	1600		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	11/4/2013 12:15	Vinyl chloride	22		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/7/2014 11:33	Trichloroethene	1800		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/7/2014 11:33	Vinyl chloride	14		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/27/2015 13:10	Trichloroethene	1400		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/27/2015 13:10	Vinyl chloride	16		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/18/2016 12:45	Trichloroethene	1000		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/18/2016 12:45	Vinyl chloride	16		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/2/2019 14:35	Trichloroethene	800		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/2/2019 14:35	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	9/27/2006 13:41	Trichloroethene	98		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	9/27/2006 13:41	Vinyl chloride	2.4		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	12/12/2006 9:32	Trichloroethene	270	J	µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	12/12/2006 9:32	Vinyl chloride	2.4		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	4/4/2012 14:05	Trichloroethene	410		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	4/4/2012 14:05	Vinyl chloride	2.1		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	10/11/2012 13:38	Trichloroethene	360		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	10/11/2012 13:38	Vinyl chloride	2.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	4/3/2013 11:40	Trichloroethene	410		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	4/3/2013 11:40	Vinyl chloride	2.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	11/5/2013 14:05	Trichloroethene	490		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	11/5/2013 14:05	Vinyl chloride	3.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	4/7/2014 10:20	Trichloroethene	550		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	4/7/2014 10:20	Vinyl chloride	2.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/27/2015 12:05	Trichloroethene	470		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/27/2015 12:05	Vinyl chloride	3.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/18/2016 11:05	Trichloroethene	180		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/18/2016 11:05	Vinyl chloride	3.7		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/2/2019 15:35	Trichloroethene	330		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/2/2019 15:35	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	9/27/2006 12:15	Trichloroethene	0.31		µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	9/27/2006 12:15	Vinyl chloride	6.1		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	12/12/2006 10:21	Trichloroethene	2.9	J	µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	12/12/2006 10:21	Vinyl chloride	4		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	4/4/2012 10:59	Trichloroethene	1.2		µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/4/2012 10:59	Vinyl chloride	9.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	10/11/2012 10:22	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	10/11/2012 10:22	Vinyl chloride	9.7		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	4/3/2013 11:40	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/3/2013 11:40	Vinyl chloride	8.8		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	11/1/2013 11:12	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	11/1/2013 11:12	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	4/4/2014 10:08	Trichloroethene	1.2		µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/4/2014 10:08	Vinyl chloride	8.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	5/27/2015 14:30	Trichloroethene	4.2		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	5/27/2015 14:30	Vinyl chloride	12		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	5/17/2016 15:15	Trichloroethene	90		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	5/17/2016 15:15	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	6/9/2016 12:19	Trichloroethene	97		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	6/9/2016 12:19	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	5/2/2019 15:34	Trichloroethene	880		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	5/2/2019 15:34	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	12/22/2006 14:35	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	12/22/2006 14:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	12/22/2006 15:27	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	12/22/2006 15:27	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	12/22/2006 12:48	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	12/22/2006 12:48	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	12/22/2006 13:47	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	12/22/2006 13:47	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW51	1256144.731	245611.3969	12/22/2006 16:10	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW51	1256144.731	245611.3969	12/22/2006 16:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKOWest Commodore Way	01MW52	1255973.936	245618.0138	5/26/2016 14:20	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW52	1255973.936	245618.0138	5/26/2016 14:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	12/7/2007 11:35	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	12/7/2007 11:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/26/2016 14:35	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/26/2016 14:35	Vinyl chloride	0.76		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/2/2019 15:35	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/2/2019 15:35	Vinyl chloride	0.26		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	11/26/2008 9:20	Trichloroethene	1.2		µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	11/26/2008 9:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/3/2012 11:50	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	4/3/2012 11:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	10/9/2012 11:02	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	10/9/2012 11:02	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/1/2013 12:12	Trichloroethene	1.3		µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	4/1/2013 12:12	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKO	01MW54	1255960.969	245481.2973	11/1/2013 10:30	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	11/1/2013 10:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/2/2014 12:00	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	4/2/2014 12:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/29/2015 11:00	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	5/29/2015 11:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/12/2016 10:30	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	5/12/2016 10:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/3/2019 12:15	Trichloroethene	0.5	U	µg/L	0.5	1.4	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/3/2019 12:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW55	1255963.368	245456.9782	11/25/2008 11:59	Trichloroethene	15000		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	11/25/2008 11:59	Vinyl chloride	170		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/4/2012 11:39	Trichloroethene	4100		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/4/2012 11:39	Vinyl chloride	87		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	10/11/2012 15:45	Trichloroethene	3000		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	10/11/2012 15:45	Vinyl chloride	3.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/3/2013 10:33	Trichloroethene	4000		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/3/2013 10:33	Vinyl chloride	87		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	11/4/2013 11:45	Trichloroethene	5100		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	11/4/2013 11:45	Vinyl chloride	120		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/7/2014 13:00	Trichloroethene	4200		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/7/2014 13:00	Vinyl chloride	77		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/28/2015 12:10	Trichloroethene	3500		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/28/2015 12:10	Vinyl chloride	91		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/18/2016 14:45	Trichloroethene	2800		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/18/2016 14:45	Vinyl chloride	64		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/2/2019 13:05	Trichloroethene	2200		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/2/2019 13:05	Vinyl chloride	1.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	11/25/2008 14:16	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	11/25/2008 14:16	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	4/3/2012 16:04	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/3/2012 16:04	Vinyl chloride	0.28		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	10/10/2012 13:33	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	10/10/2012 13:33	Vinyl chloride	0.27		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/2/2013 12:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/2/2013 12:15	Vinyl chloride	0.37		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	11/1/2013 14:43	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	11/1/2013 14:43	Vinyl chloride	0.46		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	4/4/2014 10:53	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/4/2014 10:53	Vinyl chloride	0.33		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/27/2015 13:32	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/27/2015 13:32	Vinyl chloride	0.58		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	5/19/2016 13:13	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/19/2016 13:13	Vinyl chloride	0.64		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	5/2/2019 14:50	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	5/2/2019 14:50	Vinyl chloride	0.61		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW57	1255850.997	245551.8624	11/25/2008 15:41	Trichloroethene	1.9		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW57	1255850.997	245551.8624	11/25/2008 15:41	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/3/2012 12:30	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	4/3/2012 12:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	10/9/2012 13:18	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	10/9/2012 13:18	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/1/2013 12:44	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	4/1/2013 12:44	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	10/31/2013 12:10	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	10/31/2013 12:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/2/2014 10:10	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	4/2/2014 10:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	5/26/2015 10:24	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	5/26/2015 10:24	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	5/16/2016 11:45	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	5/16/2016 11:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	11/25/2008 17:00	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	11/25/2008 17:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/4/2012 10:18	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	4/4/2012 10:18	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	10/10/2012 10:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	10/10/2012 10:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/2/2013 11:00	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	4/2/2013 11:00	Vinyl chloride	0.33		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	10/31/2013 10:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	10/31/2013 10:50	Vinyl chloride	0.24		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	4/3/2014 15:25	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	4/3/2014 15:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	5/27/2015 10:43	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	5/27/2015 10:43	Vinyl chloride	0.25		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	5/16/2016 13:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	5/16/2016 13:15	Vinyl chloride	0.36		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW58	1255836.755	245479.925	5/2/2019 13:45	Trichloroethene	42		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW58	1255836.755	245479.925	5/2/2019 13:45	Vinyl chloride	0.3		µg/L	0.2	0.33	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/25/2008 13:17	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/25/2008 13:17	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/9/2012 10:39	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/9/2012 10:39	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	10/12/2012 15:05	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	10/12/2012 15:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/3/2013 15:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/3/2013 15:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/5/2013 12:05	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/5/2013 12:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/4/2014 15:10	Trichloroethene	1.8		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW59	1256070.393	245507.691	4/4/2014 15:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/21/2015 14:04	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/21/2015 14:04	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/16/2016 11:31	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/16/2016 11:31	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/4/2012 10:55	Trichloroethene	6.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	4/4/2012 10:55	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	10/10/2012 13:40	Trichloroethene	2.6		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	10/10/2012 13:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/2/2013 13:46	Trichloroethene	4.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	4/2/2013 13:46	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	11/4/2013 15:40	Trichloroethene	2.7		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	11/4/2013 15:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/3/2014 10:45	Trichloroethene	4.1		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	4/3/2014 10:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/28/2015 12:00	Trichloroethene	1.8		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	5/28/2015 12:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/12/2016 14:38	Trichloroethene	1.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	5/12/2016 14:38	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/2/2019 14:26	Trichloroethene	15		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW60	1255949.81	245372.301	5/2/2019 14:26	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/3/2012 16:58	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	4/3/2012 16:58	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	10/9/2012 15:04	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	10/9/2012 15:04	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/2/2013 10:52	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	4/2/2013 10:52	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	11/5/2013 10:53	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	11/5/2013 10:53	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/9/2014	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	4/9/2014	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKO	01MW61	1256004.415	245342.8037	5/28/2015 10:47	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	5/28/2015 10:47	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	5/13/2016 10:54	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	5/13/2016 10:54	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/4/2012 15:48	Trichloroethene	390		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	4/4/2012 15:48	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	10/11/2012 10:09	Trichloroethene	390		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	10/11/2012 10:09	Vinyl chloride	20	U	µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	4/2/2013 15:30	Trichloroethene	890		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	4/2/2013 15:30	Vinyl chloride	10	U	µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	11/5/2013 11:55	Trichloroethene	250		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	11/5/2013 11:55	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/3/2014 12:25	Trichloroethene	950		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	4/3/2014 12:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/28/2015 13:28	Trichloroethene	1700		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	5/28/2015 13:28	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/13/2016 12:46	Trichloroethene	610		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	5/13/2016 12:46	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/2/2019 10:58	Trichloroethene	850		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW62	1255917.14	245383.818	5/2/2019 10:58	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW63	1255965.916	245438.418	4/4/2012 13:56	Trichloroethene	8800		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/4/2012 13:56	Vinyl chloride	76		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	10/11/2012 14:15	Trichloroethene	8300		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	10/11/2012 14:15	Vinyl chloride	80		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/3/2013 11:26	Trichloroethene	9900		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/3/2013 11:26	Vinyl chloride	96		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	11/4/2013 15:15	Trichloroethene	9000		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	11/4/2013 15:15	Vinyl chloride	100		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/7/2014 14:40	Trichloroethene	9900		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/7/2014 14:40	Vinyl chloride	88		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/28/2015 9:35	Trichloroethene	8500		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/28/2015 9:35	Vinyl chloride	91		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/18/2016 14:48	Trichloroethene	7700		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/18/2016 14:48	Vinyl chloride	81		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/2/2019 11:10	Trichloroethene	5900		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/2/2019 11:10	Vinyl chloride	39		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW64	1255868.572	245419.0873	4/4/2012 13:55	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/4/2012 13:55	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	10/10/2012 11:42	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	10/10/2012 11:42	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	4/2/2013 12:20	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/2/2013 12:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	11/1/2013 13:45	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	11/1/2013 13:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	4/10/2014 11:20	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/10/2014 11:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/29/2015 13:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	5/29/2015 13:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/12/2016 13:36	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	5/12/2016 13:36	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/3/2012 14:02	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	4/3/2012 14:02	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	10/9/2012 12:14	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	10/9/2012 12:14	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/1/2013 14:15	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	4/1/2013 14:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	11/1/2013 11:10	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	11/1/2013 11:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/2/2014 13:05	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	4/2/2014 13:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/29/2015 8:50	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	5/29/2015 8:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/12/2016 11:10	Trichloroethene	1	U	µg/L	0.5	1.4	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	5/12/2016 11:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/3/2019 10:15	Trichloroethene	0.5	U	µg/L	0.5	1.4	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/3/2019 10:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Deep WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	4/3/2012 16:52	Trichloroethene	300		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/3/2012 16:52	Vinyl chloride	0.81		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	10/12/2012 12:38	Trichloroethene	370		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	10/12/2012 12:38	Vinyl chloride	0.76		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/2/2013 13:50	Trichloroethene	360		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/2/2013 13:50	Vinyl chloride	1	U	µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	11/4/2013 15:10	Trichloroethene	460		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	11/4/2013 15:10	Vinyl chloride	1.1		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/3/2014 16:00	Trichloroethene	270		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/3/2014 16:00	Vinyl chloride	0.41		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/28/2015 12:42	Trichloroethene	450		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/28/2015 12:42	Vinyl chloride	1.2		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/18/2016 12:58	Trichloroethene	480		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/18/2016 12:58	Vinyl chloride	0.87		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/2/2019 11:20	Trichloroethene	310		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/2/2019 11:20	Vinyl chloride	0.69		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/4/2012 10:33	Trichloroethene	3600		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/4/2012 10:33	Vinyl chloride	6.3		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	10/11/2012 11:45	Trichloroethene	790		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	10/11/2012 11:45	Vinyl chloride	1.4		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/2/2013 14:44	Trichloroethene	3600		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/2/2013 14:44	Vinyl chloride	8.8		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	11/4/2013 16:20	Trichloroethene	3100		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	11/4/2013 16:20	Vinyl chloride	9.7		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/3/2014 15:05	Trichloroethene	4300		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/3/2014 15:05	Vinyl chloride	7.1		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/28/2015 14:12	Trichloroethene	3800		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/28/2015 14:12	Vinyl chloride	12		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/18/2016 13:40	Trichloroethene	4900		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/18/2016 13:40	Vinyl chloride	12		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/2/2019 10:50	Trichloroethene	2800		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/2/2019 10:50	Vinyl chloride	7.9		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW76	1255978.228	245547.499	3/7/2011 13:55	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	3/7/2011 13:55	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/4/2012 11:40	Trichloroethene	33		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW76	1255978.228	245547.499	4/4/2012 11:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	10/11/2012 11:53	Trichloroethene	14		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW76	1255978.228	245547.499	10/11/2012 11:53	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/3/2013 10:40	Trichloroethene	22		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW76	1255978.228	245547.499	4/3/2013 10:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	11/5/2013 13:05	Trichloroethene	1.4		µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	11/5/2013 13:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/4/2014 11:45	Trichloroethene	11		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW76	1255978.228	245547.499	4/4/2014 11:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/27/2015 11:20	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	5/27/2015 11:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/17/2016 16:20	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	5/17/2016 16:20	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/3/2019 13:30	Trichloroethene	0.5	U	µg/L	0.5	1.4	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/3/2019 13:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	3/7/2011 12:57	Trichloroethene	1.3		µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	3/7/2011 12:57	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/3/2012 15:05	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	4/3/2012 15:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	10/9/2012 12:51	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	10/9/2012 12:51	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKO	01MW77	1255966.601	245455.6021	4/1/2013 14:58	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	4/1/2013 14:58	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	11/1/2013 11:50	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	11/1/2013 11:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/2/2014 14:25	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	4/2/2014 14:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/29/2015 9:45	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	5/29/2015 9:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/12/2016 12:25	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	5/12/2016 12:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/3/2019 11:10	Trichloroethene	0.5	U	µg/L	0.5	1.4	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/3/2019 11:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	3/7/2011 11:42	Trichloroethene	16		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW78	1255913.408	245386.34	3/7/2011 11:42	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/4/2012 15:00	Trichloroethene	1	U	µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	4/4/2012 15:00	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	10/10/2012 16:45	Trichloroethene	1.2		µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	10/10/2012 16:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/1/2013 16:09	Trichloroethene	2.3		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW78	1255913.408	245386.34	4/1/2013 16:09	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	11/1/2013 14:45	Trichloroethene	3.5		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW78	1255913.408	245386.34	11/1/2013 14:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/3/2014 13:15	Trichloroethene	4.4		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW78	1255913.408	245386.34	4/3/2014 13:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/29/2015 12:15	Trichloroethene	5.2		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW78	1255913.408	245386.34	5/29/2015 12:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/13/2016 11:46	Trichloroethene	4		µg/L	0.5	1.4	Intermediate WBZ	Yes	Yes
ASKO	01MW78	1255913.408	245386.34	5/13/2016 11:46	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/2/2019 12:40	Trichloroethene	1.2		µg/L	0.5	1.4	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	5/2/2019 12:40	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Intermediate WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	3/7/2011 11:44	Trichloroethene	590		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	3/7/2011 11:44	Vinyl chloride	6.9		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/3/2012 15:25	Trichloroethene	130		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/3/2012 15:25	Vinyl chloride	7.6		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	10/10/2012 14:55	Trichloroethene	180		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	10/10/2012 14:55	Vinyl chloride	6.4		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/2/2013 12:03	Trichloroethene	100		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/2/2013 12:03	Vinyl chloride	5.7		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	11/4/2013 14:12	Trichloroethene	140		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	11/4/2013 14:12	Vinyl chloride	9.6		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/4/2014 13:50	Trichloroethene	91		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/4/2014 13:50	Vinyl chloride	5.9		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/28/2015 11:30	Trichloroethene	99		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/28/2015 11:30	Vinyl chloride	5.7		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/13/2016 14:09	Trichloroethene	100		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/13/2016 14:09	Vinyl chloride	7.3		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/2/2019 12:55	Trichloroethene	61		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/2/2019 12:55	Vinyl chloride	3.8		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	4/3/2012 12:16	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2012 12:16	Vinyl chloride	6.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	10/10/2012 14:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	10/10/2012 14:50	Vinyl chloride	9.1		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	4/3/2013 10:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2013 10:30	Vinyl chloride	8.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	11/1/2013 12:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	11/1/2013 12:50	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	4/2/2014 13:36	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	4/2/2014 13:36	Vinyl chloride	8.7		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	5/27/2015 14:42	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	5/27/2015 14:42	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	5/17/2016 16:00	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	5/17/2016 16:00	Vinyl chloride	10		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	5/2/2019 16:35	Trichloroethene	710		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	5/2/2019 16:35	Vinyl chloride	10		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/3/2012 10:42	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/3/2012 10:42	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	10/9/2012 11:54	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	10/9/2012 11:54	Vinyl chloride	0.33		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/1/2013 13:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/1/2013 13:30	Vinyl chloride	0.39		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	11/1/2013 14:40	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	11/1/2013 14:40	Vinyl chloride	0.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/2/2014 14:32	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/2/2014 14:32	Vinyl chloride	0.81		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/28/2015 10:27	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/28/2015 10:27	Vinyl chloride	1.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/17/2016 14:33	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/17/2016 14:33	Vinyl chloride	2.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/3/2019 11:55	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/3/2019 11:55	Vinyl chloride	7.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/3/2012 13:08	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/3/2012 13:08	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	10/9/2012 13:44	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	10/9/2012 13:44	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/1/2013 15:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/1/2013 15:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	11/5/2013 12:14	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	11/5/2013 12:14	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/2/2014 11:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/2/2014 11:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/27/2015 13:17	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/27/2015 13:17	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/16/2016 12:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/16/2016 12:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW92	1255896.93	245377.8	8/23/2012 11:34	Trichloroethene	110		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	8/23/2012 11:34	Vinyl chloride	9.3		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	9/5/2012 14:00	Trichloroethene	300		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	9/5/2012 14:00	Vinyl chloride	9.4		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	5/10/2013 13:03	Trichloroethene	6700		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	5/10/2013 13:03	Vinyl chloride	5.8		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	11/4/2013 14:28	Trichloroethene	3700		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	11/4/2013 14:28	Vinyl chloride	9.2		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	4/4/2014 12:05	Trichloroethene	7800		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	4/4/2014 12:05	Vinyl chloride	5.8		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	5/14/2019 9:03	Trichloroethene	5200		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	5/14/2019 9:03	Vinyl chloride	40	U	µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW93	1255899.8	245355.28	8/23/2012 12:59	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	8/23/2012 12:59	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	9/5/2012 16:05	Trichloroethene	1.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKOBNSF	01MW93	1255899.8	245355.28	9/5/2012 16:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	5/13/2013 9:45	Trichloroethene	5.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKOBNSF	01MW93	1255899.8	245355.28	5/13/2013 9:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	11/4/2013 13:05	Trichloroethene	4.3		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKOBNSF	01MW93	1255899.8	245355.28	11/4/2013 13:05	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	4/9/2014	Trichloroethene	3.4		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKOBNSF	01MW93	1255899.8	245355.28	4/9/2014	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	5/14/2019 9:25	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	5/14/2019 9:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	8/23/2012 15:21	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	8/23/2012 15:21	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	9/5/2012 15:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	9/5/2012 15:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKOBNSF	01MW94	1255853.66	245383.26	5/10/2013 10:59	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	5/10/2013 10:59	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	11/4/2013 11:27	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	11/4/2013 11:27	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	4/9/2014	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	4/9/2014	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	5/14/2019 10:30	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	5/14/2019 10:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	8/23/2012 14:15	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	8/23/2012 14:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	9/5/2012 16:58	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	9/5/2012 16:58	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	5/10/2013 14:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	5/10/2013 14:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	11/4/2013 14:30	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	11/4/2013 14:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	4/9/2014	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	4/9/2014	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	5/14/2019 12:02	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	5/14/2019 12:02	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKOBNSF	01MW96	1255926.837	245358.5419	5/10/2013 10:15	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	5/10/2013 10:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW96	1255926.837	245358.5419	11/4/2013 11:23	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	11/4/2013 11:23	Vinyl chloride	0.31		µg/L	0.2	0.33	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	4/4/2014 10:10	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	4/4/2014 10:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW96	1255926.837	245358.5419	5/14/2019 10:52	Trichloroethene	1.5		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW96	1255926.837	245358.5419	5/14/2019 10:52	Vinyl chloride	6		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW97	1255903.379	245357.9307	5/10/2013 11:35	Trichloroethene	6300		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW97	1255903.379	245357.9307	5/10/2013 11:35	Vinyl chloride	2		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW97	1255903.379	245357.9307	11/4/2013 15:30	Trichloroethene	810		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW97	1255903.379	245357.9307	11/4/2013 15:30	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW97	1255903.379	245357.9307	4/4/2014 11:10	Trichloroethene	29		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW97	1255903.379	245357.9307	4/4/2014 11:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW97	1255903.379	245357.9307	5/14/2019 10:06	Trichloroethene	56		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW97	1255903.379	245357.9307	5/14/2019 10:06	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	5/10/2013 13:55	Trichloroethene	190		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW98	1255866.286	245395.5794	5/10/2013 13:55	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	11/4/2013 12:31	Trichloroethene	310		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW98	1255866.286	245395.5794	11/4/2013 12:31	Vinyl chloride	0.5		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKOBNSF	01MW98	1255866.286	245395.5794	4/4/2014 13:10	Trichloroethene	170		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW98	1255866.286	245395.5794	4/4/2014 13:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	5/14/2019 12:02	Trichloroethene	810		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKOBNSF	01MW98	1255866.286	245395.5794	5/14/2019 12:02	Vinyl chloride	2	U	µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	02MW14	1255817.678	245715.3161	11/25/2008 10:38	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	02MW14	1255817.678	245715.3161	11/25/2008 10:38	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	5/18/2016 14:43	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	02MW14	1255817.678	245715.3161	5/18/2016 14:43	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	4/26/2006 10:35	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	4/26/2006 10:35	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	8/17/2006 10:55	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	8/17/2006 10:55	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	12/13/2006 9:59	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW01	1255705.618	245538.6769	12/13/2006 9:59	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	5/16/2016 13:57	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW01	1255705.618	245538.6769	5/16/2016 13:57	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	5/3/2019 11:42	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	5/3/2019 11:42	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/26/2006 9:25	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/26/2006 9:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	8/17/2006 12:10	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	8/17/2006 12:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	12/13/2006 9:50	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	12/13/2006 9:50	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/3/2012 16:10	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/3/2012 16:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	10/9/2012 11:45	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	10/9/2012 11:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/1/2013 11:46	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/1/2013 11:46	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	11/1/2013 10:58	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	11/1/2013 10:58	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/2/2014 10:07	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/2/2014 10:07	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/27/2015 12:07	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	5/27/2015 12:07	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/16/2016 14:52	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	5/16/2016 14:52	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/3/2019 11:51	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/3/2019 11:51	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/25/2006 11:15	Trichloroethene	0.37		µg/L	0.5	1.4	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/25/2006 11:15	Vinyl chloride	0.5		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	8/17/2006 16:15	Trichloroethene	3.1		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	8/17/2006 16:15	Vinyl chloride	0.48		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	12/14/2006 12:10	Trichloroethene	2.1		µg/L	0.5	1.4	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	12/14/2006 12:10	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/3/2012 12:30	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	4/3/2012 12:30	Vinyl chloride	0.44		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	10/10/2012 11:01	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	10/10/2012 11:01	Vinyl chloride	0.49		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/1/2013 15:11	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	4/1/2013 15:11	Vinyl chloride	0.5		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	10/31/2013 14:05	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	10/31/2013 14:05	Vinyl chloride	0.57		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/3/2014 14:15	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	4/3/2014 14:15	Vinyl chloride	0.41		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	5/26/2015 12:20	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/26/2015 12:20	Vinyl chloride	0.66		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	5/16/2016 14:35	Trichloroethene	1	U	µg/L	0.5	1.4	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/16/2016 14:35	Vinyl chloride	0.75		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	5/3/2019 9:52	Trichloroethene	0.5	U	µg/L	0.5	1.4	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	5/3/2019 9:52	Vinyl chloride	0.72		µg/L	0.2	0.33	Perched WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/25/2006 12:15	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/25/2006 12:15	Vinyl chloride	1.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	8/17/2006 13:55	Trichloroethene	0.5	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	8/17/2006 13:55	Vinyl chloride	0.27		µg/L	0.2	0.33	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	12/13/2006 12:07	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	12/13/2006 12:07	Vinyl chloride	0.8		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/3/2012 14:01	Trichloroethene	120		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/3/2012 14:01	Vinyl chloride	0.62		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	10/10/2012 11:50	Trichloroethene	110		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	10/10/2012 11:50	Vinyl chloride	0.64		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/2/2013 10:14	Trichloroethene	130		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/2/2013 10:14	Vinyl chloride	0.63		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	10/31/2013 15:10	Trichloroethene	180		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	10/31/2013 15:10	Vinyl chloride	0.97		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/2/2014 11:55	Trichloroethene	110		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	4/2/2014 11:55	Vinyl chloride	0.56		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	5/26/2015 14:10	Trichloroethene	470		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	5/26/2015 14:10	Vinyl chloride	2.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	5/17/2016 12:05	Trichloroethene	650		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	5/17/2016 12:05	Vinyl chloride	2.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes

Table A-1 - GW VI Screening TCE and VC

General Location	Location Name	XCoord	YCoord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKO	MW04	1255818.651	245542.3071	5/3/2019 10:15	Trichloroethene	970		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW04	1255818.651	245542.3071	5/3/2019 10:15	Vinyl chloride	2.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/25/2006 13:15	Trichloroethene	1.2		µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	4/25/2006 13:15	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	8/17/2006 14:50	Trichloroethene	59		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	8/17/2006 14:50	Vinyl chloride	1.3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	12/13/2006 11:15	Trichloroethene	76		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	12/13/2006 11:15	Vinyl chloride	1.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/3/2012 14:49	Trichloroethene	140		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/3/2012 14:49	Vinyl chloride	1.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	10/10/2012 13:47	Trichloroethene	120		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	10/10/2012 13:47	Vinyl chloride	1.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/2/2013 11:07	Trichloroethene	260		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/2/2013 11:07	Vinyl chloride	3		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	11/1/2013 10:04	Trichloroethene	140		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	11/1/2013 10:04	Vinyl chloride	9.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/2/2014 11:05	Trichloroethene	140		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	4/2/2014 11:05	Vinyl chloride	11		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	5/28/2015 11:15	Trichloroethene	140		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	5/28/2015 11:15	Vinyl chloride	23		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	5/17/2016 14:00	Trichloroethene	230		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	5/17/2016 14:00	Vinyl chloride	23		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	5/3/2019 10:08	Trichloroethene	240		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW05	1255843.43	245549.8824	5/3/2019 10:08	Vinyl chloride	27		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	4/25/2006 14:25	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/25/2006 14:25	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	8/17/2006 13:45	Trichloroethene	0.2	U	µg/L	0.5	1.4	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	8/17/2006 13:45	Vinyl chloride	0.2	U	µg/L	0.2	0.33	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	12/13/2006 11:14	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	12/13/2006 11:14	Vinyl chloride	0.5		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	4/3/2012 11:32	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/3/2012 11:32	Vinyl chloride	0.99		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	10/9/2012 14:45	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	10/9/2012 14:45	Vinyl chloride	1.4		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	4/1/2013 14:20	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/1/2013 14:20	Vinyl chloride	1.1		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	11/1/2013 13:08	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	11/1/2013 13:08	Vinyl chloride	2.2		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	4/2/2014 12:45	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/2/2014 12:45	Vinyl chloride	1.8		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	5/26/2015 11:20	Trichloroethene	1	U	µg/L	0.5	1.4	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	5/26/2015 11:20	Vinyl chloride	2.9		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	5/17/2016 12:47	Trichloroethene	9.5		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	5/17/2016 12:47	Vinyl chloride	2.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	6/9/2016 11:08	Trichloroethene	22		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	6/9/2016 11:08	Vinyl chloride	2.6		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	5/3/2019 10:00	Trichloroethene	330		µg/L	0.5	1.4	Shallow WBZ	Yes	Yes
ASKO	MW06	1255807.834	245589.7193	5/3/2019 10:00	Vinyl chloride	2.8		µg/L	0.2	0.33	Shallow WBZ	Yes	Yes

Qualifier - Definition

CN - Chromatogram note

J - Analyte was detected; concentration is considered to be an estimate.

JQ - The analyte was detected between the reporting limit and method detection limit and is considered to be an estimate.

U - Analyte was not detected at the given reporting limit.

UJ - Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table A-2 - GW VI Screening Benzene

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
Bulk Terminal	01MW01	1256198.546	245455.4592	4/30/2019 11:50	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/25/2005 13:00	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	6/21/2006 12:25	Benzene	0.2		µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	12/12/2006 14:58	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	12/12/2011 12:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/9/2012 15:18	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/15/2012 14:21	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/31/2013 13:05	Benzene	8.3		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/8/2013 10:25	Benzene	14		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW01	1256198.546	245455.4592	7/24/2013 9:32	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/30/2013 13:03	Benzene	3.9		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/28/2014 14:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/9/2014 14:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	7/1/2014 16:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/21/2014 12:50	Benzene	1.5		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/21/2015 14:48	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	5/20/2015 12:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	9/2/2015 11:23	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	5/12/2016 14:49	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	5/1/2019 15:06	Benzene	220		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	10/25/2005 16:15	Benzene	4700		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	12/8/2011 14:45	Benzene	14000		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	4/9/2012 13:39	Benzene	890		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	10/15/2012 10:13	Benzene	8300		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	4/8/2013 10:30	Benzene	6300		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	10/31/2013	Benzene	650		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	4/7/2014 15:30	Benzene	1000		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	5/21/2015 13:25	Benzene	39		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	5/19/2016 12:07	Benzene	1600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	5/1/2019 14:54	Benzene	570		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	7/26/2005 11:30	Benzene	960		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	10/25/2005 16:10	Benzene	9800		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	6/21/2006 10:53	Benzene	4300		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	12/12/2006 15:01	Benzene	1000		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	5/19/2016 10:55	Benzene	32		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	10/25/2005 17:00	Benzene	140		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	6/21/2006 12:00	Benzene	16		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	12/13/2006 15:05	Benzene	4.4		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/5/2012 11:58	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/12/2012 14:49	Benzene	170		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	1/30/2013 14:56	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/3/2013 15:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	7/22/2013 11:08	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 14:18	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/27/2014 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/8/2014 11:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	7/2/2014 16:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/20/2014 12:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/22/2015 15:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	5/21/2015 11:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	9/1/2015 13:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	5/13/2016 14:08	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/30/2019 14:53	Benzene	0.53		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/25/2005 9:15	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	6/20/2006 13:45	Benzene	0.2		µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	12/12/2006 14:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/5/2012 11:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/12/2012 14:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/3/2013 15:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/29/2013 15:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/4/2014 15:15	Benzene	1.5		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/21/2015 12:44	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/13/2016 11:23	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	5/2/2019 16:40	Benzene	0.35	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	10/24/2005 16:10	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	6/20/2006 14:50	Benzene	0.2		µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	12/12/2006 10:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	4/3/2012 15:07	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	10/10/2012 11:32	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	4/2/2013 14:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	11/5/2013 13:25	Benzene	1.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	4/3/2014 14:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	5/27/2015 11:52	Benzene	1.9		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	5/19/2016 13:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW08	1256073.352	245570.6077	7/26/2005 13:25	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW08	1256073.352	245570.6077	10/25/2005 9:00	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW08	1256073.352	245570.6077	6/20/2006 14:43	Benzene	0.2		µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	5/13/2016 12:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW09	1256105.297	245601.9696	7/26/2005 10:42	Benzene	900		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW09	1256105.297	245601.9696	10/25/2005 14:00	Benzene	1200		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW09	1256105.297	245601.9696	5/19/2016 11:18	Benzene	110		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW100	1256518.34	245144.56	4/17/2015 15:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/19/2015 10:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/10/2016 12:12	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW104	1256184.38	245638.7785	5/3/2019 16:15	Benzene	0.35	UJ	µg/L	0.44	11	Intermediate WBZ	No	No
Bulk Terminal	01MW105	1256459.164	245454.8225	5/6/2019 11:30	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW105	1256459.164	245454.8225	7/25/2019 12:00	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW110	1256540	245402	7/25/2019 12:53	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW111	1256509	245529	7/25/2019 14:34	Benzene	0.35	UJ	µg/L	0.44	11	Intermediate WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	7/26/2005 14:00	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	10/24/2005 16:30	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	6/21/2006 11:20	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	12/13/2006 14:14	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	4/9/2012 11:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	10/11/2012 15:02	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	4/3/2013 14:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	10/31/2013 10:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	4/8/2014 10:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	5/21/2015 12:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	5/13/2016 14:08	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW12	1256316.664	245445.5747	4/30/2019 15:15	Benzene	3		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW12	1256316.664	245445.5747	7/26/2005 15:50	Benzene	420		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	10/25/2005 11:00	Benzene	460		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	6/21/2006 15:15	Benzene	320		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	12/13/2006 11:34	Benzene	230		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	10/29/2013 14:50	Benzene	69		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	4/8/2014 10:35	Benzene	37		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	5/19/2015 13:35	Benzene	12		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	5/20/2015 10:56	Benzene	7.4		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW12	1256316.664	245445.5747	5/11/2016 12:55	Benzene	5.7		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	5/1/2019 16:35	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	7/26/2005 15:26	Benzene	2.1		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/24/2005 15:20	Benzene	1.4		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	6/21/2006 15:10	Benzene	1.7		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	12/12/2006 13:59	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	1/7/2011 9:37	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/11/2012 10:48	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/15/2012 14:06	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/8/2013 12:18	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/31/2013 11:24	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/8/2014 13:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	5/19/2015 14:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No

Table A-2 - GW VI Screening Benzene

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
Bulk Terminal	01MW13	1256313.565	245317.692	5/11/2016 13:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	5/2/2019 13:40	Benzene	0.41		µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	10/25/2005 10:00	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	6/20/2006 13:40	Benzene	0.22		µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	12/12/2006 12:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	4/4/2012 12:24	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	10/11/2012 10:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	4/3/2013 13:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	11/1/2013 14:09	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	4/4/2014 13:03	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	5/27/2015 14:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	5/13/2016 13:30	Benzene	1.5		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	7/26/2005 14:55	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/24/2005 14:30	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	6/21/2006 14:19	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	12/12/2006 11:03	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/9/2012 11:13	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/12/2012 11:13	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/4/2013 10:38	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/29/2013 11:27	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/8/2014 10:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	5/19/2015 12:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW17	1256477.214	245167.4524	5/10/2016 13:41	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW18	1256116.234	245578.4666	10/25/2005 15:30	Benzene	2100		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	6/20/2006 15:40	Benzene	1900		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	12/13/2006 13:46	Benzene	1200		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	5/16/2016 13:00	Benzene	73		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/30/2019 14:29	Benzene	2600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/30/2019 14:29	Benzene	2600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/25/2005 15:20	Benzene	3900		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	6/20/2006 15:40	Benzene	6400		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	12/13/2006 16:42	Benzene	4400		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/9/2012 14:42	Benzene	2900		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/15/2012 11:34	Benzene	3200		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/4/2013 12:18	Benzene	3300		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/31/2013 14:15	Benzene	3600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/7/2014 11:35	Benzene	2100		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	5/21/2015 14:25	Benzene	3700		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	5/16/2016 14:50	Benzene	2600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	10/25/2005 14:00	Benzene	11		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW20	1256109.272	245547.1964	6/20/2006 16:35	Benzene	27		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	12/13/2006 16:40	Benzene	17		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	5/16/2016 12:37	Benzene	2.2		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	10/25/2005 10:15	Benzene	1.7		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	6/21/2006 14:25	Benzene	1.2		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	12/13/2006 12:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	1/7/2011 13:51	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	4/12/2011 9:12	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW24	1256245.927	245494.565	4/30/2019 11:45	Benzene	1200		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	7/26/2005 14:25	Benzene	93		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	10/25/2005 11:00	Benzene	130		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	6/21/2006 13:25	Benzene	96		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	12/12/2006 15:39	Benzene	47		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/30/2019 13:05	Benzene	2.6		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/25/2005 13:00	Benzene	5600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	6/21/2006 12:50	Benzene	8100		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	12/12/2006 16:34	Benzene	8800		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/14/2011 16:05	Benzene	31		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	12/20/2011 11:10	Benzene	820		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/10/2012 16:02	Benzene	540		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/16/2012 15:10	Benzene	730		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	1/31/2013 10:19	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/9/2013 10:45	Benzene	1.6		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	7/24/2013 9:50	Benzene	890		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 11:27	Benzene	80		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	1/29/2014 12:44	Benzene	1.5		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/8/2014 13:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	7/2/2014 14:47	Benzene	4.8		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/21/2014 13:10	Benzene	41		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	1/22/2015 11:32	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	5/20/2015 14:45	Benzene	8.2		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	9/1/2015 14:03	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	5/17/2016 13:14	Benzene	41		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	6/21/2006 16:35	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	12/12/2006 12:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	1/11/2011 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/5/2012 12:57	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/12/2012 11:54	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/4/2013 9:53	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/30/2013 14:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/8/2014 11:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/21/2015 10:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/13/2016 10:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	7/13/2006 11:20	Benzene	71		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	12/13/2006 14:34	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	1/11/2011 13:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	4/6/2012 11:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	10/11/2012 12:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	4/3/2013 13:06	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	10/29/2013 12:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	4/7/2014 11:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	5/22/2015 9:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	5/13/2016 13:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW33	1256295.573	245566.0559	7/13/2006 10:15	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW33	1256295.573	245566.0559	12/12/2006 15:21	Benzene	31		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	12/22/2006 11:59	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	4/10/2012 11:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	4/10/2013 13:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	4/3/2014 13:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW35	1256291.355	245613.8439	5/1/2019 13:35	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW35	1256291.355	245613.8439	12/13/2006 15:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	7/13/2006 11:48	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	12/13/2006 16:13	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	4/6/2012 14:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	4/3/2013 10:47	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	4/7/2014 14:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	5/19/2016 11:41	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	9/27/2006 15:00	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	12/12/2006 13:28	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/9/2012 15:37	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	10/12/2012 12:37	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/4/2013 11:48	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	10/29/2013 12:52	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/8/2014 11:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	5/19/2015 13:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	5/10/2016 14:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW38	1256387.197	245312.7539	4/30/2019 15:36	Benzene	0.62		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW38	1256387.197	245312.7539	9/27/2006 13:50	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	12/12/2006 12:44	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW38	1256387.197	245312.7539	5/10/2016 15:07	Benzene	1.7		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW39	1256213.311	245244.5565	9/27/2006 11:25	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	12/12/2006 12:02	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No

Table A-2 - GW VI Screening Benzene

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
Bulk Terminal	01MW39	1256213.311	245244.5565	5/10/2016 15:22	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/30/2019 17:10	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	9/27/2006 12:35	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	12/12/2006 16:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/9/2012 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	10/12/2012 15:52	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/4/2013 13:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	10/30/2013 14:57	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/8/2014 11:33	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	5/19/2015 11:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	5/12/2016 11:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW41	1256288.875	245453.6516	9/27/2006 15:00	Benzene	160		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	12/13/2006 10:56	Benzene	210		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	1/10/2011 12:15	Benzene	7.2		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW41	1256288.875	245453.6516	4/12/2011 14:20	Benzene	11		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW41	1256288.875	245453.6516	12/20/2011 13:46	Benzene	4.7		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW41	1256288.875	245453.6516	4/10/2012 16:11	Benzene	1.9		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW41	1256288.875	245453.6516	7/11/2012 9:31	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	9/27/2006 16:00	Benzene	20		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW42	1256365.694	245485.9281	12/12/2006 15:17	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/10/2012 12:28	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	10/15/2012 10:52	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/4/2013 12:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	10/29/2013 13:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/8/2014 9:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	5/28/2015	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	5/11/2016 12:04	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW43	1256296.724	245528.4723	9/27/2006 16:15	Benzene	1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	5/2/2019 14:35	Benzene	13		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	9/27/2006 10:55	Benzene	15		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	12/12/2006 17:18	Benzene	16		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/4/2012 15:06	Benzene	13		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	10/11/2012 12:25	Benzene	15		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	4/3/2013 13:20	Benzene	13		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	11/4/2013 12:15	Benzene	8.4		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	4/7/2014 11:33	Benzene	17		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/27/2015 13:10	Benzene	17		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW44	1255957.353	245480.3874	5/18/2016 12:45	Benzene	15		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/2/2019 15:35	Benzene	1.6		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	9/27/2006 13:41	Benzene	0.67		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	12/12/2006 9:32	Benzene	1.9		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	4/4/2012 14:05	Benzene	2.3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	10/11/2012 13:38	Benzene	2.7		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	4/3/2013 11:40	Benzene	2.2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	11/5/2013 14:05	Benzene	3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	4/7/2014 10:20	Benzene	2.2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	5/27/2015 12:05	Benzene	2.7		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	5/18/2016 11:05	Benzene	2.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	5/2/2019 15:34	Benzene	14		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW46	1255896.632	245527.326	9/27/2006 12:15	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	12/12/2006 10:21	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/4/2012 10:59	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	10/11/2012 10:22	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/3/2013 11:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	11/1/2013 11:12	Benzene	1.2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/4/2014 10:08	Benzene	2.3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	5/27/2015 14:30	Benzene	9.3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	5/17/2016 15:15	Benzene	7.9		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	6/9/2016 12:19	Benzene	8.4		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	5/1/2019 10:39	Benzene	840		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	5/1/2019 10:39	Benzene	800		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	12/22/2006 14:35	Benzene	3600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	5/26/2016 12:11	Benzene	390		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	5/1/2019 10:55	Benzene	0.35	UJ	µg/L	0.44	11	Intermediate WBZ	No	No
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	12/22/2006 15:27	Benzene	1900		µg/L	0.44	11	Intermediate WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	5/26/2016 12:09	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	5/1/2019 11:52	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	12/22/2006 12:48	Benzene	12		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	4/10/2013 12:33	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	10/30/2013 10:43	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	4/3/2014 10:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	6/17/2015 10:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	5/26/2016 11:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	12/22/2006 13:47	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	4/10/2012 9:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	10/16/2012 11:11	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	4/10/2013 13:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	10/30/2013 10:23	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	4/3/2014 11:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	6/17/2015 9:47	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	5/26/2016 10:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW51	1256144.731	245611.3969	12/22/2006 16:10	Benzene	47		µg/L	0.44	11	Intermediate WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW51	1256144.731	245611.3969	5/26/2016 13:10	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKOWest Commodore Way	01MW52	1255973.936	245618.0138	5/26/2016 14:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/2/2019 15:35	Benzene	0.35	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	12/7/2007 11:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/26/2016 14:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	11/26/2008 9:20	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	4/3/2012 11:50	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	10/9/2012 11:02	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	4/1/2013 12:12	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	11/1/2013 10:30	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	4/2/2014 12:00	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	5/29/2015 11:00	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW54	1255960.969	245481.2973	5/12/2016 10:30	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/2/2019 13:05	Benzene	1.3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	11/25/2008 11:59	Benzene	27		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/4/2012 11:39	Benzene	1.6		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	10/11/2012 15:45	Benzene	2.2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	4/3/2013 10:33	Benzene	2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	11/4/2013 11:45	Benzene	3.8		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	4/7/2014 13:00	Benzene	1.7		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/28/2015 12:10	Benzene	3.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/18/2016 14:45	Benzene	1.7		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/2/2019 14:50	Benzene	0.35	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	11/25/2008 14:16	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/3/2012 16:04	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	10/10/2012 13:33	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/2/2013 12:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	11/1/2013 14:43	Benzene	1.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/4/2014 10:53	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/27/2015 13:32	Benzene	2.2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/19/2016 13:13	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	11/25/2008 15:41	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	4/3/2012 12:30	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	10/9/2012 13:18	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	4/1/2013 12:44	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	10/31/2013 12:10	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	4/2/2014 10:10	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	5/26/2015 10:24	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW57	1255850.997	245551.8624	5/16/2016 11:45	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	11/25/2008 17:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No

Table A-2 - GW VI Screening Benzene

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKO	01MW58	1255836.755	245479.925	4/4/2012 10:18	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	10/10/2012 10:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	4/2/2013 11:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	10/31/2013 10:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	4/3/2014 15:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	5/27/2015 10:43	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW58	1255836.755	245479.925	5/16/2016 13:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/25/2008 13:17	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/9/2012 10:39	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	10/12/2012 15:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/3/2013 15:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/5/2013 12:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/4/2014 15:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/21/2015 14:04	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/16/2016 11:31	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	4/4/2012 10:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	10/10/2012 13:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	4/2/2013 13:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	11/4/2013 15:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	4/3/2014 10:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	5/28/2015 12:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW60	1255949.81	245372.301	5/12/2016 14:38	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	4/3/2012 16:58	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	10/9/2012 15:04	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	4/2/2013 10:52	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	11/5/2013 10:53	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	4/9/2014	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	5/28/2015 10:47	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW61	1256004.415	245342.8037	5/13/2016 10:54	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	5/2/2019 10:58	Benzene	0.35		µg/L	0.44	11	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/4/2012 15:48	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	10/11/2012 10:09	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	4/2/2013 15:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	11/5/2013 11:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	4/3/2014 12:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	5/28/2015 13:28	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW62	1255917.14	245383.818	5/13/2016 12:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	5/2/2019 11:10	Benzene	4.3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	4/4/2012 13:56	Benzene	3.5		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	10/11/2012 14:15	Benzene	4.7		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	4/3/2013 11:26	Benzene	5.6		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	11/4/2013 15:15	Benzene	4.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	4/7/2014 14:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	5/28/2015 9:35	Benzene	7.4		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	5/18/2016 14:48	Benzene	3.8		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/4/2012 13:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	10/10/2012 11:42	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/2/2013 12:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	11/1/2013 13:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/10/2014 11:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	5/29/2015 13:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	5/12/2016 13:36	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	4/3/2012 14:02	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	10/9/2012 12:14	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	4/1/2013 14:15	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	11/1/2013 11:10	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	4/2/2014 13:05	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	5/29/2015 8:50	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
ASKO	01MW65	1255960.026	245458.6813	5/12/2016 11:10	Benzene	1	U	µg/L	0.44	11	Deep WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/30/2019 11:42	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	12/12/2011 11:13	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/5/2012 13:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/16/2012 12:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/28/2013 15:58	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/8/2013 12:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	7/23/2013 9:41	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/30/2013 10:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/28/2014 11:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/8/2014 13:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	7/1/2014 12:22	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/20/2014 13:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/21/2015 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	3/2/2015 14:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	5/20/2015 13:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	9/2/2015 10:57	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	5/12/2016 12:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/5/2012 11:15	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/12/2012 12:00	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/29/2013 11:25	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/4/2013 12:35	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	7/23/2013 11:23	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/29/2013 13:25	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/28/2014 11:42	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/9/2014 10:33	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	7/2/2014 15:15	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/21/2014 10:00	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/22/2015 11:40	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	5/20/2015 9:45	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	9/2/2015 12:05	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW67	1256184.972	245466.3028	5/12/2016 10:59	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/30/2019 11:46	Benzene	0.74		µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/30/2019 11:46	Benzene	20	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	12/12/2011 14:15	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/10/2012 12:02	Benzene	1	U	µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	10/12/2012 14:35	Benzene	4.6		µg/L	0.44	11	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/29/2013 13:18	Benzene	42		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	4/4/2013 14:25	Benzene	56		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	7/23/2013 13:24	Benzene	40		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	1/28/2014 14:10	Benzene	52		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	4/9/2014 12:02	Benzene	59		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	7/1/2014 13:40	Benzene	58		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	10/21/2014 11:07	Benzene	24		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	1/22/2015 12:55	Benzene	46		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	5/20/2015 10:45	Benzene	46		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	9/2/2015 9:50	Benzene	14		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	5/17/2016 11:27	Benzene	69		µg/L	0.44	11	Angled Shallow WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/3/2012 16:52	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	10/12/2012 12:38	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	4/2/2013 13:50	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	11/4/2013 15:10	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	4/3/2014 16:00	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	5/28/2015 12:42	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	5/18/2016 12:58	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	5/2/2019 10:50	Benzene	0.35	U	µg/L	0.44	11	Perched WBZ	No	No
ASKO	01MW71	1255905.782	245392.5867	5/2/2019 10:50	Benzene	20	U	µg/L	0.44	11	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/4/2012 10:33	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	10/11/2012 11:45	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	4/2/2013 14:44	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	11/4/2013 16:20	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	4/3/2014 15:05	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	5/28/2015 14:12	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	5/18/2016 13:40	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No

Table A-2 - GW VI Screening Benzene

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
Bulk Terminal	01MW72	1256267.372	245339.9858	1/7/2011 10:58	Benzene	21		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	4/12/2011 11:45	Benzene	15		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	12/20/2011 10:31	Benzene	15		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	4/11/2012 14:30	Benzene	59		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	4/30/2019 15:50	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/12/2012 12:58	Benzene	3500		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	10/16/2012 15:19	Benzene	4800		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	1/31/2013 14:25	Benzene	16		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	4/4/2013 14:59	Benzene	310		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	7/24/2013 9:23	Benzene	98		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	10/31/2013 12:40	Benzene	11		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/29/2014 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/9/2014 13:54	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	7/1/2014 16:45	Benzene	3.6		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	10/20/2014 11:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/21/2015 14:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	5/19/2015 15:08	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	9/1/2015 12:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	5/12/2016 13:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/1/2019 16:31	Benzene	0.35	UJ	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	1/7/2011 11:33	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	4/10/2012 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	10/15/2012 10:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	4/4/2013 15:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	10/31/2013 10:42	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	4/9/2014 12:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/19/2015 12:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/12/2016 11:51	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	3/7/2011 13:55	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	4/4/2012 11:40	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	10/11/2012 11:53	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	4/3/2013 10:40	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	11/5/2013 13:05	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	4/4/2014 11:45	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	5/27/2015 11:20	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW76	1255978.228	245547.499	5/17/2016 16:20	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	3/7/2011 12:57	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	4/3/2012 15:05	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	10/9/2012 12:51	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	4/1/2013 14:58	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	11/1/2013 11:50	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	4/2/2014 14:25	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	5/29/2015 9:45	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW77	1255966.601	245455.6021	5/12/2016 12:25	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	3/7/2011 11:42	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	4/4/2012 15:00	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	10/10/2012 16:45	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	4/1/2013 16:09	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	11/1/2013 14:45	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	4/3/2014 13:15	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	5/29/2015 12:15	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW78	1255913.408	245386.34	5/13/2016 11:46	Benzene	1	U	µg/L	0.44	11	Intermediate WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	3/7/2011 11:44	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	4/3/2012 15:25	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	10/10/2012 14:55	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	4/2/2013 12:03	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	11/4/2013 14:12	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	4/4/2014 13:50	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	5/28/2015 11:30	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW79	1255967.126	245441.612	5/13/2016 14:09	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	5/2/2019 16:35	Benzene	16		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	01MW80	1255875.687	245567.7545	4/3/2012 12:16	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	10/10/2012 14:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2013 10:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	11/1/2013 12:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	4/2/2014 13:36	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	5/27/2015 14:42	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	5/17/2016 16:00	Benzene	11		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	5/1/2019 15:00	Benzene	5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	4/6/2012 10:53	Benzene	3.9		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	10/11/2012 14:04	Benzene	4.1		µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	4/3/2013 13:52	Benzene	5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	10/29/2013 14:25	Benzene	15		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	4/7/2014 12:45	Benzene	5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	5/22/2015 10:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	5/19/2016 14:14	Benzene	6.5		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/3/2012 10:42	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	10/9/2012 11:54	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/1/2013 13:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	11/1/2013 14:40	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/2/2014 14:32	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/28/2015 10:27	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/17/2016 14:33	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	5/1/2019 10:10	Benzene	1200		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	4/10/2012 10:31	Benzene	2600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	10/16/2012 10:04	Benzene	3400		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	1/30/2013 12:26	Benzene	840		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	4/10/2013 10:06	Benzene	1600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	10/30/2013 12:00	Benzene	750		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	4/3/2014 11:40	Benzene	260		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	6/17/2015 10:55	Benzene	600		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	5/26/2016 13:23	Benzene	840		µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	1/30/2013 10:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	4/10/2013 10:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	10/30/2013 11:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	4/3/2014 12:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	6/17/2015 11:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	5/26/2016 13:17	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	4/6/2012 12:56	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	4/3/2013 11:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	4/7/2014 13:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	5/22/2015 8:48	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/3/2012 13:08	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	10/9/2012 13:44	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/1/2013 15:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	11/5/2013 12:14	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/2/2014 11:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/27/2015 13:17	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/16/2016 12:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/1/2019 16:36	Benzene	0.35	U	µg/L	0.44	11	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/1/2019 16:36	Benzene	20	U	µg/L	0.44	11	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW90	1256261.678	245301.854	2/2/2012 16:06	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW90	1256261.678	245301.854	10/29/2013 11:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW90	1256261.678	245301.854	4/8/2014 11:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/19/2015 10:53	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/20/2015 10:00	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/11/2016 14:42	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW91	1256304.501	245333.0298	2/2/2012 17:06	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW92	1255896.93	245377.8	5/14/2019 9:03	Benzene	70	U	µg/L	0.44	11	Perched WBZ	Yes	Yes
ASKOBNSF	01MW92	1255896.93	245377.8	8/23/2012 11:34	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW92	1255896.93	245377.8	9/5/2012 14:00	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW92	1255896.93	245377.8	5/10/2013 13:03	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No

Table A-2 - GW VI Screening Benzene

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	Vapor SL (ug/L)	WBZ	Exceeds GW CUL?	Result Exceeds Vapor SL?
ASKOBNSF	01MW92	1255896.93	245377.8	11/4/2013 14:28	Benzene	1.1		µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW92	1255896.93	245377.8	4/4/2014 12:05	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	8/23/2012 12:59	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	9/5/2012 16:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	5/13/2013 9:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	11/4/2013 13:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	4/9/2014	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	8/23/2012 15:21	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	9/5/2012 15:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	5/10/2013 10:59	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	11/4/2013 11:27	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW94	1255853.66	245383.26	4/9/2014	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	8/23/2012 14:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	9/5/2012 16:58	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	5/10/2013 14:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	11/4/2013 14:30	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW95	1255935.88	245328.62	4/9/2014	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	5/14/2019 10:52	Benzene	1.3		µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	5/10/2013 10:15	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	11/4/2013 11:23	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW96	1255926.837	245358.5419	4/4/2014 10:10	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW97	1255903.379	245357.9307	5/10/2013 11:35	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW97	1255903.379	245357.9307	11/4/2013 15:30	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW97	1255903.379	245357.9307	4/4/2014 11:10	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW98	1255866.286	245395.5794	5/10/2013 13:55	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW98	1255866.286	245395.5794	11/4/2013 12:31	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
ASKOBNSF	01MW98	1255866.286	245395.5794	4/4/2014 13:10	Benzene	1	U	µg/L	0.44	11	Perched WBZ	Yes	No
Bulk Terminal	01MW99	1256477.15	245145.81	4/17/2015 13:53	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW99	1256477.15	245145.81	5/19/2015 11:25	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal	01MW99	1256477.15	245145.81	5/10/2016 11:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	7/26/2005 12:00	Benzene	10000		µg/L	0.44	11	Shallow WBZ	Yes	Yes
ASKO	02MW14	1255817.678	245715.3161	11/25/2008 10:38	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	02MW14	1255817.678	245715.3161	4/1/2014 15:07	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	02MW14	1255817.678	245715.3161	5/26/2015 12:35	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	02MW14	1255817.678	245715.3161	5/18/2016 14:43	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW01	1255705.618	245538.6769	4/26/2006 10:35	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	8/17/2006 10:55	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW01	1255705.618	245538.6769	12/13/2006 9:59	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW01	1255705.618	245538.6769	5/16/2016 13:57	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/26/2006 9:25	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	8/17/2006 12:10	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	12/13/2006 9:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/3/2012 16:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	10/9/2012 11:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/1/2013 11:46	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	11/1/2013 10:58	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	4/2/2014 10:07	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	5/27/2015 12:07	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW02	1255701.301	245596.6405	5/16/2016 14:52	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/3/2019 9:52	Benzene	2.1		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/3/2019 9:52	Benzene	20	U	µg/L	0.44	11	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/25/2006 11:15	Benzene	3.2		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	8/17/2006 16:15	Benzene	3.1		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	12/14/2006 12:10	Benzene	2.9		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	4/3/2012 12:30	Benzene	4.7		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	10/10/2012 11:01	Benzene	3.7		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	4/1/2013 15:11	Benzene	3.4		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	10/31/2013 14:05	Benzene	3.2		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	4/3/2014 14:15	Benzene	4.1		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/26/2015 12:20	Benzene	4.4		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/16/2016 14:35	Benzene	3.9		µg/L	0.44	11	Perched WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	5/3/2019 10:15	Benzene	1.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	4/25/2006 12:15	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	8/17/2006 13:55	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	12/13/2006 12:07	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	4/3/2012 14:01	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	10/10/2012 11:50	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	4/2/2013 10:14	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	10/31/2013 15:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	4/2/2014 11:55	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	5/26/2015 14:10	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	5/17/2016 12:05	Benzene	1.1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	5/3/2019 10:08	Benzene	1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	4/25/2006 13:15	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	8/17/2006 14:50	Benzene	2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	12/13/2006 11:15	Benzene	1.8		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	4/3/2012 14:49	Benzene	1.2		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	10/10/2012 13:47	Benzene	1		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	4/2/2013 11:07	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	11/1/2013 10:04	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	4/2/2014 11:05	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	5/28/2015 11:15	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW05	1255843.43	245549.8824	5/17/2016 14:00	Benzene	1.5		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	5/3/2019 10:00	Benzene	2.6		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/25/2006 14:25	Benzene	0.2	U	µg/L	0.44	11	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	8/17/2006 13:45	Benzene	0.5	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	12/13/2006 11:14	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/3/2012 11:32	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	10/9/2012 14:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/1/2013 14:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	11/1/2013 13:08	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/2/2014 12:45	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	5/26/2015 11:20	Benzene	1	U	µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	5/17/2016 12:47	Benzene	1.3		µg/L	0.44	11	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	6/9/2016 11:08	Benzene	1.5		µg/L	0.44	11	Shallow WBZ	Yes	No

Qualifier - Definition
CN - Chromatogram note
J - Analyte was detected; concentration is considered to be an estimate.
JQ - The analyte was detected between the reporting limit and method detection limit and is considered to be an estimate.
U - Analyte was not detected at the given reporting limit.
UJ - Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table A-3 - GW VI Screening TPH Gasoline Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds GW CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW01	1256198.546	245455.4592	10/25/2005 13:00	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	6/21/2006 12:25	Gasoline-range organics	50		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	12/12/2006 14:58	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	12/12/2011 12:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/9/2012 15:18	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/15/2012 14:21	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/31/2013 13:05	Gasoline-range organics	510		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/8/2013 10:25	Gasoline-range organics	580		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	7/24/2013 9:32	Gasoline-range organics	570		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/30/2013 13:03	Gasoline-range organics	420		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/28/2014 14:50	Gasoline-range organics	170		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/9/2014 14:00	Gasoline-range organics	120		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	7/1/2014 16:40	Gasoline-range organics	220		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/21/2014 12:50	Gasoline-range organics	150		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/21/2015 14:48	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	5/20/2015 12:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	9/2/2015 11:23	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	5/12/2016 14:49	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/30/2019 11:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	7/26/2005 12:00	Gasoline-range organics	28000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	10/25/2005 16:15	Gasoline-range organics	24000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	12/8/2011 14:45	Gasoline-range organics	5300		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	4/9/2012 13:39	Gasoline-range organics	12000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	10/15/2012 10:13	Gasoline-range organics	28000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	4/8/2013 10:30	Gasoline-range organics	21000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	10/31/2013	Gasoline-range organics	4400		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	4/7/2014 15:30	Gasoline-range organics	3900		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	5/21/2015 13:25	Gasoline-range organics	2600		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	5/19/2016 12:07	Gasoline-range organics	5900		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW02	1256198.832	245585.8912	5/1/2019 15:06	Gasoline-range organics	900		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	7/26/2005 11:30	Gasoline-range organics	4200	CN	µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	10/25/2005 16:10	Gasoline-range organics	23000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	6/21/2006 10:53	Gasoline-range organics	8300	CN	µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	12/12/2006 15:01	Gasoline-range organics	3200	U	µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	5/19/2016 10:55	Gasoline-range organics	420		µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW03	1256160.726	245598.3679	5/1/2019 14:54	Gasoline-range organics	2000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	10/25/2005 17:00	Gasoline-range organics	2400		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	6/21/2006 12:00	Gasoline-range organics	7300		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	12/13/2006 15:05	Gasoline-range organics	230	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/5/2012 11:58	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/12/2012 14:49	Gasoline-range organics	750		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/30/2013 14:56	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/3/2013 15:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	7/22/2013 11:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/27/2014 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/8/2014 11:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	7/2/2014 16:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/20/2014 12:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/22/2015 15:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	5/21/2015 11:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	9/1/2015 13:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	5/13/2016 14:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/25/2005 9:15	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	6/20/2006 13:45	Gasoline-range organics	50		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	12/12/2006 14:15	Gasoline-range organics	62	J	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/5/2012 11:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/12/2012 14:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/3/2013 15:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/29/2013 15:46	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/4/2014 15:15	Gasoline-range organics	310		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/21/2015 12:44	Gasoline-range organics	130		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/13/2016 11:23	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/30/2019 14:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	10/24/2005 16:10	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	6/20/2006 14:50	Gasoline-range organics	50		µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	12/12/2006 10:45	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	4/3/2012 15:07	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	10/10/2012 11:32	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	4/2/2013 14:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	11/5/2013 13:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	4/3/2014 14:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	5/27/2015 11:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	5/19/2016 13:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	7/26/2005 13:25	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	10/25/2005 9:00	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	6/20/2006 14:43	Gasoline-range organics	50		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	5/13/2016 12:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW09	1256105.297	245601.9696	7/26/2005 10:42	Gasoline-range organics	9500		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW09	1256105.297	245601.9696	10/25/2005 14:00	Gasoline-range organics	8600		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW09	1256105.297	245601.9696	5/19/2016 11:18	Gasoline-range organics	890		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW100	1256518.34	245144.56	4/17/2015 15:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/19/2015 10:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/10/2016 12:12	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW101	1256258.447	245623.1098	5/6/2019 11:26	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW102	1256179.464	245639.2164	5/6/2019 11:27	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW104	1256184.38	245638.7785	5/3/2019 16:15	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
Bulk Terminal	01MW105	1256459.164	245454.8225	5/6/2019 11:30	Gasoline-range organics	140		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW105	1256459.164	245454.8225	7/25/2019 12:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	7/26/2005 14:00	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	10/24/2005 16:30	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	6/21/2006 11:20	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	12/13/2006 14:14	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	4/9/2012 11:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	10/11/2012 15:02	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	4/3/2013 14:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	10/31/2013 10:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	4/8/2014 10:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	5/21/2015 12:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW11	1256369.074	245545.6336	5/13/2016 14:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW110	1256540	245402	7/25/2019 12:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW111	1256509	245529	7/25/2019 14:34	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	7/26/2005 15:50	Gasoline-range organics	1800		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	10/25/2005 11:00	Gasoline-range organics	2100		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	6/21/2006 15:15	Gasoline-range organics	1300		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW12	1256316.664	245445.5747	12/13/2006 11:34	Gasoline-range organics	1000		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW12	1256316.664	245445.5747	10/29/2013 14:50	Gasoline-range organics	480		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	4/8/2014 10:35	Gasoline-range organics	660		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	5/19/2015 13:35	Gasoline-range organics	430		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	5/20/2015 10:56	Gasoline-range organics	420		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	5/11/2016 12:55	Gasoline-range organics	210		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	4/30/2019 15:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	7/26/2005 15:26	Gasoline-range organics	520		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/24/2005 15:20	Gasoline-range organics	360		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	6/21/2006 15:10	Gasoline-range organics	220		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	12/12/2006 13:59	Gasoline-range organics	51		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	1/7/2011 9:37	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/11/2012 10:48	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/15/2012 14:06	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/8/2013 12:18	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/31/2013 11:24	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/8/2014 13:05	Gasoline-range organics	170		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	5/19/2015 14:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No

Table A-3 - GW VI Screening TPH Gasoline Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds GW CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW13	1256313.565	245317.692	5/11/2016 13:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	5/1/2019 16:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	10/25/2005 10:00	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	6/20/2006 13:40	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	12/12/2006 12:15	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	4/4/2012 12:24	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	10/11/2012 10:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	4/3/2013 13:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	11/1/2013 14:09	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	4/4/2014 13:03	Gasoline-range organics	110		µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/27/2015 14:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/13/2016 13:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/2/2019 13:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	7/26/2005 14:55	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/24/2005 14:30	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	6/21/2006 14:19	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	12/12/2006 11:03	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/9/2012 11:13	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/12/2012 11:13	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/4/2013 10:38	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/29/2013 11:27	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/8/2014 10:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	5/19/2015 12:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	5/10/2016 13:41	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW18	1256116.234	245578.4666	10/25/2005 15:30	Gasoline-range organics	14000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	6/20/2006 15:40	Gasoline-range organics	9500		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	12/13/2006 13:46	Gasoline-range organics	8100		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	5/16/2016 13:00	Gasoline-range organics	4700		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/25/2005 15:20	Gasoline-range organics	26000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	6/20/2006 15:40	Gasoline-range organics	30000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	12/13/2006 16:42	Gasoline-range organics	26000	J	µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/9/2012 14:42	Gasoline-range organics	18000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/15/2012 11:34	Gasoline-range organics	16000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/4/2013 12:18	Gasoline-range organics	20000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/31/2013 14:15	Gasoline-range organics	14000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/7/2014 11:35	Gasoline-range organics	16000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	5/21/2015 14:25	Gasoline-range organics	15000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	5/16/2016 14:50	Gasoline-range organics	16000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/30/2019 14:29	Gasoline-range organics	10000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	10/25/2005 14:00	Gasoline-range organics	380		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW20	1256109.272	245547.1964	6/20/2006 16:35	Gasoline-range organics	1700		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW20	1256109.272	245547.1964	12/13/2006 16:40	Gasoline-range organics	1300	J	µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW20	1256109.272	245547.1964	5/16/2016 12:37	Gasoline-range organics	750		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW21	1256258.346	245384.2315	10/25/2005 10:15	Gasoline-range organics	850		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	6/21/2006 14:25	Gasoline-range organics	810	CN	µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	12/13/2006 12:20	Gasoline-range organics	860		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	1/7/2011 13:51	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW21	1256258.346	245384.2315	4/12/2011 9:12	Gasoline-range organics	540	CN	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW24	1256245.927	245494.565	4/30/2019 11:45	Gasoline-range organics	6100		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	7/26/2005 14:25	Gasoline-range organics	1300		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW26	1256216.466	245452.9036	10/25/2005 11:00	Gasoline-range organics	1300		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW26	1256216.466	245452.9036	6/21/2006 13:25	Gasoline-range organics	710		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW26	1256216.466	245452.9036	12/12/2006 15:39	Gasoline-range organics	1200		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/25/2005 13:00	Gasoline-range organics	15000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	6/21/2006 12:50	Gasoline-range organics	15000	CN	µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	12/12/2006 16:34	Gasoline-range organics	23000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/14/2011 16:05	Gasoline-range organics	370		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	12/20/2011 11:10	Gasoline-range organics	2200		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/10/2012 16:02	Gasoline-range organics	1800		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/16/2012 15:10	Gasoline-range organics	2500		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	1/31/2013 10:19	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/9/2013 10:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	7/24/2013 9:50	Gasoline-range organics	1800		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 11:27	Gasoline-range organics	230		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 14:18	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/29/2014 12:44	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/8/2014 13:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	7/2/2014 14:47	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/21/2014 13:10	Gasoline-range organics	160		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/22/2015 11:32	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	5/20/2015 14:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	9/1/2015 14:03	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	5/17/2016 13:14	Gasoline-range organics	170		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/30/2019 13:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	6/21/2006 16:35	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	12/12/2006 12:46	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	1/11/2011 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/5/2012 12:57	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/12/2012 11:54	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/4/2013 9:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	10/30/2013 14:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	4/8/2014 11:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/21/2015 10:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW30	1256046.105	245590.1133	5/13/2016 10:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	7/13/2006 11:20	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	12/13/2006 14:34	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	1/11/2011 13:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	4/6/2012 11:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	10/11/2012 12:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	4/3/2013 13:06	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	10/29/2013 12:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	4/7/2014 11:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	5/22/2015 9:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW32	1256214.724	245635.0407	5/13/2016 13:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW33	1256295.573	245566.0559	7/13/2006 10:15	Gasoline-range organics	960		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW33	1256295.573	245566.0559	12/12/2006 15:21	Gasoline-range organics	1500		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	12/22/2006 11:59	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	4/10/2012 11:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	4/10/2013 13:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW34	1256349.486	245587.4006	4/3/2014 13:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW35	1256291.355	245613.8439	12/13/2006 15:25	Gasoline-range organics	130		µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW35	1256291.355	245613.8439	5/1/2019 13:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	7/13/2006 11:48	Gasoline-range organics	57		µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	12/13/2006 16:13	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	4/6/2012 14:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	4/3/2013 10:47	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	4/7/2014 14:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW36	1256323.335	245604.7694	5/19/2016 11:41	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	9/27/2006 15:00	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	12/12/2006 13:28	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/9/2012 15:37	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	10/12/2012 12:37	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/4/2013 11:48	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	10/29/2013 12:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/8/2014 11:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	5/19/2015 13:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	5/10/2016 14:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	9/27/2006 13:50	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	12/12/2006 12:44	Gasoline-range organics	90		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	5/10/2016 15:07	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	9/27/2006 11:25	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	12/12/2006 12:02	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No

Table A-3 - GW VI Screening TPH Gasoline Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds GW CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW39	1256213.311	245244.5565	5/10/2016 15:22	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	9/27/2006 12:35	Gasoline-range organics	1300		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	12/12/2006 16:40	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/9/2012 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	10/12/2012 15:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/4/2013 13:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	10/30/2013 14:57	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/8/2014 11:33	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	5/19/2015 11:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	5/12/2016 11:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	9/27/2006 15:00	Gasoline-range organics	390		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	12/13/2006 10:56	Gasoline-range organics	1000		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW41	1256288.875	245453.6516	1/10/2011 12:15	Gasoline-range organics	280		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	4/12/2011 14:20	Gasoline-range organics	440		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	12/20/2011 13:46	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	4/10/2012 16:11	Gasoline-range organics	170		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	7/11/2012 9:31	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	9/27/2006 16:00	Gasoline-range organics	240		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	12/12/2006 15:17	Gasoline-range organics	98		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/10/2012 12:28	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	10/15/2012 10:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/4/2013 12:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	10/29/2013 13:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/8/2014 9:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	5/28/2015	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	5/11/2016 12:04	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW43	1256296.724	245528.4723	9/27/2006 16:15	Gasoline-range organics	900		µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	9/27/2006 10:55	Gasoline-range organics	220	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	12/12/2006 17:18	Gasoline-range organics	1300	J	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	4/4/2012 15:06	Gasoline-range organics	450	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	10/11/2012 12:25	Gasoline-range organics	710	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	4/3/2013 13:20	Gasoline-range organics	290	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	11/4/2013 12:15	Gasoline-range organics	330	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	4/7/2014 11:33	Gasoline-range organics	800	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	5/27/2015 13:10	Gasoline-range organics	710	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	5/18/2016 12:45	Gasoline-range organics	490	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	5/2/2019 14:35	Gasoline-range organics	470		µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	9/27/2006 13:41	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	12/12/2006 9:32	Gasoline-range organics	470	J	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	4/4/2012 14:05	Gasoline-range organics	180	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	10/11/2012 13:38	Gasoline-range organics	250	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	4/3/2013 11:40	Gasoline-range organics	200	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	11/5/2013 14:05	Gasoline-range organics	190	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	4/7/2014 10:20	Gasoline-range organics	240	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	5/27/2015 12:05	Gasoline-range organics	290	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	5/18/2016 11:05	Gasoline-range organics	140	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	5/2/2019 15:35	Gasoline-range organics	170		µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	9/27/2006 12:15	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	12/12/2006 10:21	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	4/4/2012 10:59	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	10/11/2012 10:22	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	4/3/2013 11:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	11/1/2013 11:12	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	4/4/2014 10:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	5/27/2015 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	5/17/2016 15:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	6/9/2016 12:19	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	12/22/2006 14:35	Gasoline-range organics	15000	J	µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW47	1256102.21	245617.9836	5/26/2016 12:11	Gasoline-range organics	2900		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	12/22/2006 15:27	Gasoline-range organics	6000		µg/L	800	Intermediate WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	5/26/2016 12:09	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
Bulk Terminal West Commodore Way	01MW48	1256198.778	245610.0044	5/1/2019 10:55	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	12/22/2006 12:48	Gasoline-range organics	1700		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	4/10/2013 12:33	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	10/30/2013 10:43	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	4/3/2014 10:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	6/17/2015 10:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	5/26/2016 11:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW49	1256270.197	245595.3421	5/1/2019 11:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	12/22/2006 13:47	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	4/10/2012 9:46	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	10/16/2012 11:11	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	4/10/2013 13:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	10/30/2013 10:23	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	4/3/2014 11:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	6/17/2015 9:47	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW50	1256052.698	245613.705	5/26/2016 10:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW51	1256144.731	245611.3969	12/22/2006 16:10	Gasoline-range organics	190		µg/L	800	Intermediate WBZ	No	No
Bulk Terminal West Commodore Way	01MW51	1256144.731	245611.3969	5/26/2016 13:10	Gasoline-range organics	370		µg/L	800	Intermediate WBZ	No	No
ASKOWest Commodore Way	01MW52	1255973.936	245618.0138	5/26/2016 14:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	12/7/2007 11:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW53	1255901.892	245616.925	5/26/2016 14:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	11/26/2008 9:20	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/3/2012 11:50	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	10/9/2012 11:02	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/1/2013 12:12	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	11/1/2013 10:30	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/2/2014 12:00	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/29/2015 11:00	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/12/2016 10:30	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW55	1255963.368	245456.9782	11/25/2008 11:59	Gasoline-range organics	6100		µg/L	800	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/4/2012 11:39	Gasoline-range organics	870	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	10/11/2012 15:45	Gasoline-range organics	1400	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	4/3/2013 10:33	Gasoline-range organics	1100	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	11/4/2013 11:45	Gasoline-range organics	1100	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	4/7/2014 13:00	Gasoline-range organics	1300	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/28/2015 12:10	Gasoline-range organics	1300	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/18/2016 14:45	Gasoline-range organics	810	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/2/2019 13:05	Gasoline-range organics	940		µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	11/25/2008 14:16	Gasoline-range organics	100		µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	4/3/2012 16:04	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	10/10/2012 13:33	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	4/2/2013 12:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	11/1/2013 14:43	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	4/4/2014 10:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	5/27/2015 13:32	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW56	1255932.013	245577.676	5/19/2016 13:13	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	11/25/2008 15:41	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/3/2012 12:30	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	10/9/2012 13:18	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/1/2013 12:44	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	10/31/2013 12:10	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/2/2014 10:10	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	5/26/2015 10:24	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	5/16/2016 11:45	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	11/25/2008 17:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/4/2012 10:18	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	10/10/2012 10:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/2/2013 11:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	10/31/2013 10:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/3/2014 15:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	5/27/2015 10:43	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No

Table A-3 - GW VI Screening TPH Gasoline Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds GW CUL?	Is result 2x GW CUL?
ASKO	01MW58	1255836.755	245479.925	5/16/2016 13:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/25/2008 13:17	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/9/2012 10:39	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	10/12/2012 15:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/3/2013 15:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/5/2013 12:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/4/2014 15:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/21/2015 14:04	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/16/2016 11:31	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/4/2012 10:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	10/10/2012 13:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/2/2013 13:46	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	11/4/2013 15:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/3/2014 10:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/28/2015 12:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/12/2016 14:38	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/3/2012 16:58	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	10/9/2012 15:04	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/2/2013 10:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	11/5/2013 10:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/9/2014	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	5/28/2015 10:47	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	5/13/2016 10:54	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/4/2012 15:48	Gasoline-range organics	130		µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	10/11/2012 10:09	Gasoline-range organics	260	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/2/2013 15:30	Gasoline-range organics	290	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	11/5/2013 11:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/3/2014 12:25	Gasoline-range organics	460	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/28/2015 13:28	Gasoline-range organics	790	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/13/2016 12:46	Gasoline-range organics	270	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/2/2019 10:58	Gasoline-range organics	460		µg/L	800	Shallow WBZ	No	No
ASKO	01MW63	1255965.916	245438.418	4/4/2012 13:56	Gasoline-range organics	1200	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	10/11/2012 14:15	Gasoline-range organics	680	CN	µg/L	800	Shallow WBZ	No	No
ASKO	01MW63	1255965.916	245438.418	4/3/2013 11:26	Gasoline-range organics	2200	CN	µg/L	800	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	11/4/2013 15:15	Gasoline-range organics	1700	CN	µg/L	800	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/7/2014 14:40	Gasoline-range organics	2400	CN	µg/L	800	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/28/2015 9:35	Gasoline-range organics	2100	CN	µg/L	800	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/18/2016 14:48	Gasoline-range organics	1300	CN	µg/L	800	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	5/2/2019 11:10	Gasoline-range organics	2100		µg/L	800	Shallow WBZ	Yes	Yes
ASKO	01MW64	1255868.572	245419.0873	4/4/2012 13:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	10/10/2012 11:42	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	4/2/2013 12:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	11/1/2013 13:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	4/10/2014 11:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/29/2015 13:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/12/2016 13:36	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/3/2012 14:02	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	10/9/2012 12:14	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/1/2013 14:15	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	11/1/2013 11:10	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/2/2014 13:05	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/29/2015 8:50	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/12/2016 11:10	Gasoline-range organics	100	U	µg/L	800	Deep WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	12/12/2011 11:13	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/5/2012 13:46	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/16/2012 12:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/28/2013 15:58	Gasoline-range organics	570		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/8/2013 12:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	7/23/2013 9:41	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/30/2013 10:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/28/2014 11:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/8/2014 13:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	7/1/2014 12:22	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/20/2014 13:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/21/2015 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	3/2/2015 14:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	5/20/2015 13:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	9/2/2015 10:57	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	5/12/2016 12:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/30/2019 11:42	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/5/2012 11:15	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/12/2012 12:00	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/29/2013 11:25	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/4/2013 12:35	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	7/23/2013 11:23	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/29/2013 13:25	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/28/2014 11:42	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/9/2014 10:33	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	7/2/2014 15:15	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/21/2014 10:00	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/22/2015 11:40	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	5/20/2015 9:45	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	9/2/2015 12:05	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	5/12/2016 10:59	Gasoline-range organics	100	U	µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	12/12/2011 14:15	Gasoline-range organics	200		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/10/2012 12:02	Gasoline-range organics	340		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	10/12/2012 14:35	Gasoline-range organics	440		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/29/2013 13:18	Gasoline-range organics	630		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/4/2013 14:25	Gasoline-range organics	780		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	7/23/2013 13:24	Gasoline-range organics	610		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/28/2014 14:10	Gasoline-range organics	880		µg/L	800	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/9/2014 12:02	Gasoline-range organics	950		µg/L	800	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	7/1/2014 13:40	Gasoline-range organics	940		µg/L	800	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	10/21/2014 11:07	Gasoline-range organics	480		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/22/2015 12:55	Gasoline-range organics	860		µg/L	800	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	5/20/2015 10:45	Gasoline-range organics	650		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	9/2/2015 9:50	Gasoline-range organics	190		µg/L	800	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	5/17/2016 11:27	Gasoline-range organics	1100		µg/L	800	Angled Shallow WBZ	Yes	No
ASKO	01MW70	1255893.427	245401.9949	4/3/2012 16:52	Gasoline-range organics	120	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	10/12/2012 12:38	Gasoline-range organics	200	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	4/2/2013 13:50	Gasoline-range organics	160	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	11/4/2013 15:10	Gasoline-range organics	150	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	4/3/2014 16:00	Gasoline-range organics	140	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	5/28/2015 12:42	Gasoline-range organics	250	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	5/18/2016 12:58	Gasoline-range organics	210	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	5/2/2019 11:20	Gasoline-range organics	160		µg/L	800	Perched WBZ	No	No
ASKO	01MW71	1255905.782	245392.5867	4/4/2012 10:33	Gasoline-range organics	740	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW71	1255905.782	245392.5867	10/11/2012 11:45	Gasoline-range organics	380	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW71	1255905.782	245392.5867	4/2/2013 14:44	Gasoline-range organics	330	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW71	1255905.782	245392.5867	11/4/2013 16:20	Gasoline-range organics	740	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW71	1255905.782	245392.5867	4/3/2014 15:05	Gasoline-range organics	830	CN	µg/L	800	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	5/28/2015 14:12	Gasoline-range organics	1500	CN	µg/L	800	Perched WBZ	Yes	No
ASKO	01MW71	1255905.782	245392.5867	5/18/2016 13:40	Gasoline-range organics	930	CN	µg/L	800	Perched WBZ	Yes	No
Bulk Terminal	01MW72	1256267.372	245339.9858	1/7/2011 10:58	Gasoline-range organics	1300		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW72	1256267.372	245339.9858	4/12/2011 11:45	Gasoline-range organics	1600		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW72	1256267.372	245339.9858	12/20/2011 10:31	Gasoline-range organics	440		µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW72	1256267.372	245339.9858	4/11/2012 14:30	Gasoline-range organics	1400		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/12/2012 12:58	Gasoline-range organics	17000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	10/16/2012 15:19	Gasoline-range organics	19000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	1/31/2013 14:25	Gasoline-range organics	930		µg/L	800	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/4/2013 14:59	Gasoline-range organics	2900		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	7/24/2013 9:23	Gasoline-range organics	740		µg/L	800	Shallow WBZ	No	No

Table A-3 - GW VI Screening TPH Gasoline Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds GW CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW74	1256325.492	245411.6302	10/31/2013 12:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/29/2014 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/9/2014 13:54	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	7/1/2014 16:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	10/20/2014 11:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/21/2015 14:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	5/19/2015 15:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	9/1/2015 12:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	5/12/2016 13:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/30/2019 15:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	1/7/2011 11:33	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	4/10/2012 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	10/15/2012 10:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	4/4/2013 15:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	10/31/2013 10:42	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	4/9/2014 12:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/19/2015 12:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/12/2016 11:51	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	3/7/2011 13:55	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/4/2012 11:40	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	10/11/2012 11:53	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/3/2013 10:40	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	11/5/2013 13:05	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/4/2014 11:45	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/27/2015 11:20	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/17/2016 16:20	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	3/7/2011 12:57	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/3/2012 15:05	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	10/9/2012 12:51	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/1/2013 14:58	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	11/1/2013 11:50	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/2/2014 14:25	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/29/2015 9:45	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/12/2016 12:25	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	3/7/2011 11:42	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/4/2012 15:00	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	10/10/2012 16:45	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/1/2013 16:09	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	11/1/2013 14:45	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/3/2014 13:15	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/29/2015 12:15	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/13/2016 11:46	Gasoline-range organics	100	U	µg/L	800	Intermediate WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	3/7/2011 11:44	Gasoline-range organics	280	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	4/3/2012 15:25	Gasoline-range organics	120	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	10/10/2012 14:55	Gasoline-range organics	130	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	4/2/2013 12:03	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	11/4/2013 14:12	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	4/4/2014 13:50	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	5/28/2015 11:30	Gasoline-range organics	100	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	5/13/2016 14:09	Gasoline-range organics	110	CN	µg/L	800	Perched WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	5/2/2019 12:55	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2012 12:16	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	10/10/2012 14:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2013 10:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	11/1/2013 12:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	4/2/2014 13:36	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	5/27/2015 14:42	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	5/17/2016 16:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	4/6/2012 10:53	Gasoline-range organics	2500		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	10/11/2012 14:04	Gasoline-range organics	2200		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	4/3/2013 13:52	Gasoline-range organics	6400		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	10/29/2013 14:25	Gasoline-range organics	11000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	4/7/2014 12:45	Gasoline-range organics	12000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	5/22/2015 10:00	Gasoline-range organics	5100		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	5/19/2016 14:14	Gasoline-range organics	12000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW84	1256118.399	245649.143	5/1/2019 15:00	Gasoline-range organics	8400		µg/L	800	Shallow WBZ	Yes	Yes
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/3/2012 10:42	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	10/9/2012 11:54	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/1/2013 13:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	11/1/2013 14:40	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	4/2/2014 14:32	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/28/2015 10:27	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW85	1255842.524	245604.574	5/17/2016 14:33	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	4/10/2012 10:31	Gasoline-range organics	9000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	10/16/2012 10:04	Gasoline-range organics	7700		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	1/30/2013 12:26	Gasoline-range organics	2600		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	4/10/2013 10:06	Gasoline-range organics	5200		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	10/30/2013 12:00	Gasoline-range organics	2100		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	4/3/2014 11:40	Gasoline-range organics	1900		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	6/17/2015 10:55	Gasoline-range organics	2700		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	5/26/2016 13:23	Gasoline-range organics	4000		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW86	1256215.03	245604.156	5/1/2019 10:10	Gasoline-range organics	6500		µg/L	800	Shallow WBZ	Yes	Yes
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	1/30/2013 10:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	4/10/2013 10:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	10/30/2013 11:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	4/3/2014 12:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	6/17/2015 11:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW87	1256308.361	245582.453	5/26/2016 13:17	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	4/6/2012 12:56	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	4/3/2013 11:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	4/7/2014 13:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal West Commodore Way	01MW88	1256316.027	245622.796	5/22/2015 8:48	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/3/2012 13:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	10/9/2012 13:44	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/1/2013 15:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	11/5/2013 12:14	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	4/2/2014 11:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/27/2015 13:17	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOWest Commodore Way	01MW89	1255966.372	245605.873	5/16/2016 12:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	2/2/2012 16:06	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	10/29/2013 11:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	4/8/2014 11:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/19/2015 10:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/20/2015 10:00	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/11/2016 14:42	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW91	1256304.501	245333.0298	2/2/2012 17:06	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW92	1255896.93	245377.8	8/23/2012 11:34	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW92	1255896.93	245377.8	9/5/2012 14:00	Gasoline-range organics	220	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW92	1255896.93	245377.8	5/10/2013 13:03	Gasoline-range organics	770	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW92	1255896.93	245377.8	11/4/2013 14:28	Gasoline-range organics	870	CN	µg/L	800	Perched WBZ	Yes	No
ASKOBNSF	01MW92	1255896.93	245377.8	4/4/2014 12:05	Gasoline-range organics	1500	CN	µg/L	800	Perched WBZ	Yes	No
ASKOBNSF	01MW92	1255896.93	245377.8	5/14/2019 9:03	Gasoline-range organics	1500		µg/L	800	Perched WBZ	Yes	No
ASKOBNSF	01MW93	1255899.8	245355.28	8/23/2012 12:59	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	9/5/2012 16:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	5/13/2013 9:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	11/4/2013 13:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	4/9/2014	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW93	1255899.8	245355.28	5/14/2019 9:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	8/23/2012 15:21	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	9/5/2012 15:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	5/10/2013 10:59	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW94	1255853.66	245383.26	11/4/2013 11:27	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No

Table A-3 - GW VI Screening TPH Gasoline Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds GW CUL?	Is result 2x GW CUL?
ASKOBNSF	01MW94	1255853.66	245383.26	4/9/2014	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	8/23/2012 14:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	9/5/2012 16:58	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	5/10/2013 14:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	11/4/2013 14:30	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW95	1255935.88	245328.62	4/9/2014	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKOBNSF	01MW96	1255926.837	245358.5419	5/10/2013 10:15	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW96	1255926.837	245358.5419	11/4/2013 11:23	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW96	1255926.837	245358.5419	4/4/2014 10:10	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW97	1255903.379	245357.9307	5/10/2013 11:35	Gasoline-range organics	620	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW97	1255903.379	245357.9307	11/4/2013 15:30	Gasoline-range organics	240	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW97	1255903.379	245357.9307	4/4/2014 11:10	Gasoline-range organics	100	U	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	5/10/2013 13:55	Gasoline-range organics	170	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	11/4/2013 12:31	Gasoline-range organics	140	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	4/4/2014 13:10	Gasoline-range organics	140	CN	µg/L	800	Perched WBZ	No	No
ASKOBNSF	01MW98	1255866.286	245395.5794	5/14/2019 12:02	Gasoline-range organics	370		µg/L	800	Perched WBZ	No	No
Bulk Terminal	01MW99	1256477.15	245145.81	4/17/2015 13:53	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW99	1256477.15	245145.81	5/19/2015 11:25	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
Bulk Terminal	01MW99	1256477.15	245145.81	5/10/2016 11:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	11/25/2008 10:38	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	4/1/2014 15:07	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	5/26/2015 12:35	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	5/18/2016 14:43	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	4/26/2006 10:35	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	8/17/2006 10:55	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	12/13/2006 9:59	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	5/16/2016 13:57	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/26/2006 9:25	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	8/17/2006 12:10	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	12/13/2006 9:50	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/3/2012 16:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	10/9/2012 11:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/1/2013 11:46	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	11/1/2013 10:58	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/2/2014 10:07	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/27/2015 12:07	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/16/2016 14:52	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/25/2006 11:15	Gasoline-range organics	720	CN	µg/L	800	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	12/14/2006 12:10	Gasoline-range organics	390	J	µg/L	800	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/3/2012 12:30	Gasoline-range organics	1100		µg/L	800	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	10/10/2012 11:01	Gasoline-range organics	750		µg/L	800	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/1/2013 15:11	Gasoline-range organics	810		µg/L	800	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	10/31/2013 14:05	Gasoline-range organics	760		µg/L	800	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	4/3/2014 14:15	Gasoline-range organics	960		µg/L	800	Perched WBZ	Yes	No
ASKO	MW03	1255806.658	245528.2648	5/26/2015 12:20	Gasoline-range organics	790		µg/L	800	Perched WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	5/16/2016 14:35	Gasoline-range organics	580		µg/L	800	Perched WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/25/2006 12:15	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	8/17/2006 13:55	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	12/13/2006 12:07	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/3/2012 14:01	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	10/10/2012 11:50	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/2/2013 10:14	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	10/31/2013 15:10	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/2/2014 11:55	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	5/26/2015 14:10	Gasoline-range organics	270	CN	µg/L	800	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	5/17/2016 12:05	Gasoline-range organics	270	CN	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/25/2006 13:15	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	8/17/2006 14:50	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	12/13/2006 11:15	Gasoline-range organics	100		µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/3/2012 14:49	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	10/10/2012 13:47	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/2/2013 11:07	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	11/1/2013 10:04	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/2/2014 11:05	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	5/28/2015 11:15	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	5/17/2016 14:00	Gasoline-range organics	130	CN	µg/L	800	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	5/3/2019 10:08	Gasoline-range organics	140		µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/25/2006 14:25	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	8/17/2006 13:45	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	12/13/2006 11:14	Gasoline-range organics	50	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/3/2012 11:32	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	10/9/2012 14:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/1/2013 14:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	11/1/2013 13:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/2/2014 12:45	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	5/26/2015 11:20	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	5/17/2016 12:47	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	6/9/2016 11:08	Gasoline-range organics	100	U	µg/L	800	Shallow WBZ	No	No

Qualifier - Definition
CN - Chromatogram note
J - Analyte was detected; concentration is considered to be an estimate.
JQ - The analyte was detected between the reporting limit and method detection limit and is considered to be an estimate.
U - Analyte was not detected at the given reporting limit.
UJ - Analyte was not detected at the given reporting limit, which is considered to be an estimate.

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW01	1256198.546	245455.4592	6/21/2006 12:25	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW01	1256198.546	245455.4592	7/24/2013 9:32	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW01	1256198.546	245455.4592	1/31/2013 13:05	Total DRO & ORO	890		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/30/2013 13:03	Total DRO & ORO	850		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/28/2014 14:50	Total DRO & ORO	590		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/8/2013 10:25	Total DRO & ORO	590		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	12/12/2006 14:58	Total DRO & ORO	570		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/9/2014 14:00	Total DRO & ORO	570		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/21/2014 12:50	Total DRO & ORO	560		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/25/2005 13:00	Total DRO & ORO	540	U	µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW01	1256198.546	245455.4592	1/21/2015 14:48	Total DRO & ORO	330		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	5/20/2015 12:10	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/30/2019 11:50	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	10/15/2012 14:21	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	9/2/2015 11:23	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	7/1/2014 16:40	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	5/12/2016 14:49	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	4/9/2012 15:18	Total DRO & ORO	140		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW01	1256198.546	245455.4592	12/12/2011 12:40	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW02	1256198.832	245585.8912	10/31/2013	Total DRO & ORO	6200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	10/15/2012 10:13	Total DRO & ORO	5700		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	12/8/2011 14:45	Total DRO & ORO	4900		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	5/21/2015 13:25	Total DRO & ORO	3600		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	5/19/2016 12:07	Total DRO & ORO	3200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	4/8/2013 10:30	Total DRO & ORO	2500		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	7/26/2005 12:00	Total DRO & ORO	2200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	4/9/2012 13:39	Total DRO & ORO	1900		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	4/7/2014 15:30	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW02	1256198.832	245585.8912	5/1/2019 15:06	Total DRO & ORO	740		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW02	1256198.832	245585.8912	10/25/2005 16:15	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW03	1256160.726	245598.3679	12/12/2006 15:01	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW03	1256160.726	245598.3679	6/21/2006 10:53	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW03	1256160.726	245598.3679	7/26/2005 11:30	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW03	1256160.726	245598.3679	10/25/2005 16:10	Total DRO & ORO	680		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW03	1256160.726	245598.3679	5/19/2016 10:55	Total DRO & ORO	620		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW03	1256160.726	245598.3679	5/1/2019 14:54	Total DRO & ORO	440		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW03	1256160.726	245598.3679	5/1/2019 14:57	Total DRO & ORO	440		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	7/2/2014 16:45	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW04	1256164.935	245564.7852	6/21/2006 12:00	Total DRO & ORO	950		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/25/2005 17:00	Total DRO & ORO	600	U	µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/12/2012 14:49	Total DRO & ORO	300		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	7/22/2013 11:08	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	12/13/2006 15:05	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/27/2014 14:30	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/8/2014 11:10	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/22/2015 15:35	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	1/30/2013 14:56	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/3/2013 15:30	Total DRO & ORO	86		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	5/21/2015 11:15	Total DRO & ORO	83		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	10/20/2014 12:30	Total DRO & ORO	77		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	5/13/2016 14:08	Total DRO & ORO	67		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	4/5/2012 11:58	Total DRO & ORO	62		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW04	1256164.935	245564.7852	9/1/2015 13:25	Total DRO & ORO	60		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/4/2014 15:15	Total DRO & ORO	2000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW06	1256065.296	245453.2068	6/20/2006 13:45	Total DRO & ORO	940		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/25/2005 9:15	Total DRO & ORO	500	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/30/2019 14:53	Total DRO & ORO	490		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/21/2015 12:44	Total DRO & ORO	420		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/5/2012 11:10	Total DRO & ORO	350		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	5/13/2016 11:23	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/29/2013 15:46	Total DRO & ORO	210		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	12/12/2006 14:15	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	4/3/2013 15:10	Total DRO & ORO	99		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW06	1256065.296	245453.2068	10/12/2012 14:20	Total DRO & ORO	55		µg/L	500	Shallow WBZ	No	No
ASKO	01MW07	1255976.191	245571.165	6/20/2006 14:50	Total DRO & ORO	2100		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	12/12/2006 10:45	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/19/2016 13:30	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW07	1255976.191	245571.165	5/27/2015 11:52	Total DRO & ORO	970		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	4/2/2013 14:00	Total DRO & ORO	860		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	11/5/2013 13:25	Total DRO & ORO	850		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	5/2/2019 16:40	Total DRO & ORO	820		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	4/3/2014 14:40	Total DRO & ORO	740		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	10/10/2012 11:32	Total DRO & ORO	700		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	4/3/2012 15:07	Total DRO & ORO	510		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW07	1255976.191	245571.165	10/24/2005 16:10	Total DRO & ORO	500	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	6/20/2006 14:43	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW08	1256073.352	245570.6077	10/25/2005 9:00	Total DRO & ORO	480	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	7/26/2005 13:25	Total DRO & ORO	420		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW08	1256073.352	245570.6077	5/13/2016 12:40	Total DRO & ORO	360		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW09	1256105.297	245601.9696	7/26/2005 10:42	Total DRO & ORO	21000		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW09	1256105.297	245601.9696	7/26/2005 9:30	Total DRO & ORO	5100		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW09	1256105.297	245601.9696	10/25/2005 14:00	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW09	1256105.297	245601.9696	5/19/2016 11:18	Total DRO & ORO	690		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW09	1256105.297	245601.9696	10/25/2005 14:15	Total DRO & ORO	620		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW100	1256518.34	245144.56	4/17/2015 15:05	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/10/2016 12:12	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/19/2015 10:25	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW100	1256518.34	245144.56	5/1/2019 16:05	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW101	1256258.447	245623.1098	5/6/2019 11:26	Total DRO & ORO	410		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW102	1256179.464	245639.2164	5/6/2019 11:27	Total DRO & ORO	350	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW104	1256184.38	245638.7785	5/3/2019 16:15	Total DRO & ORO	120		µg/L	500	Intermediate WBZ	No	No
Bulk Terminal	01MW105	1256459.164	245454.8225	5/6/2019 11:30	Total DRO & ORO	11000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW105	1256459.164	245454.8225	5/6/2019 12:30	Total DRO & ORO	8200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW11	1256369.074	245545.6336	7/26/2005 14:00	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW11	1256369.074	245545.6336	12/13/2006 14:14	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW11	1256369.074	245545.6336	6/21/2006 11:20	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW11	1256369.074	245545.6336	4/3/2013 14:55	Total DRO & ORO	860		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW11	1256369.074	245545.6336	5/21/2015 12:00	Total DRO & ORO	830		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW11	1256369.074	245545.6336	4/9/2012 11:35	Total DRO & ORO	740		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW11	1256369.074	245545.6336	4/8/2014 10:05	Total DRO & ORO	570		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW11	1256369.074	245545.6336	5/13/2016 14:08	Total DRO & ORO	550		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW11	1256369.074	245545.6336	10/24/2005 16:30	Total DRO & ORO	500	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW11	1256369.074	245545.6336	10/11/2012 15:02	Total DRO & ORO	400		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW11	1256369.074	245545.6336	5/1/2019 14:45	Total DRO & ORO	360		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW11	1256369.074	245545.6336	10/31/2013 10:20	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW12	1256316.664	245445.5747	7/26/2005 15:50	Total DRO & ORO	8400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	6/21/2006 15:15	Total DRO & ORO	8300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	4/8/2014 10:35	Total DRO & ORO	6400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	5/19/2015 13:35	Total DRO & ORO	6400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	12/13/2006 11:34	Total DRO & ORO	6100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	5/20/2015 10:56	Total DRO & ORO	4700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	10/29/2013 14:50	Total DRO & ORO	4400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	5/11/2016 12:55	Total DRO & ORO	2500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW12	1256316.664	245445.5747	4/30/2019 15:15	Total DRO & ORO	590		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW12	1256316.664	245445.5747	10/25/2005 11:00	Total DRO & ORO	500	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	6/21/2006 15:10	Total DRO & ORO	5900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	7/26/2005 15:26	Total DRO & ORO	5900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	5/19/2015 14:45	Total DRO & ORO	3500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	10/15/2012 14:06	Total DRO & ORO	3300		µg/L	500	Shallow WBZ	Yes	Yes

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW13	1256313.565	245317.692	5/11/2016 13:05	Total DRO & ORO	2600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	4/11/2012 10:48	Total DRO & ORO	2200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	5/1/2019 16:35	Total DRO & ORO	2200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	12/12/2006 13:59	Total DRO & ORO	2100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW13	1256313.565	245317.692	10/31/2013 11:24	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/8/2013 12:18	Total DRO & ORO	820		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	4/8/2014 13:05	Total DRO & ORO	590		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW13	1256313.565	245317.692	10/24/2005 15:20	Total DRO & ORO	490	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW13	1256313.565	245317.692	1/7/2011 9:37	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	6/20/2006 13:40	Total DRO & ORO	630		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	10/25/2005 10:00	Total DRO & ORO	540	U	µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW15	1255996.886	245441.8874	4/4/2014 13:03	Total DRO & ORO	330		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	11/1/2013 14:09	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/27/2015 14:35	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	4/3/2013 13:00	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	4/4/2012 12:24	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	12/12/2006 12:15	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/2/2019 13:40	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	5/13/2016 13:30	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
ASKO	01MW15	1255996.886	245441.8874	10/11/2012 10:50	Total DRO & ORO	210		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/8/2014 10:00	Total DRO & ORO	500		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	6/21/2006 14:19	Total DRO & ORO	500		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	7/26/2005 14:55	Total DRO & ORO	490		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/29/2013 11:27	Total DRO & ORO	490		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/24/2005 14:30	Total DRO & ORO	490	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	5/19/2015 12:35	Total DRO & ORO	430		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	10/12/2012 11:13	Total DRO & ORO	360		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	5/10/2016 13:41	Total DRO & ORO	330		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	12/12/2006 11:03	Total DRO & ORO	310		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/4/2013 10:38	Total DRO & ORO	280		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW17	1256477.214	245167.4524	4/9/2012 11:13	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW18	1256116.234	245578.4666	5/16/2016 13:00	Total DRO & ORO	2500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	12/13/2006 13:46	Total DRO & ORO	2300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	6/20/2006 15:40	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW18	1256116.234	245578.4666	10/25/2005 15:30	Total DRO & ORO	850		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW19	1256100.858	245573.3323	12/13/2006 16:42	Total DRO & ORO	4300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/4/2013 12:18	Total DRO & ORO	3300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	5/16/2016 14:50	Total DRO & ORO	3200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	5/21/2015 14:25	Total DRO & ORO	3100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/31/2013 14:15	Total DRO & ORO	2900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/9/2012 14:42	Total DRO & ORO	2900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/7/2014 11:35	Total DRO & ORO	2600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	6/20/2006 15:40	Total DRO & ORO	2500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/15/2012 11:34	Total DRO & ORO	2400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	4/30/2019 14:29	Total DRO & ORO	1900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW19	1256100.858	245573.3323	10/25/2005 15:20	Total DRO & ORO	480		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW20	1256109.272	245547.1964	12/13/2006 16:40	Total DRO & ORO	900		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW20	1256109.272	245547.1964	6/20/2006 16:35	Total DRO & ORO	770		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW20	1256109.272	245547.1964	5/16/2016 12:37	Total DRO & ORO	600		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW20	1256109.272	245547.1964	10/25/2005 14:00	Total DRO & ORO	540	U	µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	6/21/2006 14:25	Total DRO & ORO	12000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW21	1256258.346	245384.2315	4/12/2011 9:12	Total DRO & ORO	7200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW21	1256258.346	245384.2315	12/13/2006 12:20	Total DRO & ORO	6600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW21	1256258.346	245384.2315	10/25/2005 10:15	Total DRO & ORO	570		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW21	1256258.346	245384.2315	1/7/2011 13:51	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW24	1256245.927	245494.565	4/30/2019 11:45	Total DRO & ORO	9400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	12/12/2006 15:39	Total DRO & ORO	3300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	7/26/2005 14:25	Total DRO & ORO	2500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	6/21/2006 13:25	Total DRO & ORO	2200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW26	1256216.466	245452.9036	10/25/2005 11:00	Total DRO & ORO	550	U	µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW27	1256213.777	245479.818	6/21/2006 12:50	Total DRO & ORO	4600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	12/12/2006 16:34	Total DRO & ORO	4500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/16/2012 15:10	Total DRO & ORO	3800		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/16/2012 16:00	Total DRO & ORO	3100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 12:57	Total DRO & ORO	2500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 11:27	Total DRO & ORO	2400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	7/2/2014 15:07	Total DRO & ORO	2000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	5/20/2015 14:45	Total DRO & ORO	1900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/10/2012 16:02	Total DRO & ORO	1900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	5/20/2015 15:15	Total DRO & ORO	1900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	4/10/2012 16:16	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	7/24/2013 10:30	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	12/20/2011 11:10	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	5/17/2016 13:44	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	12/20/2011 12:00	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	7/2/2014 14:47	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	7/24/2013 9:50	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	5/17/2016 13:14	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW27	1256213.777	245479.818	10/25/2005 13:00	Total DRO & ORO	500	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/14/2011 16:05	Total DRO & ORO	360		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/14/2011 16:20	Total DRO & ORO	330		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	9/1/2015 14:03	Total DRO & ORO	300		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	9/1/2015 14:33	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/31/2013 10:20	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/21/2014 12:30	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/21/2014 13:10	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/22/2015 11:32	Total DRO & ORO	210		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/29/2014 13:30	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/29/2014 12:44	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/8/2014 13:00	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/31/2013 10:19	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	1/22/2015 12:05	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/8/2014 13:30	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/9/2013 10:45	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/9/2013 12:00	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	10/30/2013 14:18	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW27	1256213.777	245479.818	4/30/2019 13:05	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	6/21/2006 16:35	Total DRO & ORO	910		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW30	1256046.105	245590.1133	12/12/2006 12:46	Total DRO & ORO	600		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW30	1256046.105	245590.1133	4/8/2014 11:40	Total DRO & ORO	530		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW30	1256046.105	245590.1133	5/13/2016 10:45	Total DRO & ORO	410		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	4/5/2012 12:57	Total DRO & ORO	340		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	4/4/2013 9:53	Total DRO & ORO	310		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	5/21/2015 10:30	Total DRO & ORO	300		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	1/11/2011 14:30	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	10/30/2013 14:45	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW30	1256046.105	245590.1133	10/12/2012 11:54	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	7/13/2006 11:20	Total DRO & ORO	510	U	µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW32	1256214.724	245635.0407	10/29/2013 12:40	Total DRO & ORO	280	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	5/22/2015 9:55	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	4/7/2014 11:40	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	4/3/2013 13:06	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	4/6/2012 11:40	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	10/11/2012 12:30	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	1/11/2011 13:15	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	5/13/2016 13:05	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW32	1256214.724	245635.0407	12/13/2006 14:34	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW33	1256295.573	245566.0559	12/12/2006 15:21	Total DRO & ORO	2700		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW33	1256295.573	245566.0559	7/13/2006 10:15	Total DRO & ORO	1800		µg/L	500	Shallow WBZ	Yes	Yes

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
West Commodore Way	01MW34	1256349.486	245587.4006	4/3/2014 13:10	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW34	1256349.486	245587.4006	12/22/2006 11:59	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW34	1256349.486	245587.4006	5/1/2019 13:05	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW34	1256349.486	245587.4006	4/10/2012 11:40	Total DRO & ORO	83		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW34	1256349.486	245587.4006	4/10/2013 13:55	Total DRO & ORO	70		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW35	1256291.355	245613.8439	12/13/2006 15:25	Total DRO & ORO	1600		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW35	1256291.355	245613.8439	5/1/2019 13:35	Total DRO & ORO	550		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW36	1256323.335	245604.7694	12/13/2006 16:13	Total DRO & ORO	610		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW36	1256323.335	245604.7694	4/7/2014 14:45	Total DRO & ORO	450		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW36	1256323.335	245604.7694	5/19/2016 11:41	Total DRO & ORO	440		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW36	1256323.335	245604.7694	4/3/2013 10:47	Total DRO & ORO	340		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW36	1256323.335	245604.7694	4/6/2012 14:45	Total DRO & ORO	280		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW36	1256323.335	245604.7694	5/1/2019 13:30	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	12/12/2006 13:28	Total DRO & ORO	900		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/30/2019 14:15	Total DRO & ORO	600		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW37	1256460.684	245345.9255	5/19/2015 13:40	Total DRO & ORO	490		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/8/2014 11:00	Total DRO & ORO	480		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	9/27/2006 15:00	Total DRO & ORO	470	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	5/10/2016 14:15	Total DRO & ORO	380		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/4/2013 11:48	Total DRO & ORO	360		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	10/12/2012 12:37	Total DRO & ORO	340		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	10/29/2013 12:52	Total DRO & ORO	300		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW37	1256460.684	245345.9255	4/9/2012 15:37	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW38	1256387.197	245312.7539	12/12/2006 12:44	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW38	1256387.197	245312.7539	4/30/2019 15:36	Total DRO & ORO	930		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW38	1256387.197	245312.7539	5/10/2016 15:07	Total DRO & ORO	930		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW38	1256387.197	245312.7539	9/27/2006 13:50	Total DRO & ORO	480	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	4/30/2019 17:05	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW39	1256213.311	245244.5565	9/27/2006 11:25	Total DRO & ORO	470	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	5/10/2016 15:22	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW39	1256213.311	245244.5565	12/12/2006 12:02	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/8/2014 11:33	Total DRO & ORO	3000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW40	1256228.422	245347.1251	5/19/2015 11:25	Total DRO & ORO	2600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW40	1256228.422	245347.1251	5/12/2016 11:00	Total DRO & ORO	2400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW40	1256228.422	245347.1251	10/30/2013 14:57	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW40	1256228.422	245347.1251	4/4/2013 13:20	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW40	1256228.422	245347.1251	4/30/2019 17:10	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	4/9/2012 14:30	Total DRO & ORO	960		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	12/12/2006 16:40	Total DRO & ORO	780		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW40	1256228.422	245347.1251	10/12/2012 15:52	Total DRO & ORO	500		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW40	1256228.422	245347.1251	9/27/2006 12:35	Total DRO & ORO	480	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW41	1256288.875	245453.6516	4/12/2011 14:20	Total DRO & ORO	20000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	12/20/2011 13:46	Total DRO & ORO	7700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	1/10/2011 12:15	Total DRO & ORO	6700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	4/10/2012 16:11	Total DRO & ORO	6000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	12/13/2006 10:56	Total DRO & ORO	4500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	7/11/2012 9:31	Total DRO & ORO	3700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW41	1256288.875	245453.6516	9/27/2006 15:00	Total DRO & ORO	480	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	12/12/2006 15:17	Total DRO & ORO	3100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW42	1256365.694	245485.9281	4/30/2019 13:45	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW42	1256365.694	245485.9281	4/30/2019 15:45	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW42	1256365.694	245485.9281	5/11/2016 12:04	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW42	1256365.694	245485.9281	5/28/2015	Total DRO & ORO	810		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW42	1256365.694	245485.9281	9/27/2006 16:00	Total DRO & ORO	480	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	10/15/2012 10:52	Total DRO & ORO	350		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/10/2012 12:28	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	10/29/2013 13:00	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/4/2013 12:55	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW42	1256365.694	245485.9281	4/8/2014 9:40	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW43	1256296.724	245528.4723	9/27/2006 16:15	Total DRO & ORO	630		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW43	1256296.724	245528.4723	9/27/2006 16:15	Total DRO & ORO	560		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	5/18/2016 12:45	Total DRO & ORO	770		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	9/27/2006 10:55	Total DRO & ORO	510	U	µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	4/7/2014 11:33	Total DRO & ORO	510		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW44	1255957.353	245480.3874	4/4/2012 15:06	Total DRO & ORO	380		µg/L	500	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	5/27/2015 13:10	Total DRO & ORO	370		µg/L	500	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	10/11/2012 12:25	Total DRO & ORO	340		µg/L	500	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	11/4/2013 12:15	Total DRO & ORO	320		µg/L	500	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	4/3/2013 13:20	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	01MW44	1255957.353	245480.3874	5/2/2019 14:35	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	5/18/2016 11:05	Total DRO & ORO	1600		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW45	1255982.964	245547.291	5/2/2019 15:35	Total DRO & ORO	850		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	5/27/2015 12:05	Total DRO & ORO	650		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	4/7/2014 10:20	Total DRO & ORO	580		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	10/11/2012 13:38	Total DRO & ORO	540		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	9/27/2006 13:41	Total DRO & ORO	520	U	µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	9/27/2006 13:41	Total DRO & ORO	510	U	µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW45	1255982.964	245547.291	4/4/2012 14:05	Total DRO & ORO	500		µg/L	500	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	11/5/2013 14:05	Total DRO & ORO	430		µg/L	500	Shallow WBZ	No	No
ASKO	01MW45	1255982.964	245547.291	4/3/2013 11:40	Total DRO & ORO	380		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	9/27/2006 12:15	Total DRO & ORO	510	U	µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW46	1255896.632	245527.326	4/4/2014 10:08	Total DRO & ORO	430		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	5/17/2016 15:15	Total DRO & ORO	420		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	5/2/2019 15:34	Total DRO & ORO	280		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	5/27/2015 14:30	Total DRO & ORO	270		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	6/9/2016 12:19	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	11/1/2013 11:12	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	10/11/2012 10:22	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	4/4/2012 10:59	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
ASKO	01MW46	1255896.632	245527.326	4/3/2013 11:40	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW47	1256102.21	245617.9836	12/22/2006 14:35	Total DRO & ORO	3300		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW47	1256102.21	245617.9836	5/26/2016 12:11	Total DRO & ORO	2800		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW48	1256198.778	245610.0044	12/22/2006 15:27	Total DRO & ORO	6000		µg/L	500	Intermediate WBZ	Yes	Yes
West Commodore Way	01MW48	1256198.778	245610.0044	5/26/2016 12:09	Total DRO & ORO	970		µg/L	500	Intermediate WBZ	Yes	No
West Commodore Way	01MW48	1256198.778	245610.0044	5/1/2019 10:55	Total DRO & ORO	660		µg/L	500	Intermediate WBZ	Yes	No
West Commodore Way	01MW49	1256270.197	245595.3421	12/22/2006 12:48	Total DRO & ORO	2600		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW49	1256270.197	245595.3421	4/3/2014 10:50	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW49	1256270.197	245595.3421	5/1/2019 11:52	Total DRO & ORO	850		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW49	1256270.197	245595.3421	6/17/2015 10:50	Total DRO & ORO	380		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW49	1256270.197	245595.3421	10/30/2013 10:43	Total DRO & ORO	210		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW49	1256270.197	245595.3421	4/10/2013 12:33	Total DRO & ORO	170		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW49	1256270.197	245595.3421	5/26/2016 11:50	Total DRO & ORO	77		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	12/22/2006 13:47	Total DRO & ORO	550		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW50	1256052.698	245613.705	4/3/2014 11:05	Total DRO & ORO	430		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	4/10/2012 9:46	Total DRO & ORO	390		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	5/1/2019 10:25	Total DRO & ORO	390		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	10/16/2012 11:11	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	10/30/2013 10:23	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	6/17/2015 9:47	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	5/26/2016 10:35	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW50	1256052.698	245613.705	4/10/2013 13:25	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW51	1256144.731	245611.3969	5/26/2016 13:10	Total DRO & ORO	1800		µg/L	500	Intermediate WBZ	Yes	Yes
West Commodore Way	01MW51	1256144.731	245611.3969	12/22/2006 16:10	Total DRO & ORO	370		µg/L	500	Intermediate WBZ	No	No
West Commodore Way	01MW52	1255973.936	245618.0138	5/26/2016 14:20	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW53	1255901.892	245616.925	5/26/2016 14:35	Total DRO & ORO	520		µg/L	500	Shallow WBZ	Yes	No
West Commodore Way	01MW53	1255901.892	245616.925	12/7/2007 11:35	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW53	1255901.892	245616.925	5/2/2019 15:35	Total DRO & ORO	94		µg/L	500	Shallow WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/1/2013 12:12	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	10/9/2012 11:02	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
ASKO	01MW54	1255960.969	245481.2973	11/26/2008 9:20	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	11/1/2013 10:30	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/3/2012 11:50	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/12/2016 10:30	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	5/29/2015 11:00	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW54	1255960.969	245481.2973	4/2/2014 12:00	Total DRO & ORO	140		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW55	1255963.368	245456.9782	5/18/2016 14:45	Total DRO & ORO	2000		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/7/2014 13:00	Total DRO & ORO	1600		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	5/28/2015 12:10	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	11/25/2008 11:59	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	11/4/2013 11:45	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/4/2012 11:39	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW55	1255963.368	245456.9782	4/3/2013 10:33	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	5/2/2019 13:05	Total DRO & ORO	920		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW55	1255963.368	245456.9782	10/11/2012 15:45	Total DRO & ORO	610		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/4/2014 10:53	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	5/19/2016 13:13	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	5/27/2015 13:32	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW56	1255932.013	245577.676	4/2/2013 12:15	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	10/10/2012 13:33	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/2/2019 14:50	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	4/3/2012 16:04	Total DRO & ORO	970		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	5/2/2019 17:00	Total DRO & ORO	920		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	11/1/2013 14:43	Total DRO & ORO	860		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW56	1255932.013	245577.676	11/25/2008 14:16	Total DRO & ORO	400		µg/L	500	Shallow WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	11/25/2008 15:41	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/1/2013 12:44	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	10/31/2013 12:10	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	5/16/2016 11:45	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	5/26/2015 10:24	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/2/2014 10:10	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	4/3/2012 12:30	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW57	1255850.997	245551.8624	10/9/2012 13:18	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/2/2013 11:00	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/3/2014 15:25	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	11/25/2008 17:00	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	4/4/2012 10:18	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	10/10/2012 10:10	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	5/2/2019 13:45	Total DRO & ORO	100		µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	5/16/2016 13:15	Total DRO & ORO	98		µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	5/27/2015 10:43	Total DRO & ORO	96		µg/L	500	Shallow WBZ	No	No
ASKO	01MW58	1255836.755	245479.925	10/31/2013 10:50	Total DRO & ORO	89		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW59	1256070.393	245507.691	5/16/2016 11:31	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW59	1256070.393	245507.691	5/21/2015 14:04	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW59	1256070.393	245507.691	4/9/2012 10:39	Total DRO & ORO	1400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW59	1256070.393	245507.691	4/4/2014 15:10	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW59	1256070.393	245507.691	4/3/2013 15:10	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW59	1256070.393	245507.691	11/25/2008 13:17	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	4/30/2019 14:55	Total DRO & ORO	860		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	11/5/2013 12:05	Total DRO & ORO	570		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW59	1256070.393	245507.691	10/12/2012 15:05	Total DRO & ORO	420		µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	11/4/2013 15:40	Total DRO & ORO	300	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/12/2016 14:38	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/28/2015 12:00	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	5/2/2019 14:26	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/4/2012 10:55	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	10/10/2012 13:40	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/2/2013 13:46	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
ASKO	01MW60	1255949.81	245372.301	4/3/2014 10:45	Total DRO & ORO	68		µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	11/5/2013 10:53	Total DRO & ORO	280	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	10/9/2012 15:04	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/3/2012 16:58	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/2/2013 10:52	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	4/9/2014	Total DRO & ORO	75		µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	5/28/2015 10:47	Total DRO & ORO	58		µg/L	500	Shallow WBZ	No	No
ASKO	01MW61	1256004.415	245342.8037	5/13/2016 10:54	Total DRO & ORO	56		µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	11/5/2013 11:55	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/4/2012 15:48	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/3/2014 12:25	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	4/2/2013 15:30	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/2/2019 10:58	Total DRO & ORO	100		µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/28/2015 13:28	Total DRO & ORO	88		µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	10/11/2012 10:09	Total DRO & ORO	57		µg/L	500	Shallow WBZ	No	No
ASKO	01MW62	1255917.14	245383.818	5/13/2016 12:46	Total DRO & ORO	53		µg/L	500	Shallow WBZ	No	No
ASKO	01MW63	1255965.916	245438.418	4/7/2014 14:40	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/7/2014 14:00	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	10/11/2012 14:40	Total DRO & ORO	1600		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/18/2016 14:48	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/28/2015 9:35	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	10/11/2012 14:15	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/4/2012 13:56	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/4/2012 13:30	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	5/2/2019 11:10	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/3/2013 12:30	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	4/3/2013 11:26	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
ASKO	01MW63	1255965.916	245438.418	11/4/2013 16:00	Total DRO & ORO	1000		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW63	1255965.916	245438.418	11/4/2013 15:15	Total DRO & ORO	860		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW64	1255868.572	245419.0873	4/10/2014 11:20	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	4/2/2013 12:20	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/2/2019 15:55	Total DRO & ORO	100		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/12/2016 13:36	Total DRO & ORO	100		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	11/1/2013 13:45	Total DRO & ORO	91		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	10/10/2012 11:42	Total DRO & ORO	88		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	5/29/2015 13:50	Total DRO & ORO	82		µg/L	500	Shallow WBZ	No	No
ASKO	01MW64	1255868.572	245419.0873	4/4/2012 13:55	Total DRO & ORO	50		µg/L	500	Shallow WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	11/1/2013 11:10	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	10/9/2012 12:14	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/1/2013 14:15	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/3/2012 14:02	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/12/2016 11:10	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	5/29/2015 8:50	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
ASKO	01MW65	1255960.026	245458.6813	4/2/2014 13:05	Total DRO & ORO	250	U	µg/L	500	Deep WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/28/2013 15:58	Total DRO & ORO	2200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW66	1256188.076	245431.3828	4/8/2013 12:15	Total DRO & ORO	510		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW66	1256188.076	245431.3828	3/2/2015 14:55	Total DRO & ORO	480		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/21/2015 14:30	Total DRO & ORO	470		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/8/2014 13:30	Total DRO & ORO	420		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	5/20/2015 13:15	Total DRO & ORO	360		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	5/12/2016 12:00	Total DRO & ORO	270		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/16/2012 12:30	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/30/2019 11:42	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	1/28/2014 11:40	Total DRO & ORO	210		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/20/2014 13:45	Total DRO & ORO	160		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	7/23/2013 9:41	Total DRO & ORO	150		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	10/30/2013 10:35	Total DRO & ORO	150		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	7/1/2014 12:22	Total DRO & ORO	150		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	9/2/2015 10:57	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	4/5/2012 13:46	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW66	1256188.076	245431.3828	12/12/2011 11:13	Total DRO & ORO	61		µg/L	500	Shallow WBZ	No	No

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
Bulk Terminal	01MW67	1256184.972	245466.3028	5/12/2016 10:59	Total DRO & ORO	250	U	µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/4/2013 12:35	Total DRO & ORO	250	U	µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/5/2012 11:15	Total DRO & ORO	240		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/30/2019 11:58	Total DRO & ORO	190		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	4/9/2014 10:33	Total DRO & ORO	160		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	5/20/2015 9:45	Total DRO & ORO	150		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/29/2013 13:25	Total DRO & ORO	140		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/22/2015 11:40	Total DRO & ORO	140		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	7/23/2013 11:23	Total DRO & ORO	120		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/12/2012 12:00	Total DRO & ORO	110		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/29/2013 11:25	Total DRO & ORO	110		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	9/2/2015 12:05	Total DRO & ORO	110		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	1/28/2014 11:42	Total DRO & ORO	86		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	10/21/2014 10:00	Total DRO & ORO	81		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW67	1256184.972	245466.3028	7/2/2014 15:15	Total DRO & ORO	71		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/4/2013 14:25	Total DRO & ORO	1100		µg/L	500	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	7/23/2013 13:24	Total DRO & ORO	1100		µg/L	500	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	4/9/2014 12:02	Total DRO & ORO	1100		µg/L	500	Angled Shallow WBZ	Yes	Yes
Bulk Terminal	01MW69	1256185.719	245487.2367	5/20/2015 10:45	Total DRO & ORO	840		µg/L	500	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	5/17/2016 11:27	Total DRO & ORO	800		µg/L	500	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/28/2014 14:10	Total DRO & ORO	760		µg/L	500	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/22/2015 12:55	Total DRO & ORO	760		µg/L	500	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	1/29/2013 13:18	Total DRO & ORO	600		µg/L	500	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	10/21/2014 11:07	Total DRO & ORO	580		µg/L	500	Angled Shallow WBZ	Yes	No
Bulk Terminal	01MW69	1256185.719	245487.2367	9/2/2015 9:50	Total DRO & ORO	430		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	7/1/2014 13:40	Total DRO & ORO	430		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	4/10/2012 12:02	Total DRO & ORO	360		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	10/12/2012 14:35	Total DRO & ORO	270		µg/L	500	Angled Shallow WBZ	No	No
Bulk Terminal	01MW69	1256185.719	245487.2367	12/12/2011 14:15	Total DRO & ORO	240		µg/L	500	Angled Shallow WBZ	No	No
ASKO	01MW70	1255893.427	245401.9949	5/18/2016 12:58	Total DRO & ORO	2700		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/3/2012 16:52	Total DRO & ORO	2400		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/2/2013 13:50	Total DRO & ORO	2200		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/28/2015 12:42	Total DRO & ORO	2200		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	4/3/2014 16:00	Total DRO & ORO	2100		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	5/2/2019 11:20	Total DRO & ORO	2000		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	11/4/2013 15:10	Total DRO & ORO	1900		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW70	1255893.427	245401.9949	10/12/2012 12:38	Total DRO & ORO	1200		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/18/2016 13:40	Total DRO & ORO	4000		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	5/28/2015 14:12	Total DRO & ORO	3700		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/3/2014 15:05	Total DRO & ORO	3300		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/2/2013 14:44	Total DRO & ORO	2900		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	4/4/2012 10:33	Total DRO & ORO	2400		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	11/4/2013 16:20	Total DRO & ORO	2300		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW71	1255905.782	245392.5867	10/11/2012 11:45	Total DRO & ORO	1900		µg/L	500	Perched WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	4/11/2012 14:30	Total DRO & ORO	7400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	4/12/2011 11:45	Total DRO & ORO	7200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	12/20/2011 10:31	Total DRO & ORO	1600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW72	1256267.372	245339.9858	1/7/2011 10:58	Total DRO & ORO	890		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	10/16/2012 15:19	Total DRO & ORO	13000		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	4/12/2012 12:58	Total DRO & ORO	5900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	4/4/2013 14:59	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	9/1/2015 12:05	Total DRO & ORO	1300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	7/24/2013 9:23	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW74	1256325.492	245411.6302	10/31/2013 12:40	Total DRO & ORO	960		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/31/2013 14:25	Total DRO & ORO	860		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW74	1256325.492	245411.6302	7/1/2014 16:45	Total DRO & ORO	270		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/30/2019 15:50	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	5/12/2016 13:25	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	10/20/2014 11:50	Total DRO & ORO	220		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	4/9/2014 13:54	Total DRO & ORO	160		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/29/2014 14:30	Total DRO & ORO	85		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW74	1256325.492	245411.6302	1/21/2015 14:50	Total DRO & ORO	78		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/19/2015 12:20	Total DRO & ORO	3300		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW75	1256356.651	245361.7092	5/12/2016 11:51	Total DRO & ORO	2700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW75	1256356.651	245361.7092	4/4/2013 15:05	Total DRO & ORO	2400		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW75	1256356.651	245361.7092	4/10/2012 14:30	Total DRO & ORO	1900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW75	1256356.651	245361.7092	10/31/2013 10:42	Total DRO & ORO	1500		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW75	1256356.651	245361.7092	4/9/2014 12:20	Total DRO & ORO	1200		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW75	1256356.651	245361.7092	10/15/2012 10:20	Total DRO & ORO	960		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	5/1/2019 16:31	Total DRO & ORO	740		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW75	1256356.651	245361.7092	1/7/2011 11:33	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/3/2013 10:40	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/17/2016 16:20	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	3/7/2011 13:55	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/4/2012 11:40	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/3/2019 13:30	Total DRO & ORO	150		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	5/27/2015 11:20	Total DRO & ORO	110		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	4/4/2014 11:45	Total DRO & ORO	110		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	11/5/2013 13:05	Total DRO & ORO	57		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW76	1255978.228	245547.499	10/11/2012 11:53	Total DRO & ORO	52		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	11/1/2013 11:50	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	10/9/2012 12:51	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	3/7/2011 12:57	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/3/2012 15:05	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/29/2015 9:45	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/1/2013 14:58	Total DRO & ORO	79		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	4/2/2014 14:25	Total DRO & ORO	75		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW77	1255966.601	245455.6021	5/12/2016 12:25	Total DRO & ORO	55		µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	3/7/2011 11:42	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/13/2016 11:46	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	5/29/2015 12:15	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/3/2014 13:15	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/1/2013 16:09	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	4/4/2012 15:00	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	11/1/2013 14:45	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW78	1255913.408	245386.34	10/10/2012 16:45	Total DRO & ORO	250	U	µg/L	500	Intermediate WBZ	No	No
ASKO	01MW79	1255967.126	245441.612	4/4/2014 13:50	Total DRO & ORO	2600		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/13/2016 14:09	Total DRO & ORO	2500		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/28/2015 11:30	Total DRO & ORO	2100		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/2/2013 12:03	Total DRO & ORO	1900		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	10/10/2012 14:55	Total DRO & ORO	1800		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	5/2/2019 12:55	Total DRO & ORO	1800		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	11/4/2013 14:12	Total DRO & ORO	1700		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	4/3/2012 15:25	Total DRO & ORO	1600		µg/L	500	Perched WBZ	Yes	Yes
ASKO	01MW79	1255967.126	245441.612	3/7/2011 11:44	Total DRO & ORO	250	U	µg/L	500	Perched WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	5/17/2016 16:00	Total DRO & ORO	530		µg/L	500	Shallow WBZ	Yes	No
ASKO	01MW80	1255875.687	245567.7545	5/2/2019 16:35	Total DRO & ORO	380		µg/L	500	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	4/2/2014 13:36	Total DRO & ORO	350		µg/L	500	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	5/27/2015 14:42	Total DRO & ORO	330		µg/L	500	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	10/10/2012 14:50	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	11/1/2013 12:50	Total DRO & ORO	270		µg/L	500	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2013 10:30	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
ASKO	01MW80	1255875.687	245567.7545	4/3/2012 12:16	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW84	1256118.399	245649.143	5/1/2019 15:00	Total DRO & ORO	2800		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW84	1256118.399	245649.143	4/7/2014 12:45	Total DRO & ORO	2600		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW84	1256118.399	245649.143	10/29/2013 14:25	Total DRO & ORO	2300		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW84	1256118.399	245649.143	5/22/2015 10:00	Total DRO & ORO	1800		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW84	1256118.399	245649.143	4/3/2013 13:52	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW84	1256118.399	245649.143	5/19/2016 14:14	Total DRO & ORO	1700		µg/L	500	Shallow WBZ	Yes	Yes

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
West Commodore Way	01MW84	1256118.399	245649.143	10/11/2012 14:04	Total DRO & ORO	410		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW84	1256118.399	245649.143	4/6/2012 10:53	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	5/3/2019 11:55	Total DRO & ORO	450		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	5/17/2016 14:33	Total DRO & ORO	330		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	4/2/2014 14:32	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	11/1/2013 14:40	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	5/28/2015 10:27	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	10/9/2012 11:54	Total DRO & ORO	160		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	4/1/2013 13:30	Total DRO & ORO	140		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW85	1255842.524	245604.574	4/3/2012 10:42	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW86	1256215.03	245604.156	4/10/2013 10:06	Total DRO & ORO	7900		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	10/16/2012 10:04	Total DRO & ORO	6200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	1/30/2013 12:26	Total DRO & ORO	6200		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	4/10/2012 10:31	Total DRO & ORO	5300		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	4/3/2014 11:40	Total DRO & ORO	4600		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	10/30/2013 12:00	Total DRO & ORO	4400		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	5/26/2016 13:23	Total DRO & ORO	4400		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	5/1/2019 10:10	Total DRO & ORO	4100		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW86	1256215.03	245604.156	6/17/2015 10:55	Total DRO & ORO	4000		µg/L	500	Shallow WBZ	Yes	Yes
West Commodore Way	01MW87	1256308.361	245582.453	4/10/2013 10:15	Total DRO & ORO	350	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW87	1256308.361	245582.453	5/26/2016 13:17	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW87	1256308.361	245582.453	1/30/2013 10:50	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW87	1256308.361	245582.453	5/1/2019 11:30	Total DRO & ORO	110		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW87	1256308.361	245582.453	6/17/2015 11:30	Total DRO & ORO	100		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW87	1256308.361	245582.453	4/3/2014 12:10	Total DRO & ORO	73		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW87	1256308.361	245582.453	10/30/2013 11:50	Total DRO & ORO	52		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW88	1256316.027	245622.796	5/22/2015 8:48	Total DRO & ORO	280		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW88	1256316.027	245622.796	4/3/2013 11:35	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW88	1256316.027	245622.796	4/6/2012 12:56	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW88	1256316.027	245622.796	4/7/2014 13:20	Total DRO & ORO	150		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW88	1256316.027	245622.796	5/1/2019 13:20	Total DRO & ORO	140		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW88	1256316.027	245622.796	5/3/2019 16:00	Total DRO & ORO	56		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	5/16/2016 12:15	Total DRO & ORO	350		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	5/27/2015 13:17	Total DRO & ORO	310		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	4/1/2013 15:30	Total DRO & ORO	310		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	4/2/2014 11:10	Total DRO & ORO	300		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	10/9/2012 13:44	Total DRO & ORO	270		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	4/3/2012 13:08	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	11/5/2013 12:14	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
West Commodore Way	01MW89	1255966.372	245605.873	5/2/2019 16:48	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW90	1256261.678	245301.854	5/11/2016 14:42	Total DRO & ORO	5900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW90	1256261.678	245301.854	5/19/2015 10:53	Total DRO & ORO	3700		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW90	1256261.678	245301.854	5/20/2015 10:00	Total DRO & ORO	2900		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW90	1256261.678	245301.854	4/8/2014 11:55	Total DRO & ORO	2100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW90	1256261.678	245301.854	10/29/2013 11:55	Total DRO & ORO	1600		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW90	1256261.678	245301.854	2/2/2012 16:06	Total DRO & ORO	470		µg/L	500	Shallow WBZ	No	No
Bulk Terminal	01MW91	1256304.501	245333.0298	2/2/2012 17:06	Total DRO & ORO	260		µg/L	500	Shallow WBZ	No	No
BNSF	01MW92	1255896.93	245377.8	4/4/2014 12:05	Total DRO & ORO	7500		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW92	1255896.93	245377.8	5/14/2019 9:03	Total DRO & ORO	5900		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW92	1255896.93	245377.8	5/10/2013 13:03	Total DRO & ORO	4200		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW92	1255896.93	245377.8	9/5/2012 14:00	Total DRO & ORO	4200		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW92	1255896.93	245377.8	11/4/2013 14:28	Total DRO & ORO	3500		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW92	1255896.93	245377.8	8/23/2012 11:34	Total DRO & ORO	2900		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW93	1255899.8	245355.28	4/9/2014	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW93	1255899.8	245355.28	9/5/2012 16:05	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW93	1255899.8	245355.28	5/13/2013 9:45	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW93	1255899.8	245355.28	11/4/2013 13:05	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW93	1255899.8	245355.28	8/23/2012 12:59	Total DRO & ORO	62		µg/L	500	Shallow WBZ	No	No
BNSF	01MW93	1255899.8	245355.28	5/14/2019 9:25	Total DRO & ORO	54		µg/L	500	Shallow WBZ	No	No
BNSF	01MW94	1255853.66	245383.26	11/4/2013 11:27	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW94	1255853.66	245383.26	5/14/2019 10:30	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW94	1255853.66	245383.26	9/5/2012 15:10	Total DRO & ORO	120		µg/L	500	Shallow WBZ	No	No
BNSF	01MW94	1255853.66	245383.26	8/23/2012 15:21	Total DRO & ORO	89		µg/L	500	Shallow WBZ	No	No
BNSF	01MW94	1255853.66	245383.26	4/9/2014	Total DRO & ORO	71		µg/L	500	Shallow WBZ	No	No
BNSF	01MW94	1255853.66	245383.26	5/10/2013 10:59	Total DRO & ORO	56		µg/L	500	Shallow WBZ	No	No
BNSF	01MW95	1255935.88	245328.62	4/9/2014	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW95	1255935.88	245328.62	5/10/2013 14:50	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW95	1255935.88	245328.62	11/4/2013 14:30	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW95	1255935.88	245328.62	9/5/2012 16:58	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW95	1255935.88	245328.62	8/23/2012 14:15	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
BNSF	01MW96	1255926.837	245358.5419	5/14/2019 10:52	Total DRO & ORO	2600		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW96	1255926.837	245358.5419	5/10/2013 10:15	Total DRO & ORO	2400		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW96	1255926.837	245358.5419	4/4/2014 10:10	Total DRO & ORO	2200		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW96	1255926.837	245358.5419	5/10/2013 11:00	Total DRO & ORO	2100		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW96	1255926.837	245358.5419	11/4/2013 11:23	Total DRO & ORO	1600		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW97	1255903.379	245357.9307	5/10/2013 11:35	Total DRO & ORO	3900		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW97	1255903.379	245357.9307	11/4/2013 15:30	Total DRO & ORO	130		µg/L	500	Perched WBZ	No	No
BNSF	01MW97	1255903.379	245357.9307	4/4/2014 11:10	Total DRO & ORO	82		µg/L	500	Perched WBZ	No	No
BNSF	01MW97	1255903.379	245357.9307	5/14/2019 10:06	Total DRO & ORO	65	J	µg/L	500	Perched WBZ	No	No
BNSF	01MW98	1255866.286	245395.5794	4/4/2014 13:10	Total DRO & ORO	5400		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW98	1255866.286	245395.5794	5/14/2019 12:02	Total DRO & ORO	4900		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW98	1255866.286	245395.5794	5/10/2013 13:55	Total DRO & ORO	4800		µg/L	500	Perched WBZ	Yes	Yes
BNSF	01MW98	1255866.286	245395.5794	11/4/2013 12:31	Total DRO & ORO	4700		µg/L	500	Perched WBZ	Yes	Yes
Bulk Terminal	01MW99	1256477.15	245145.81	5/19/2015 11:25	Total DRO & ORO	1100		µg/L	500	Shallow WBZ	Yes	Yes
Bulk Terminal	01MW99	1256477.15	245145.81	5/10/2016 11:05	Total DRO & ORO	850		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW99	1256477.15	245145.81	5/1/2019 16:17	Total DRO & ORO	570		µg/L	500	Shallow WBZ	Yes	No
Bulk Terminal	01MW99	1256477.15	245145.81	4/17/2015 13:53	Total DRO & ORO	410		µg/L	500	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	5/18/2016 14:43	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	5/26/2015 12:35	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	4/1/2014 15:07	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	02MW14	1255817.678	245715.3161	11/25/2008 10:38	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	8/17/2006 10:55	Total DRO & ORO	490	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	4/26/2006 10:35	Total DRO & ORO	490	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW01	1255705.618	245538.6769	5/16/2016 13:57	Total DRO & ORO	62		µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	8/17/2006 12:10	Total DRO & ORO	490	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/26/2006 9:25	Total DRO & ORO	480	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/1/2013 11:46	Total DRO & ORO	460		µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	10/9/2012 11:45	Total DRO & ORO	280	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/16/2016 14:52	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	11/1/2013 10:58	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/3/2012 16:10	Total DRO & ORO	250	U	µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	5/27/2015 12:07	Total DRO & ORO	57		µg/L	500	Shallow WBZ	No	No
ASKO	MW02	1255701.301	245596.6405	4/2/2014 10:07	Total DRO & ORO	53		µg/L	500	Shallow WBZ	No	No
ASKO	MW03	1255806.658	245528.2648	5/16/2016 14:35	Total DRO & ORO	6200		µg/L	500	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/3/2012 12:30	Total DRO & ORO	5000		µg/L	500	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/3/2014 14:15	Total DRO & ORO	4700		µg/L	500	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	5/26/2015 12:20	Total DRO & ORO	3300		µg/L	500	Perched WBZ	Yes	Yes

Table A-4 - GW VI Screening TPH Diesel Range Organics and Lube Oil Range Organics

General Location	Location Name	X Coord	Y Coord	Sample Date	Analyte	Result	Qualifier	Unit	GW CUL (ug/L)	WBZ	Exceeds CUL?	Is result 2x GW CUL?
ASKO	MW03	1255806.658	245528.2648	10/31/2013 14:05	Total DRO & ORO	2300		µg/L	500	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/25/2006 11:15	Total DRO & ORO	1600		µg/L	500	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	10/10/2012 11:01	Total DRO & ORO	1600		µg/L	500	Perched WBZ	Yes	Yes
ASKO	MW03	1255806.658	245528.2648	4/1/2013 15:11	Total DRO & ORO	1000		µg/L	500	Perched WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	4/25/2006 12:15	Total DRO & ORO	670		µg/L	500	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	8/17/2006 13:55	Total DRO & ORO	650		µg/L	500	Shallow WBZ	Yes	No
ASKO	MW04	1255818.651	245542.3071	5/17/2016 12:05	Total DRO & ORO	430		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	5/26/2015 14:40	Total DRO & ORO	300		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/2/2013 10:29	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/2/2013 10:14	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/2/2014 12:00	Total DRO & ORO	240		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	5/26/2015 14:10	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	10/10/2012 12:30	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/2/2014 11:55	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	10/10/2012 11:50	Total DRO & ORO	160		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	10/31/2013 14:30	Total DRO & ORO	150		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	10/31/2013 15:10	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/3/2012 14:01	Total DRO & ORO	71		µg/L	500	Shallow WBZ	No	No
ASKO	MW04	1255818.651	245542.3071	4/3/2012 13:13	Total DRO & ORO	61		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	8/17/2006 14:50	Total DRO & ORO	450		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	5/17/2016 14:00	Total DRO & ORO	430		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/25/2006 13:15	Total DRO & ORO	320		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	5/3/2019 10:08	Total DRO & ORO	310		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/2/2013 11:07	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/2/2014 11:05	Total DRO & ORO	280		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	5/28/2015 11:15	Total DRO & ORO	250		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	10/10/2012 13:47	Total DRO & ORO	230		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	11/1/2013 10:04	Total DRO & ORO	190		µg/L	500	Shallow WBZ	No	No
ASKO	MW05	1255843.43	245549.8824	4/3/2012 14:49	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/25/2006 14:25	Total DRO & ORO	710		µg/L	500	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	4/25/2006 14:25	Total DRO & ORO	700		µg/L	500	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	8/17/2006 13:45	Total DRO & ORO	700		µg/L	500	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	8/17/2006 13:45	Total DRO & ORO	650		µg/L	500	Shallow WBZ	Yes	No
ASKO	MW06	1255807.834	245589.7193	5/17/2016 12:47	Total DRO & ORO	410		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	5/3/2019 10:00	Total DRO & ORO	370		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/1/2013 14:20	Total DRO & ORO	310		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/2/2014 12:45	Total DRO & ORO	290		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	11/1/2013 13:08	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	10/9/2012 14:45	Total DRO & ORO	200		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	5/26/2015 11:20	Total DRO & ORO	180		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	6/9/2016 11:08	Total DRO & ORO	160		µg/L	500	Shallow WBZ	No	No
ASKO	MW06	1255807.834	245589.7193	4/3/2012 11:32	Total DRO & ORO	130		µg/L	500	Shallow WBZ	No	No

Qualifier - Definition
CN - Chromatogram note
J - Analyte was detected; concentration is considered to be an estimate.
JQ - The analyte was detected between the reporting limit and method detection limit and is considered to be an estimate.
U - Analyte was not detected at the given reporting limit.
UJ - Analyte was not detected at the given reporting limit, which is considered to be an estimate.

LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION (SEE NOTE 1)
- LOCATION OF PROPOSED BUILDING FOOTPRINT AT THE TIME OF THIS REPORT (APPROX.)
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

NOTE 1: REFER TO ENLARGED PLANS ON FIGURES B-1A & B-1B FOR SAMPLE IDENTIFICATION LABELS.

SEE ENLARGED PLAN ON FIGURE B-1A

SEE ENLARGED PLAN ON FIGURE B-1B

PASSIVE GW TREATMENT AREA

TRENCH BOX AND SHORING

CAA-2b, SEE DETAILED PLAN ON DWG C-3

CAA-2a, SEE DETAILED PLAN ON DWG C-7

CAA-5, SEE DETAILED PLAN ON DWG C-4

CAA-4a, SEE DETAILED PLAN ON DWG C-8

CAA-4b, SEE DETAILED PLAN ON DWG C-8

CAA-3, SEE DETAILED PLAN ON DWG C-4

CAA-1b, SEE DETAILED PLAN ON DWG C-2

CAA-1a, SEE DETAILED PLAN ON DWG C-2

HAUL TRUCK DIESEL SPILL, SEE DETAILED PLAN ON DWG C-4

INTERCEPTOR TRENCH

B89

B330

MW01 MW02 MW03 MW04 MW05 MW06

01MW01 01MW02 01MW03 01MW04 01MW05 01MW06 01MW07 01MW08 01MW09 01MW10 01MW11 01MW12 01MW15 01MW16 01MW17 01MW18 01MW19 01MW20 01MW24 01MW27 01MW28 01MW29 01MW30 01MW31 01MW32 01MW33 01MW34 01MW35 01MW36 01MW37 01MW38 01MW39 01MW40 01MW42 01MW43 01MW44 01MW45 01MW46 01MW47 01MW48 01MW49 01MW50 01MW51 01MW52 01MW53 01MW54 01MW55 01MW56 01MW57 01MW58 01MW59 01MW60 01MW61 01MW62 01MW63 01MW64 01MW65 01MW66 01MW67 01MW68 01MW69 01MW70 01MW71 01MW72 01MW73 01MW74 01MW75 01MW76 01MW77 01MW78 01MW79 01MW80 01MW81 01MW82 01MW84 01MW85 01MW86 01MW87 01MW88 01MW89 01MW90 01MW91 01MW92 01MW93 01MW94 01MW95 01MW96 01MW97 01MW98 01MW99 01MW100 01MW101 01MW102 01MW103 01MW104 01MW105 01MW106 01MW107 01MW108 01IW09 01IW10 01SVE01

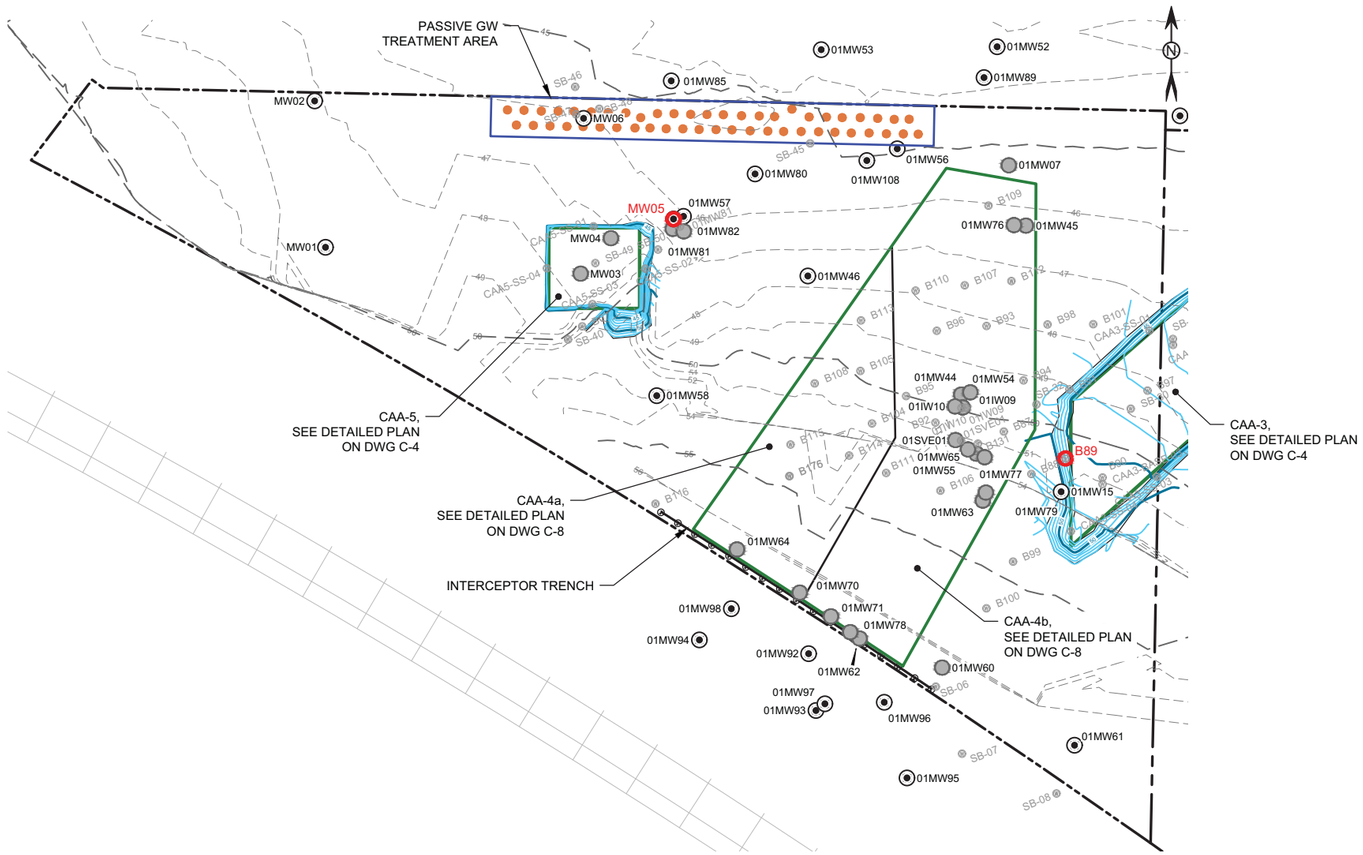
40' 0' 40' 80'

SCALE BAR

Figure B-1

Extent of Soils With Remediation Level Exceedances - Upland AOC

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
SOIL	B330	1256231.072	245398.2354	49.45	1	1	5/21/2014	TOTAL DRO & ORO	2000	12000	14000	mg/kg
SOIL	B89	1255998.642	245455.1037	37.41	13	13	12/29/2008	GASOLINE-RANGE ORGANICS	30	5000	9700	mg/kg
SOIL	MW05	1255843.430	245549.8824	45.82	22.5	22.5	4/19/2006	TRICHLOROETHENE	0.02	1	5.4000	mg/kg



LEGEND

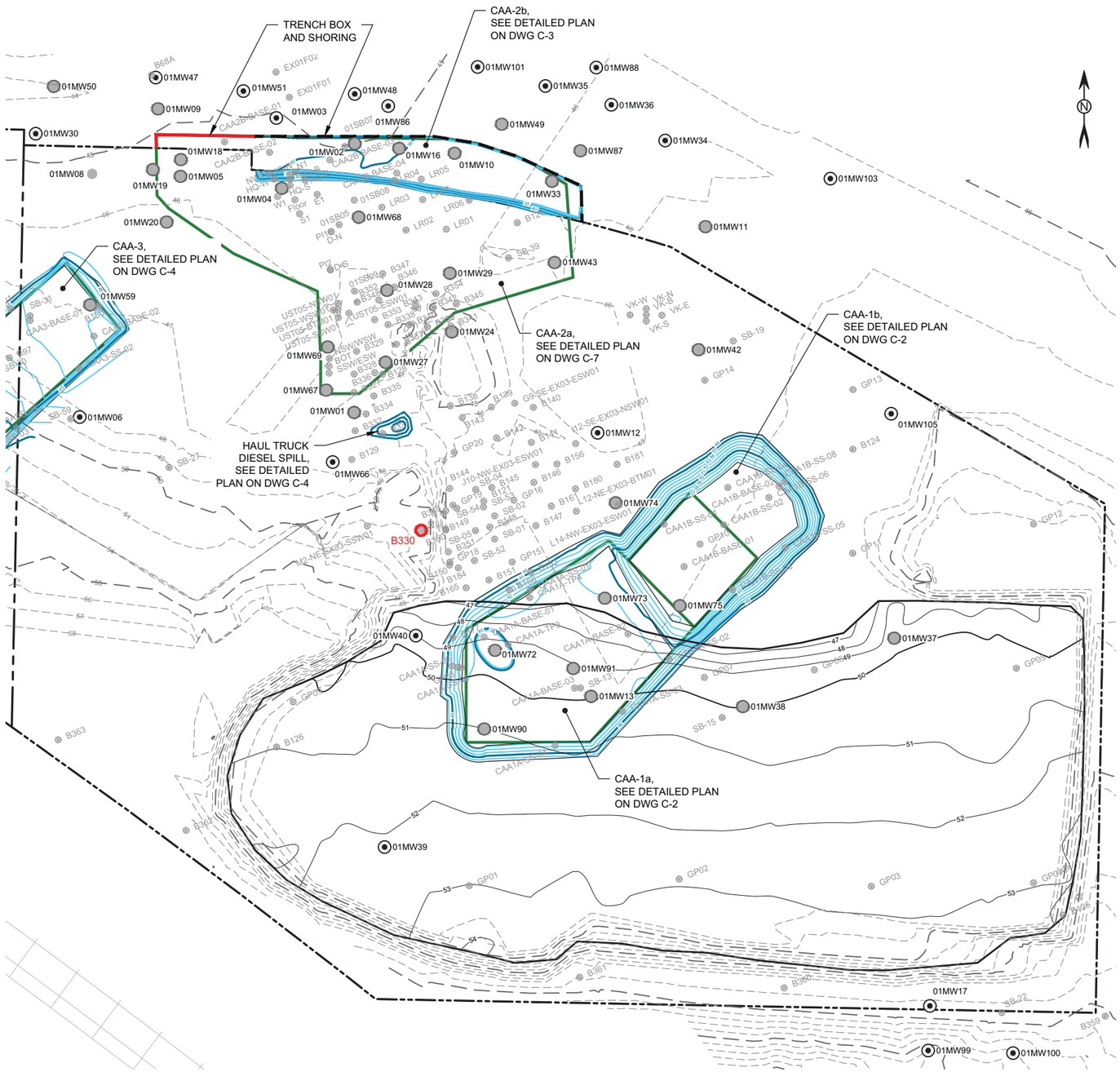
- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

30' 0' 30' 60'

SCALE BAR

Figure B-2A
Extent of Soils With Remediation Level Exceedances - ASKO

MEDIA	LOCATION NAME	XCOORD	YCOORD	SAMPLE ELEVATION (NAVD 88)	UPPER DEPTH (ft bgs)	LOWER DEPTH (ft bgs)	SAMPLE DATE	ANALYTE	CLEANUP LEVEL	REMEDIATION LEVEL	RESULT LEVEL	UNIT
SOIL	B330	1256231.072	245398.2354	49.45	1	1	5/21/2014	TOTAL DRO & ORO	2000	12000	14000	mg/kg
SOIL	B89	1255998.642	245455.1037	37.41	13	13	12/29/2008	GASOLINE-RANGE ORGANICS	30	5000	9700	mg/kg
SOIL	MW05	1255843.430	245549.8824	45.82	22.5	22.5	4/19/2006	TRICHLOROETHENE	0.02	1	5.4000	mg/kg



LEGEND

- DESIGN EXCAVATION LIMITS
- AS-BUILT EXCAVATION LIMITS (ELEVATIONS FT NAVD88)
- PRECONSTRUCTION SURFACE (ELEVATIONS FT NAVD88)
- SOIL SAMPLE LOCATION
- LOCATION WITH REMEDIATION LEVEL EXCEEDANCE
- MONITORING WELL PROTECTED DURING CONSTRUCTION ACTIVITIES
- MONITORING WELL DECOMMISSIONED
- IN-SITU GROUNDWATER INJECTION POINT
- PARCEL BOUNDARY FOR TOC SEATTLE TERMINAL 1, LLC PROPERTIES

30' 0' 30' 60'
SCALE BAR

Figure B-2B
Extent of Soils With Remediation Level Exceedances - Bulk Terminal

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

CAA-2b: removal to elevation 30 ft (approx. 15 ft bgs) See As-built C-3

CAA-2b: ISS hardened soil to elevation 20 to 26.9 ft (elevation varies with top of silt surface; up to 23 ft bgs). See As-built C-7

CAA-1b: removal to elevation 36 ft (approx. 10 ft bgs) See As-built C-2

CAA-5: removal to elevation 42 ft (approx. 5 ft bgs) See As-built C-4

CAA-44: ISS hardened soil to elevation 17.1 to 21.4 ft (elevation varies with top of silt surface; up to 30 ft bgs) See As-built C-8

CAA-3: removal to elevation 32 to 47 ft (elevation varies with sloped ground surface; approx. 5 ft bgs) See As-built C-4

CAA-1a: removal to elevation 41 ft (approx. 5 ft bgs) See As-built C-2

ISS Swell Management Area: FILL (not removal) ISS hardened soil to elevation 46 to 54 ft (sloped surface) See As-built C-9

ASKO HYDRAULIC PROPERTY

BULK TERMINAL PROPERTY

W. Commodore Way

27th Ave W

W. Fort St

Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One of More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
GRO: 30 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
GRO = Gasoline-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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Supplemental Upland RI/FS
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-3
Gasoline-Range Organics Distribution in Soil
Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.11 GRO in Soil-Sitewide.mxd
4/3/2020

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

CAA-2b: removal to elevation 30 ft (approx. 15 ft bgs) See As-built C-3

CAA-2a: ISS hardened soil to elevation 20 to 26.9 ft (elevation varies with top of silt surface; up to 23 ft bgs). See As-built C-7

CAA-1b: removal to elevation 36 ft (approx. 10 ft bgs) See As-built C-2

CAA-5: removal to elevation 42 ft (approx. 5 ft bgs) See As-built C-4

CAA-4: ISS hardened soil to elevation 17.1 to 21.4 ft (elevation varies with top of silt surface; up to 30 ft bgs) See As-built C-8

CAA-3: removal to elevation 32 to 47 ft (elevation varies with sloped ground surface; approx. 5 ft bgs) See As-built C-4

CAA-1a: removal to elevation 41 ft (approx. 5 ft bgs) See As-built C-2

ISS Swell Management Area: FILL (not removal) ISS hardened soil to elevation 46 to 54 ft (sloped surface See As-built C-9

ASKO HYDRAULIC PROPERTY

BULK TERMINAL PROPERTY

W. Commodore Way

W. Fort St

BNSF RAI

Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
DRO+ORO: 2,000 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
· Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
DRO = Diesel-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
ORO = Oil-range organics
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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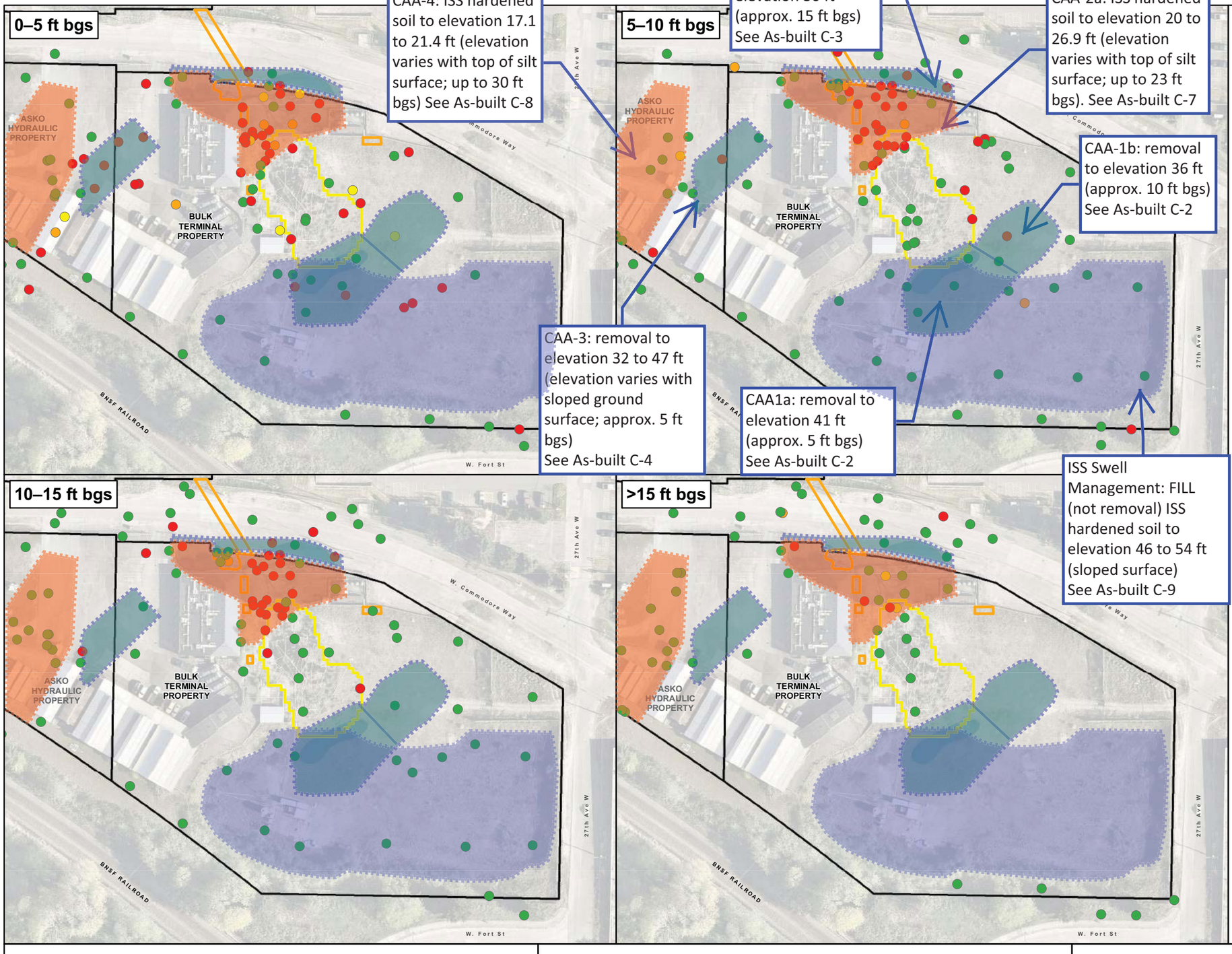
Supplemental Upland RI/FS
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-4
Diesel- and Oil-Range Organics Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.12 DRO+ORO in Soil-Sitewide.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
GRO: 30 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Refer to Figure 3.3 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
GRO = Gasoline-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 60 120 240
Scale in Feet

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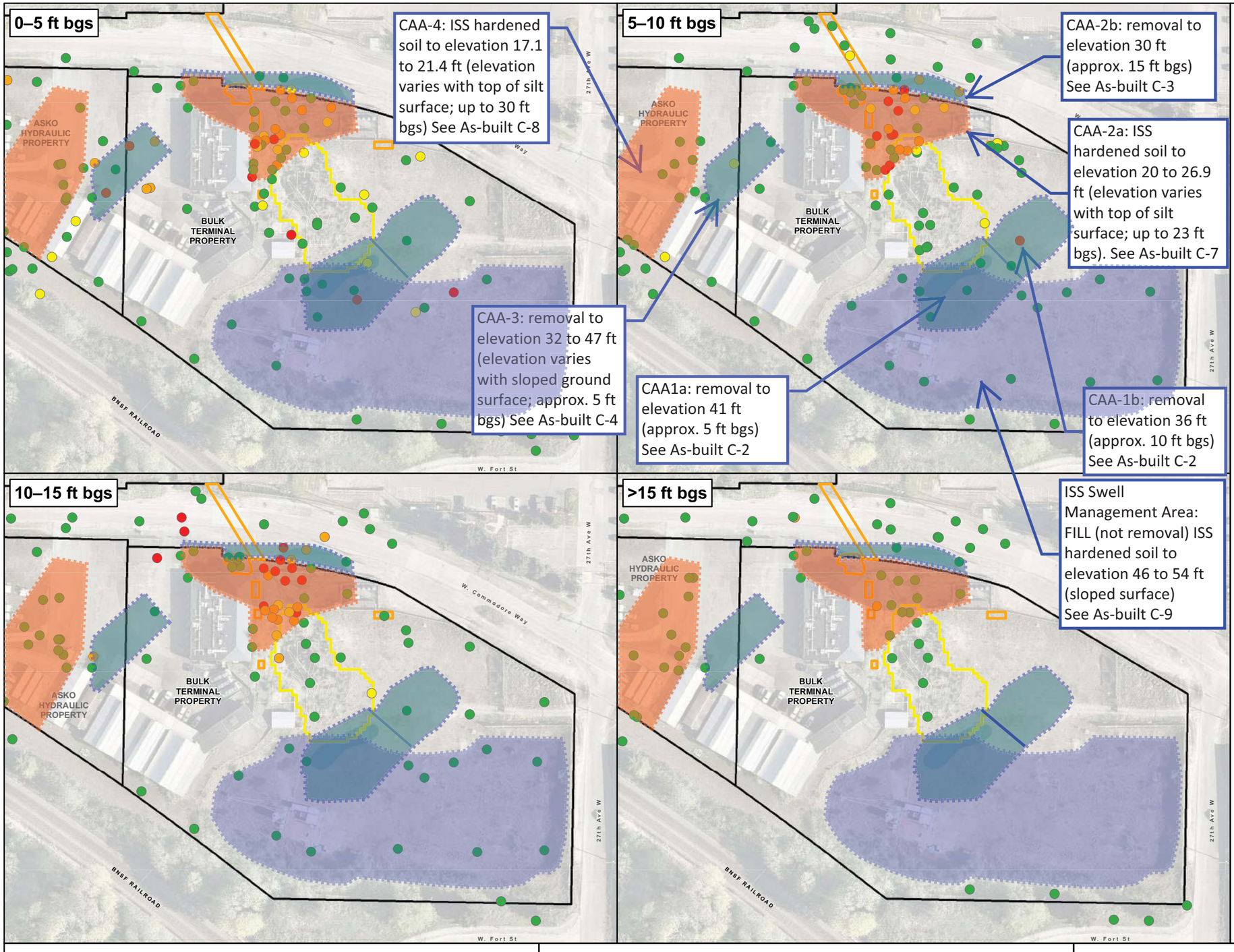
Seattle, Washington

Figure B-5
Gasoline-Range Organics Distribution in Soil—
Bulk Terminal Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.13 GRO in Soil-Bulk Terminal.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
DRO+ORO: 2,000 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

· Refer to Figure 3.3 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
DRO = Diesel-range organics
ft bgs = Feet below ground surface
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
ORO = Oil-range organics
TPH = Total petroleum hydrocarbons

N

0 60 120 240
Scale in Feet

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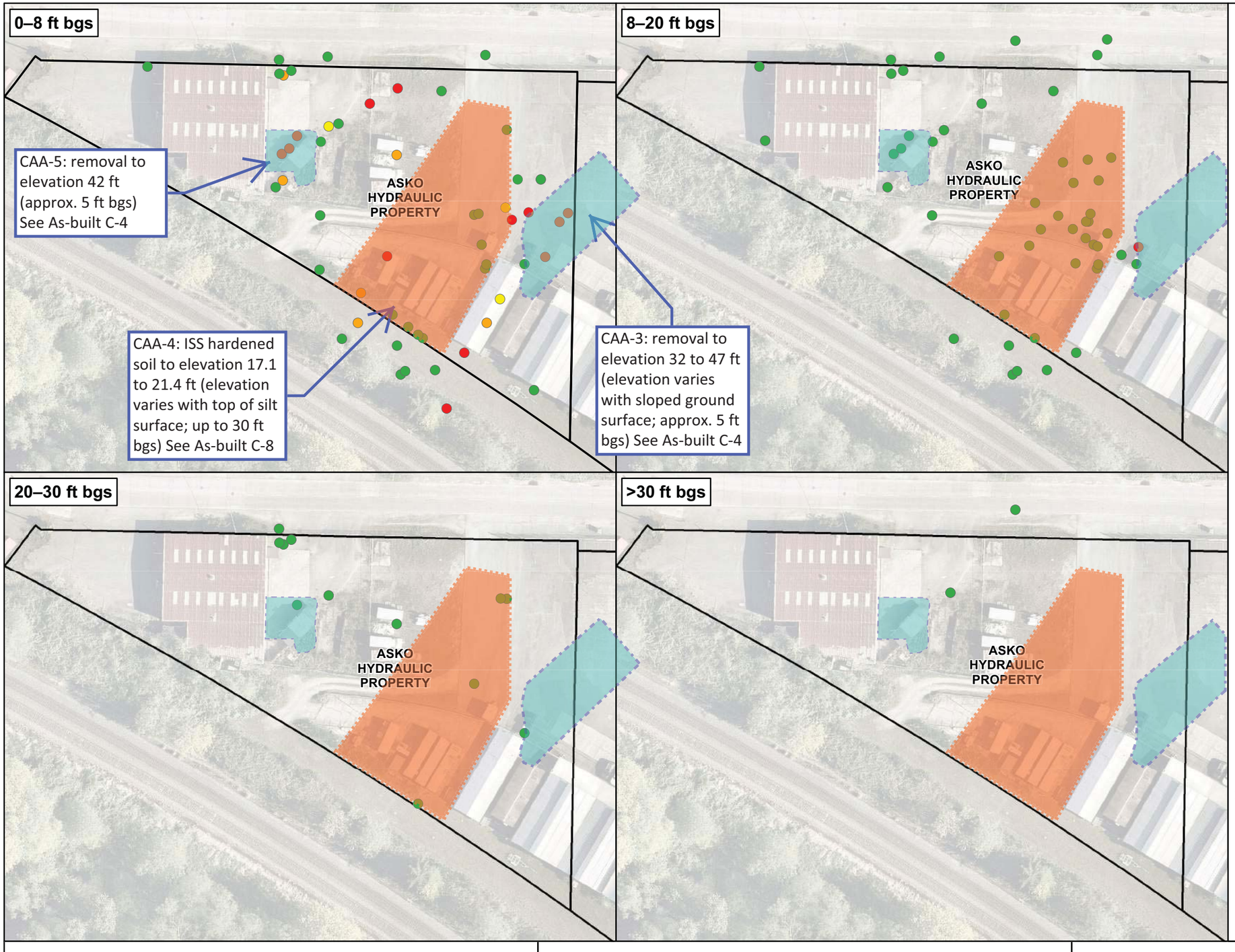
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-6
Diesel- and Oil-Range Organics Distribution in Soil—
Bulk Terminal Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.14 DRO and ORO in Soil-Bulk Terminal.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Other Site Features

- Property Boundary for the Seattle Terminal Properties

Cleanup Level
GRO: 30 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
GRO = Gasoline-range organics
mg/kg = Milligrams per kilogram

N

0 40 80 160
Scale in Feet

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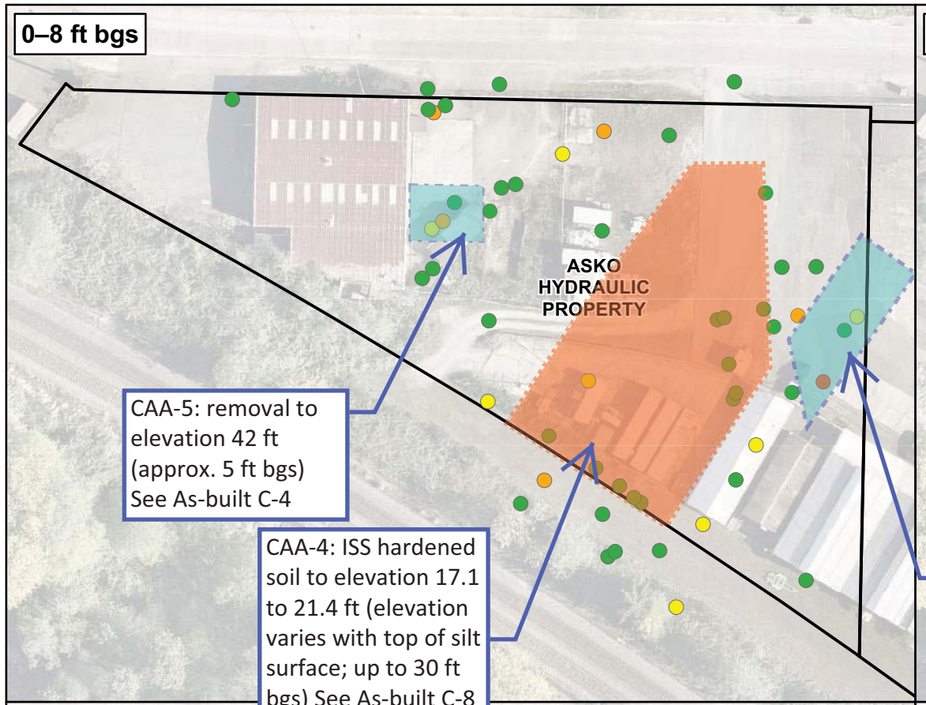
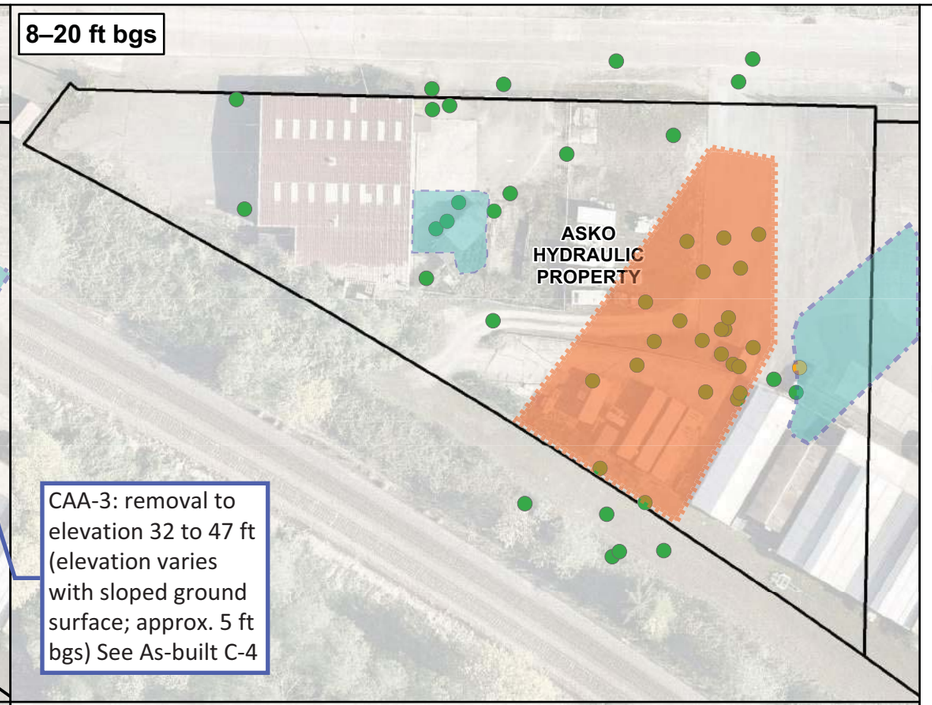
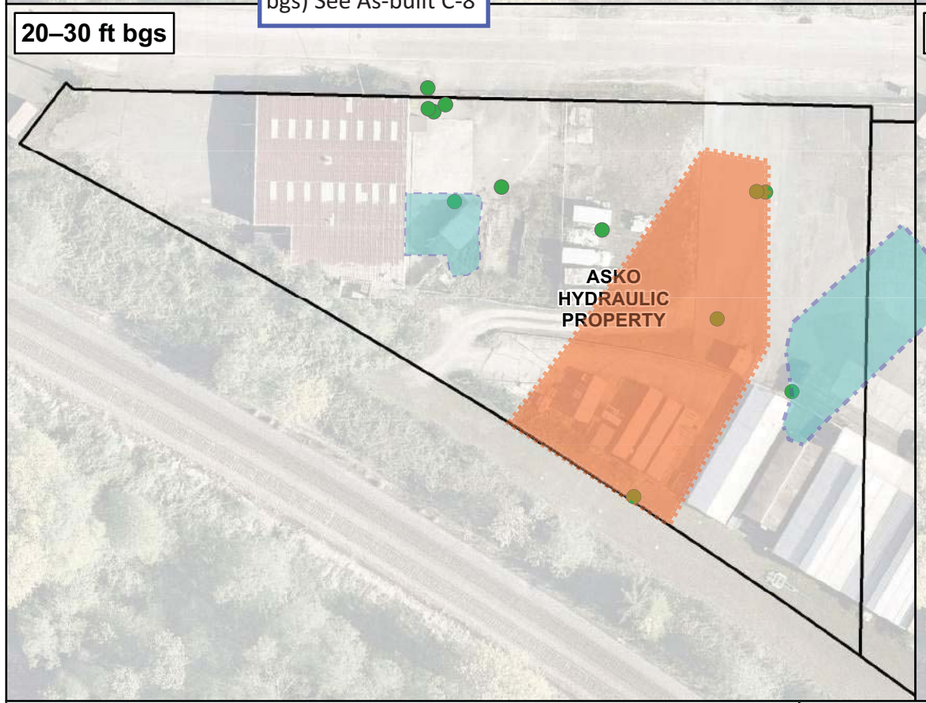
Time Oil Bulk Terminal PPA
Seattle, Washington

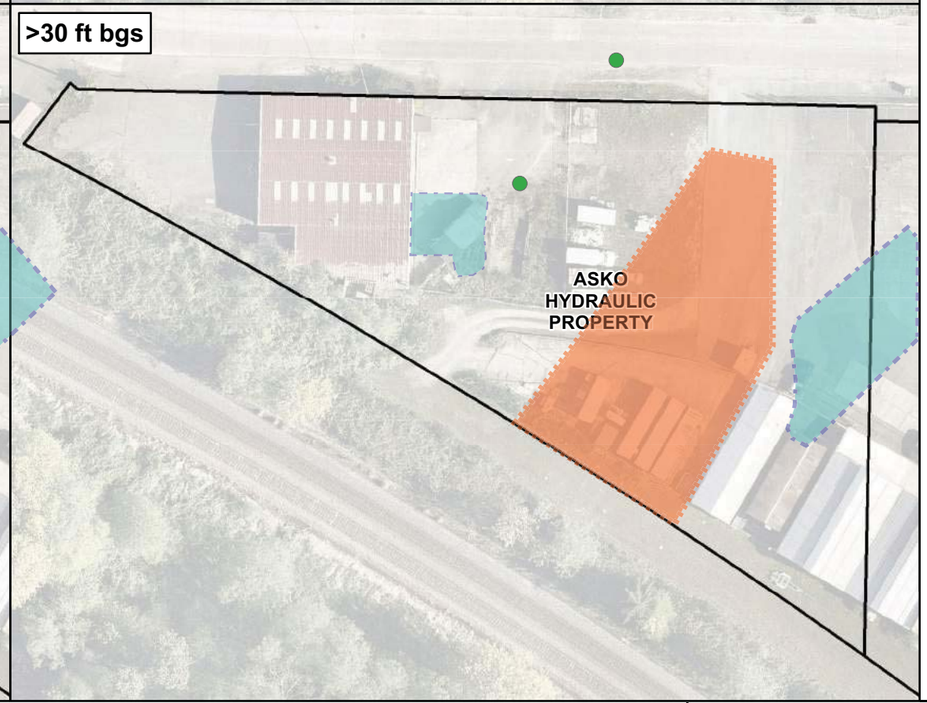
Figure B-7
Gasoline-Range Organics Distribution in Soil—
ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.15 GRO in Soil-ASKO.mxd
4/3/2020









Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Other Site Features

- Property Boundary for the Seattle Terminal Properties

Cleanup Level
DRO+ORO: 2,000 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
DRO = Diesel-range organics
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
ORO = Oil-range organics

N

0 40 80 160
Scale in Feet

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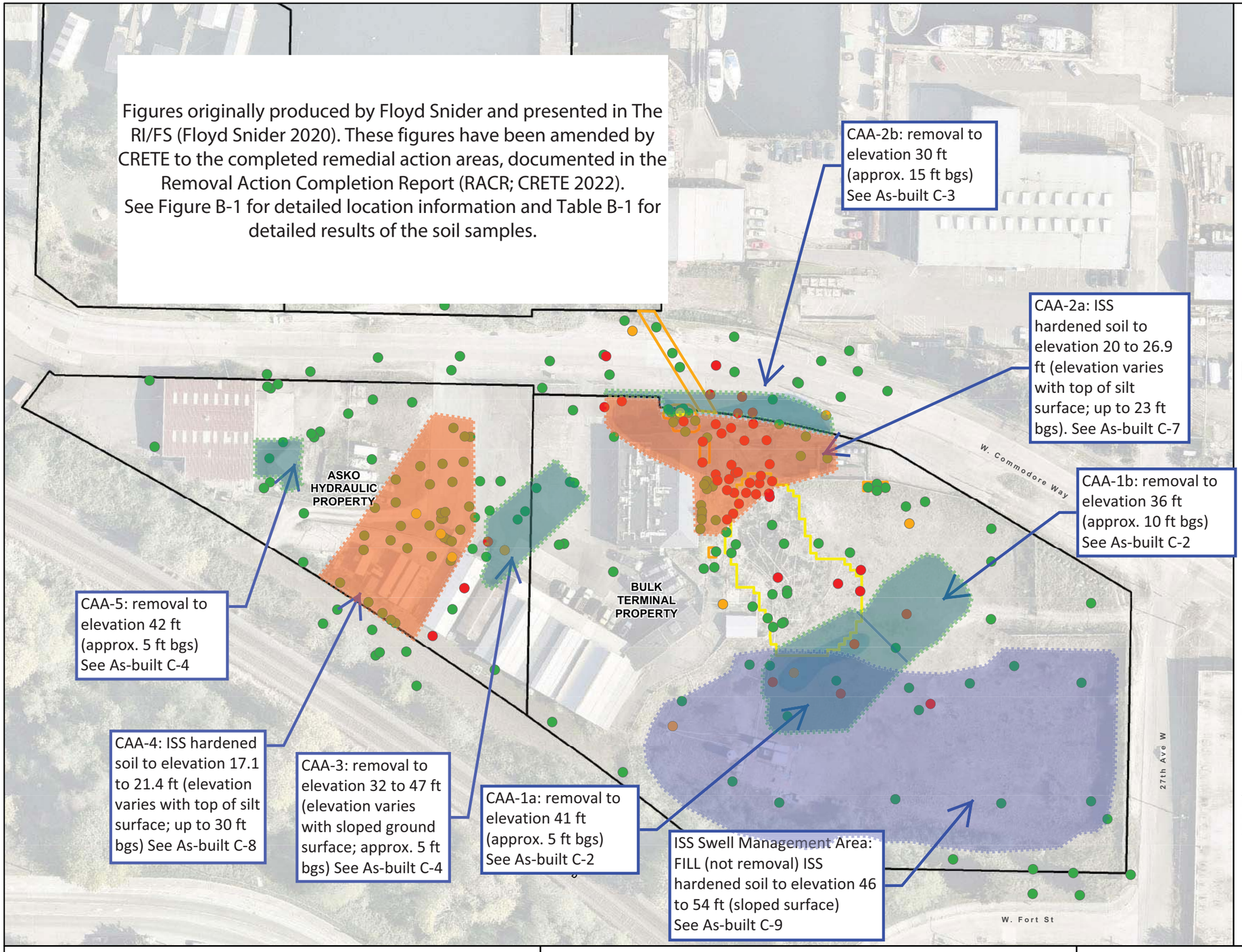
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-8
Diesel- and Oil-Range Organics Distribution in Soil—ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.16 DRO and ORO in Soil-ASKO.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Benzene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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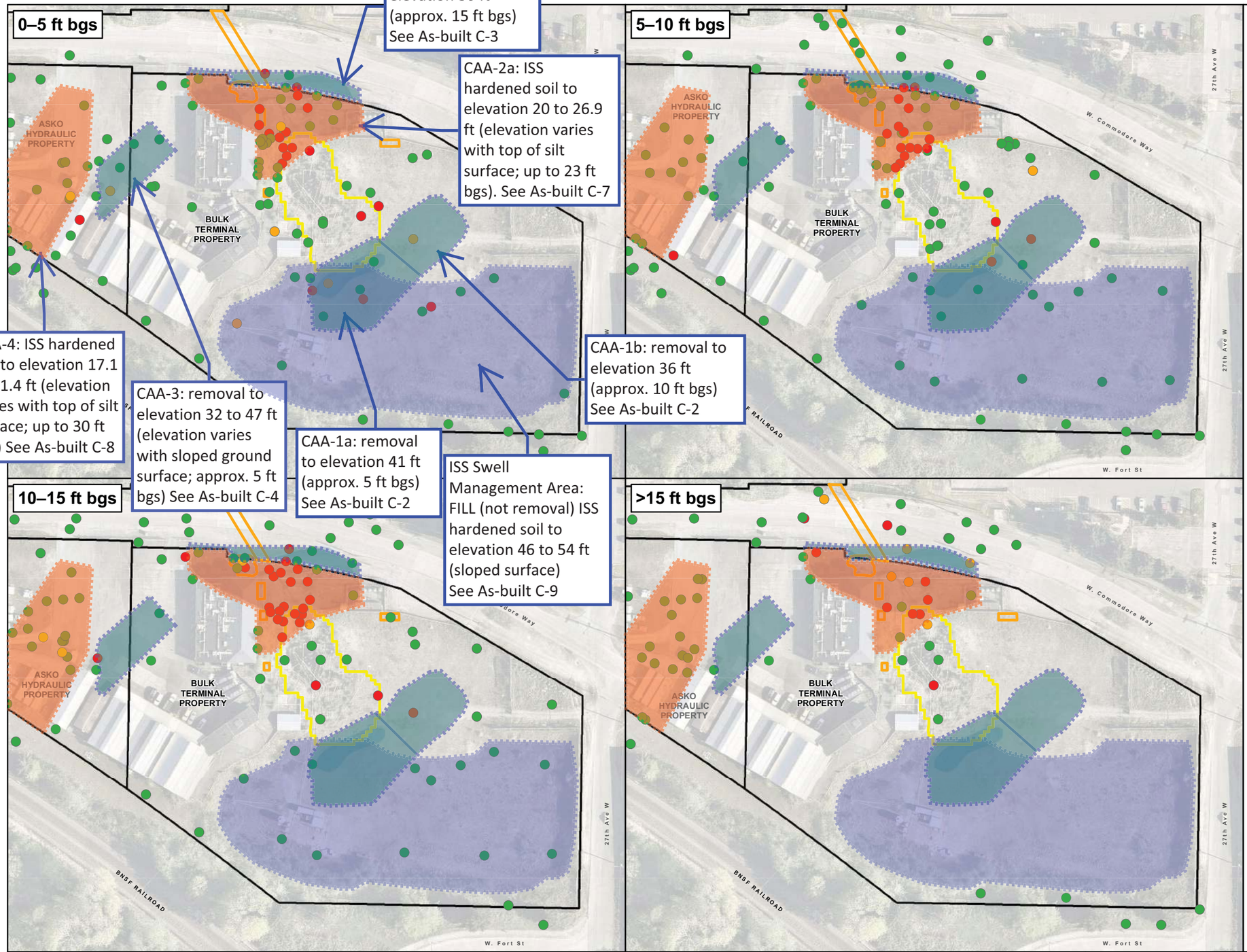
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-9
Benzene Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.19 Benzene in Soil-Sitewide.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level

Benzene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Refer to Figure 3.3 for details about individual historical excavation areas.
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 60 120 240
Scale in Feet

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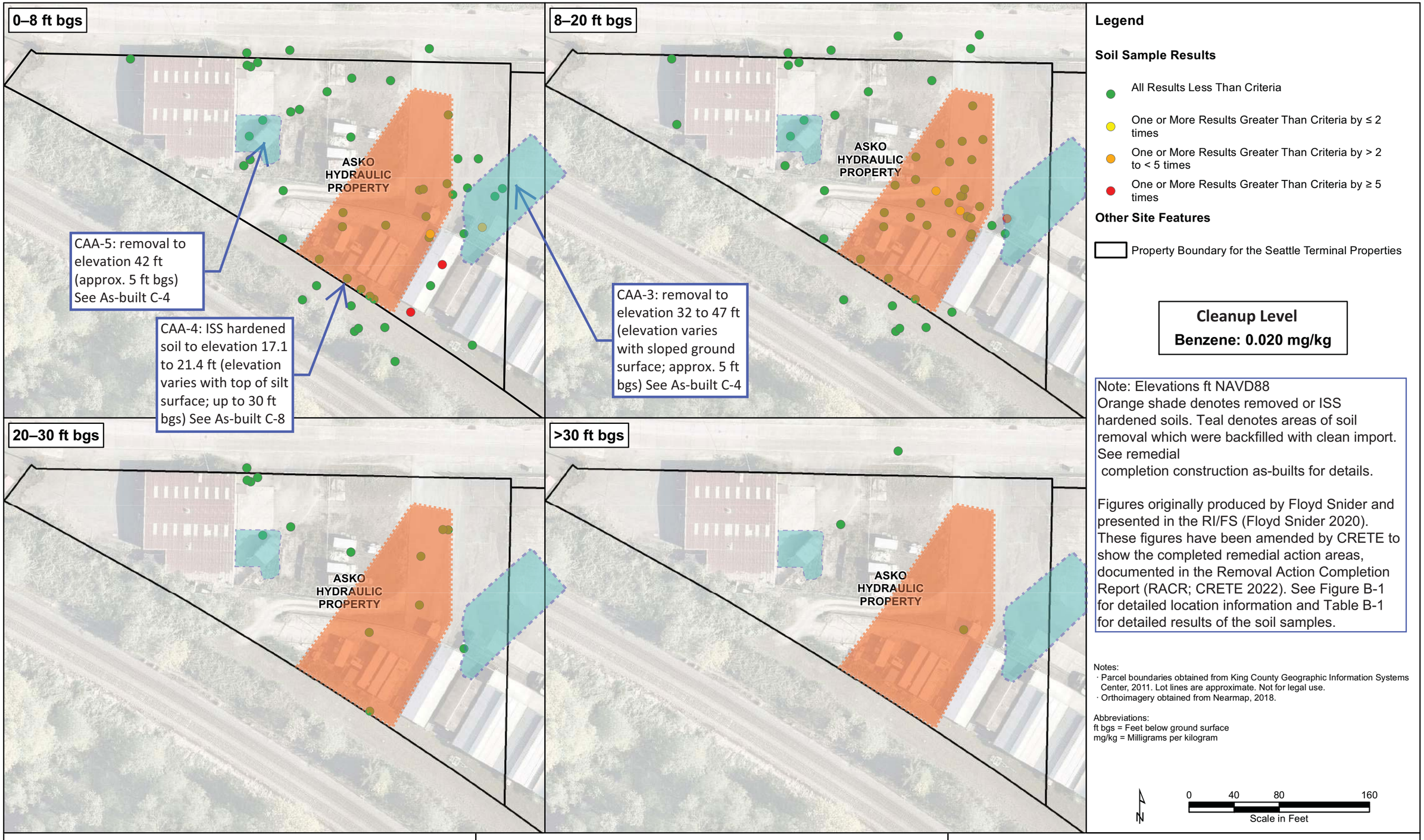
Seattle, Washington

Figure B-10
Benzene Distribution in Soil—
Bulk Terminal Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.20 Benzene in Soil-Bulk Terminal.mxd
4/7/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Other Site Features

- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Benzene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial completion construction as-builts for details.

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
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· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram

N

0 40 80 160
Scale in Feet

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Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-11
Benzene Distribution in Soil—
ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.21 Benzene in Soil-ASKO.mxd
4/3/2020

Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020). These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

CAA-2b: removal to elevation 30 ft (approx. 15 ft bgs) See As-built C-3

CAA-2a: ISS hardened soil to elevation 20 to 26.9 ft (elevation varies with top of silt surface; up to 23 ft bgs). See As-built C-7

CAA-1b: removal to elevation 36 ft (approx. 10 ft bgs) See As-built C-2

CAA-5: removal to elevation 42 ft (approx. 5 ft bgs) See As-built C-4

CAA-4: ISS hardened soil to elevation 17.1 to 21.4 ft (elevation varies with top of silt surface; up to 30 ft bgs) See As-built C-8

CAA-3: removal to elevation 32 to 47 ft (elevation varies with sloped ground surface; approx. 5 ft bgs) See As-built C-4

CAA-1a: removal to elevation 41 ft (approx. 5 ft bgs) See As-built C-2

ISS Swell Management Area: FILL (not removal) ISS hardened soil to elevation 46 to 54 ft (sloped surface) See As-built C-9

ASKO HYDRAULIC PROPERTY

BULK TERMINAL PROPERTY

W. Commodore Way

27th Ave W

Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Extent of Historical Excavations

- 1991–2016: TPH Excavations
- 2002–2012: Penta and Dioxin/Furan Excavations
- 1992: Metals and Sandblast Grit Excavations

Other Site Features

- Approximate LNAPL Extent
- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Trichloroethene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details.

Notes:
- Refer to Figures 3.3 and 3.4 for details about individual historical excavation areas.
- Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
- Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
GRO = Gasoline-range organics
LNAPL = Light non-aqueous-phase liquid
mg/kg = Milligrams per kilogram
Penta = Pentachlorophenol
TPH = Total petroleum hydrocarbons

N

0 45 90 180
Scale in Feet

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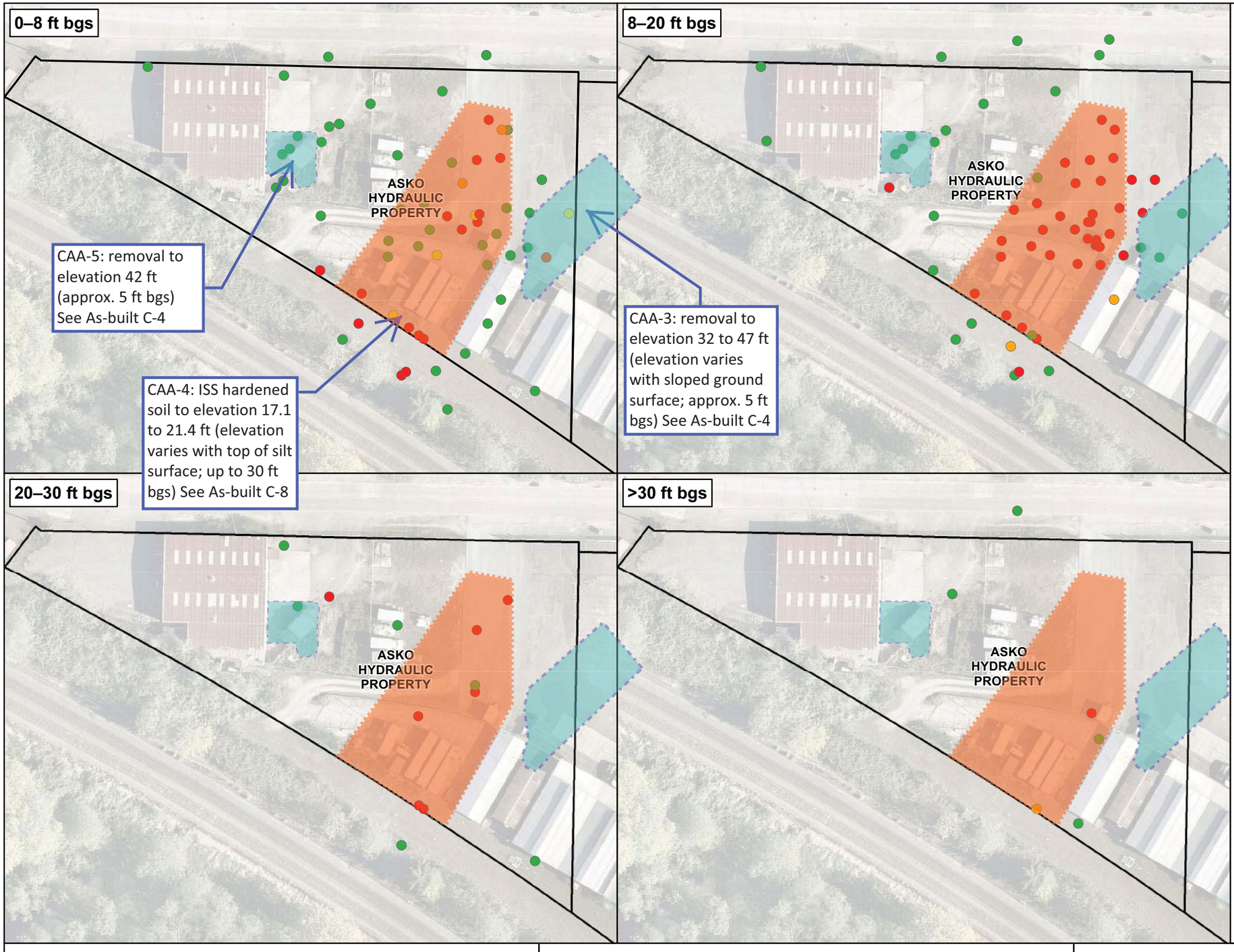
Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-12
Trichloroethene Distribution in Soil—Sitewide

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.23 TCE in Soil-Sitewide.mxd
4/3/2020



Legend

Soil Sample Results

- All Results Less Than Criteria
- One or More Results Greater Than Criteria by ≤ 2 times
- One or More Results Greater Than Criteria by > 2 to < 5 times
- One or More Results Greater Than Criteria by ≥ 5 times

Other Site Features

- Property Boundary for the Seattle Terminal Properties

Cleanup Level
Trichloroethene: 0.020 mg/kg

Note: Elevations ft NAVD88
Orange shade denotes removed or ISS hardened soils. Teal denotes areas of soil removal which were backfilled with clean import. See remedial action completion construction as-builts for details. Figures originally produced by Floyd Snider and presented in the RI/FS (Floyd Snider 2020).

These figures have been amended by CRETE to show the completed remedial action areas, documented in the Removal Action Completion Report (RACR; CRETE 2022). See Figure B-1 for detailed location information and Table B-1 for detailed results of the soil samples.

Notes:
· Parcel boundaries obtained from King County Geographic Information Systems Center, 2011. Lot lines are approximate. Not for legal use.
· Orthoimagery obtained from Nearmap, 2018.

Abbreviations:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram

N

0 40 80 160
Scale in Feet

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Time Oil Bulk Terminal PPA
Seattle, Washington

Figure B-13
Trichloroethene Distribution in Soil—
ASKO Property

I:\GIS\Projects\Cantera-TOC\MXD\RI 2019\Figure 7.24 TCE in Soil-ASKO.mxd
4/3/2020

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
W1	1256161.294	245560.2134	NM	11.5	11.5	InSitu	9/16/1991	Benzene	0.02		0.027/0.0017	0.013			
W1	1256161.294	245560.2134	NM	11.5	11.5	InSitu	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	50	U		
W1	1256161.294	245560.2134	NM	11.5	11.5	InSitu	9/16/1991	GRO	30	5000	30/30	2	U		
VK-W	1256332.369	245502.7698	NM	10	10	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.0019	U		
VK-W	1256332.369	245502.7698	NM	10	10	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	430			
VK-W	1256332.369	245502.7698	NM	10	10	InSitu	4/22/2006	GRO	30	5000	30/30	180		EXCEED	
VK-S	1256340.312	245499.7751	NM	10	10	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.021	U		
VK-S	1256340.312	245499.7751	NM	10	10	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
VK-S	1256340.312	245499.7751	NM	10	10	InSitu	4/22/2006	GRO	30	5000	30/30	5.3	U		
VK-N	1256340.312	245505.7646	NM	10	10	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.022	U		
VK-N	1256340.312	245505.7646	NM	10	10	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	2600		EXCEED	
VK-N	1256340.312	245505.7646	NM	10	10	InSitu	4/22/2006	GRO	30	5000	30/30	810		EXCEED	
VK-E	1256347.864	245502.6396	NM	10	10	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.0022	U		
VK-E	1256347.864	245502.6396	NM	10	10	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
VK-E	1256347.864	245502.6396	NM	10	10	InSitu	4/22/2006	GRO	30	5000	30/30	5	U		
VK-B	1256340.312	245502.7698	NM	12	12	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
VK-B	1256340.312	245502.7698	NM	12	12	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
VK-B	1256340.312	245502.7698	NM	12	12	InSitu	4/22/2006	GRO	30	5000	30/30	5.1	U		
UST10-WSW	1255863.87	245780.8575	NM	6	6	InSitu	6/8/2011	Benzene	0.02		0.027/0.0017	0.02	U		
UST10-WSW	1255863.87	245780.8575	NM	6	6	InSitu	6/8/2011	DRO+ORO	2000	12000	2,000/2,000	100	U		
UST10-WSW	1255863.87	245780.8575	NM	6	6	InSitu	6/8/2011	GRO	30	5000	30/30	2	U		
UST10-SSW	1255868.61	245778.2012	NM	6	6	InSitu	6/8/2011	Benzene	0.02		0.027/0.0017	0.02	U		
UST10-SSW	1255868.61	245778.2012	NM	6	6	InSitu	6/8/2011	DRO+ORO	2000	12000	2,000/2,000	100	U		
UST10-SSW	1255868.61	245778.2012	NM	6	6	InSitu	6/8/2011	GRO	30	5000	30/30	2	U		
UST10-NSW	1255868.714	245783.2533	NM	6	6	InSitu	6/8/2011	Benzene	0.02		0.027/0.0017	0.02	U		
UST10-NSW	1255868.714	245783.2533	NM	6	6	InSitu	6/8/2011	DRO+ORO	2000	12000	2,000/2,000	100	U		
UST10-NSW	1255868.714	245783.2533	NM	6	6	InSitu	6/8/2011	GRO	30	5000	30/30	2	U		
UST10-ESW	1255873.454	245780.6492	NM	6	6	InSitu	6/8/2011	Benzene	0.02		0.027/0.0017	0.02	U		
UST10-ESW	1255873.454	245780.6492	NM	6	6	InSitu	6/8/2011	DRO+ORO	2000	12000	2,000/2,000	100	U		
UST10-ESW	1255873.454	245780.6492	NM	6	6	InSitu	6/8/2011	GRO	30	5000	30/30	2.4			
UST10-BTM02	1255869.287	245780.7533	NM	8	8	InSitu	6/8/2011	Benzene	0.02		0.027/0.0017	0.02	U		
UST10-BTM02	1255869.287	245780.7533	NM	8	8	InSitu	6/8/2011	DRO+ORO	2000	12000	2,000/2,000	100	U		
UST10-BTM02	1255869.287	245780.7533	NM	8	8	InSitu	6/8/2011	GRO	30	5000	30/30	13			
UST10-BTM01	1255866.527	245780.8054	NM	8	8	InSitu	6/8/2011	Benzene	0.02		0.027/0.0017	0.02	U		
UST10-BTM01	1255866.527	245780.8054	NM	8	8	InSitu	6/8/2011	DRO+ORO	2000	12000	2,000/2,000	150			
UST10-BTM01	1255866.527	245780.8054	NM	8	8	InSitu	6/8/2011	GRO	30	5000	30/30	9.6			
UST05-WSW01	1256188.335	245505.1688		5	5	InSitu, Immobilized	2/5/2014	Benzene	0.02		0.027/0.0017	0.02	UJ		
UST05-WSW01	1256188.335	245505.1688		5	5	InSitu, Immobilized	2/5/2014	DRO+ORO	2000	12000	2,000/2,000	13000		EXCEED	EXCEED
UST05-WSW01	1256188.335	245505.1688		5	5	InSitu, Immobilized	2/5/2014	GRO	30	5000	30/30	1200		EXCEED	
UST05-SSW01	1256190.793	245501.4514		5	5	InSitu, Immobilized	2/5/2014	Benzene	0.02		0.027/0.0017	0.02	U		
UST05-SSW01	1256190.793	245501.4514		5	5	InSitu, Immobilized	2/5/2014	DRO+ORO	2000	12000	2,000/2,000	4100		EXCEED	
UST05-SSW01	1256190.793	245501.4514		5	5	InSitu, Immobilized	2/5/2014	GRO	30	5000	30/30	710		EXCEED	
UST05-NSW01	1256190.471	245508.42		5	5	InSitu, Immobilized	2/5/2014	Benzene	0.02		0.027/0.0017	0.02	U		
UST05-NSW01	1256190.471	245508.42		5	5	InSitu, Immobilized	2/5/2014	DRO+ORO	2000	12000	2,000/2,000	4200		EXCEED	
UST05-NSW01	1256190.471	245508.42		5	5	InSitu, Immobilized	2/5/2014	GRO	30	5000	30/30	270		EXCEED	
UST05-ESW01	1256195.953	245503.6471		5	5	InSitu, Immobilized	2/5/2014	Benzene	0.02		0.027/0.0017	0.02	U		
UST05-ESW01	1256195.953	245503.6471		5	5	InSitu, Immobilized	2/5/2014	DRO+ORO	2000	12000	2,000/2,000	140			
UST05-ESW01	1256195.953	245503.6471		5	5	InSitu, Immobilized	2/5/2014	GRO	30	5000	30/30	40		EXCEED	
UST05-BTM01	1256190.584	245505.3272		7	7	InSitu, Immobilized	2/5/2014	Benzene	0.02		0.027/0.0017	0.02	UJ		
UST05-BTM01	1256190.584	245505.3272		7	7	InSitu, Immobilized	2/5/2014	DRO+ORO	2000	12000	2,000/2,000	2100		EXCEED	
UST05-BTM01	1256190.584	245505.3272		7	7	InSitu, Immobilized	2/5/2014	GRO	30	5000	30/30	630		EXCEED	
TP03	1256093.348	245748.4291	NM	11	11	InSitu	10/15/2013	Benzene	0.02		0.027/0.0017	0.02	U		
TP03	1256093.348	245748.4291	NM	11	11	InSitu	10/15/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
TP03	1256093.348	245748.4291	NM	11	11	InSitu	10/15/2013	GRO	30	5000	30/30	2	U		
SSW/ESW	1256186.272	245474.5257	NM	4.5	4.5	InSitu	6/24/2010	Benzene	0.02		0.027/0.0017	0.02	U		
SSW/ESW	1256186.272	245474.5257	NM	4.5	4.5	InSitu	6/24/2010	DRO+ORO	2000	12000	2,000/2,000	83			
SB-59	1256060.939	245452.3701	NM	20	20	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-59	1256060.939	245452.3701	NM	20	20	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-59	1256060.939	245452.3701	NM	20	20	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
SB-59	1256060.939	245452.3701	NM	15	15	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-59	1256060.939	245452.3701	NM	15	15	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-59	1256060.939	245452.3701	NM	15	15	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
SB-59	1256060.939	245452.3701	NM	10	10	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-59	1256060.939	245452.3701	NM	10	10	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-59	1256060.939	245452.3701	NM	10	10	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
SB-59	1256060.939	245452.3701	NM	5	5	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	1	U		
SB-59	1256060.939	245452.3701	NM	5	5	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	6100		EXCEED	
SB-59	1256060.939	245452.3701	NM	5	5	InSitu	7/19/2001	GRO	30	5000	30/30	800		EXCEED	
SB-59	1256060.939	245452.3701	NM	2	2	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-59	1256060.939	245452.3701	NM	2	2	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	1000			
SB-59	1256060.939	245452.3701	NM	2	2	InSitu	7/19/2001	GRO	30	5000	30/30	66		EXCEED	
SB-54	1256248.284	245408.9086	NM	10	10	InSitu	7/16/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-54	1256248.284	245408.9086	NM	10	10	InSitu	7/16/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-54	1256248.284	245408.9086	NM	10	10	InSitu	7/16/2001	GRO	30	5000	30/30	5	U		
SB-53	1256261.304	245409.603	NM	10	10	InSitu	7/16/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-53	1256261.304	245409.603	NM	10	10	InSitu	7/16/2001	DRO+ORO	2000	12000	2,000/2,000	16			
SB-53	1256261.304	245409.603	NM	10	10	InSitu	7/16/2001	GRO	30	5000	30/30	5	U		
SB-53	1256261.304	245409.603	NM	5	5	InSitu	7/16/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-53	1256261.304	245409.603	NM	5	5	InSitu	7/16/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-53	1256261.304	245409.603	NM	5	5	InSitu	7/16/2001	GRO	30	5000	30/30	5	U		
SB-52	1256256.877	245383.5614	NM	10	10	InSitu	7/16/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-52	1256256.877	245383.5614	NM	10	10	InSitu	7/16/2001	DRO+ORO	2000	12000	2,000/2,000	10			
SB-52	1256256.877	245383.5614	NM	10	10	InSitu	7/16/2001	GRO	30	5000	30/30	5	U		
SB-50	1255837.276	245537.8041	NM	15	15	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-50	1255837.276	245537.8041	NM	15	15	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-50	1255837.276	245537.8041	NM	15	15	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-50	1255837.276	245537.8041	NM	10	10	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-50	1255837.276	245537.8041	NM	10	10	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-50	1255837.276	245537.8041	NM	10	10	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-50	1255837.276	245537.8041	NM	5	5	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-50	1255837.276	245537.8041	NM	5	5	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-50	1255837.276	245537.8041	NM	5	5	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-50	1255837.276	245537.8041	NM	2	2	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-50	1255837.276	245537.8041	NM	2	2	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-50	1255837.276	245537.8041	NM	2	2	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-49	1255812.449	245532.4221	NM	15	15	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-49	1255812.449	245532.4221	NM	15	15	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-49	1255812.449	245532.4221	NM	15	15	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-49	1255812.449	245532.4221	NM	10	10	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-49	1255812.449	245532.4221	NM	10	10	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-49	1255812.449	245532.4221	NM	10	10	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-49	1255812.449	245532.4221	NM	5	5	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	820			
SB-49	1255812.449	245532.4221	NM	5	5	InSitu	11/29/2000	GRO	30	5000	30/30	470		EXCEED	
SB-49	1255812.449	245532.4221	NM	5	5	InSitu	11/29/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-48	1255814.012	245593.5332	NM	25	25	InSitu	11/29/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-48	1255814.012	245593.5332	NM	25	25	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-48	1255814.012	245593.5332	NM	25	25	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-48	1255814.012	245593.5332	NM	20	20	InSitu	11/29/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-48	1255814.012	245593.5332	NM	20	20	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-48	1255814.012	245593.5332	NM	20	20	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-48	1255814.012	245593.5332	NM	15	15	InSitu	11/29/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-48	1255814.012	245593.5332	NM	15	15	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-48	1255814.012	245593.5332	NM	15	15	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-48	1255814.012	245593.5332	NM	10	10	InSitu	11/29/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-48	1255814.012	245593.5332	NM	10	10	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-48	1255814.012	245593.5332	NM	10	10	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-48	1255814.012	245593.5332	NM	5	5	InSitu	11/29/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-48	1255814.012	245593.5332	NM	5	5	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-48	1255814.012	245593.5332	NM	5	5	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-48	1255814.012	245593.5332	NM	2	2	InSitu	11/29/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-48	1255814.012	245593.5332	NM	2	2	InSitu	11/29/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-48	1255814.012	245593.5332	NM	2	2	InSitu	11/29/2000	GRO	30	5000	30/30	5	U		
SB-47	1255804.81	245591.2763	NM	25	25	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-47	1255804.81	245591.2763	NM	25	25	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-47	1255804.81	245591.2763	NM	25	25	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-47	1255804.81	245591.2763	NM	20	20	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-47	1255804.81	245591.2763	NM	20	20	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-47	1255804.81	245591.2763	NM	20	20	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-47	1255804.81	245591.2763	NM	15	15	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-47	1255804.81	245591.2763	NM	15	15	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-47	1255804.81	245591.2763	NM	15	15	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-47	1255804.81	245591.2763	NM	10	10	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-47	1255804.81	245591.2763	NM	10	10	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
SB-47	1255804.81	245591.2763	NM	10	10	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-47	1255804.81	245591.2763	NM	5	5	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-47	1255804.81	245591.2763	NM	5	5	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	250			
SB-47	1255804.81	245591.2763	NM	5	5	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-46	1255804.463	245602.2138	NM	25	25	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-46	1255804.463	245602.2138	NM	25	25	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-46	1255804.463	245602.2138	NM	25	25	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-46	1255804.463	245602.2138	NM	20	20	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-46	1255804.463	245602.2138	NM	20	20	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-46	1255804.463	245602.2138	NM	20	20	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-46	1255804.463	245602.2138	NM	15	15	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-46	1255804.463	245602.2138	NM	15	15	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-46	1255804.463	245602.2138	NM	15	15	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-46	1255804.463	245602.2138	NM	10	10	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-46	1255804.463	245602.2138	NM	10	10	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	11			
SB-46	1255804.463	245602.2138	NM	10	10	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-46	1255804.463	245602.2138	NM	5	5	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-46	1255804.463	245602.2138	NM	5	5	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-46	1255804.463	245602.2138	NM	5	5	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-46	1255804.463	245602.2138	NM	2	2	InSitu	11/28/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-46	1255804.463	245602.2138	NM	2	2	InSitu	11/28/2000	DRO+ORO	2000	12000	2,000/2,000	240			
SB-46	1255804.463	245602.2138	NM	2	2	InSitu	11/28/2000	GRO	30	5000	30/30	5	U		
SB-45	1255897.519	245579.818	NM	5	5	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.5	U		
SB-45	1255897.519	245579.818	NM	5	5	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	2200		EXCEED	
SB-45	1255897.519	245579.818	NM	5	5	InSitu	1/1/2001	GRO	30	5000	30/30	580		EXCEED	
SB-45	1255897.519	245579.818	NM	2	2	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	2.5	U		
SB-45	1255897.519	245579.818	NM	2	2	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	5300		EXCEED	
SB-45	1255897.519	245579.818	NM	2	2	InSitu	1/1/2001	GRO	30	5000	30/30	3900		EXCEED	
SB-40	1255801.685	245502.2138	NM	15	15	InSitu	11/21/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-40	1255801.685	245502.2138	NM	15	15	InSitu	11/21/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-40	1255801.685	245502.2138	NM	15	15	InSitu	11/21/2000	GRO	30	5000	30/30	5	U		
SB-40	1255801.685	245502.2138	NM	15	15	InSitu	11/21/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-40	1255801.685	245502.2138	NM	10	10	InSitu	11/21/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-40	1255801.685	245502.2138	NM	10	10	InSitu	11/21/2000	DRO+ORO	2000	12000	2,000/2,000	8.1			
SB-40	1255801.685	245502.2138	NM	10	10	InSitu	11/21/2000	GRO	30	5000	30/30	5	U		
SB-40	1255801.685	245502.2138	NM	10	10	InSitu	11/21/2000	TCE	0.02	1	0.025/0.0015	0.17		EXCEED	
SB-40	1255801.685	245502.2138	NM	5	5	InSitu	11/21/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-40	1255801.685	245502.2138	NM	5	5	InSitu	11/21/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-40	1255801.685	245502.2138	NM	5	5	InSitu	11/21/2000	GRO	30	5000	30/30	5	U		
SB-40	1255801.685	245502.2138	NM	5	5	InSitu	11/21/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-40	1255801.685	245502.2138	NM	2	2	InSitu	11/21/2000	Benzene	0.02		0.027/0.0017	0.05	U		
SB-40	1255801.685	245502.2138	NM	2	2	InSitu	11/21/2000	DRO+ORO	2000	12000	2,000/2,000	25	U		
SB-40	1255801.685	245502.2138	NM	2	2	InSitu	11/21/2000	GRO	30	5000	30/30	5	U		
SB-40	1255801.685	245502.2138	NM	2	2	InSitu	11/21/2000	TCE	0.02	1	0.025/0.0015	0.1	U		
SB-39	1256273.395	245530.4951		5	5	InSitu, Immobilized	1/1/2001	Benzene	0.02		0.027/0.0017	0.28	U		
SB-39	1256273.395	245530.4951		5	5	InSitu, Immobilized	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	1500			
SB-39	1256273.395	245530.4951		5	5	InSitu, Immobilized	1/1/2001	GRO	30	5000	30/30	610		EXCEED	
SB-39	1256273.395	245530.4951		2	2	InSitu, Immobilized	1/1/2001	Benzene	0.02		0.027/0.0017	0.05	U		
SB-39	1256273.395	245530.4951		2	2	InSitu, Immobilized	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	2900		EXCEED	
SB-39	1256273.395	245530.4951		2	2	InSitu, Immobilized	1/1/2001	GRO	30	5000	30/30	35		EXCEED	
SB-32	1255987.102	245476.476	NM	5	5	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.2	U		
SB-32	1255987.102	245476.476	NM	5	5	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	16			
SB-32	1255987.102	245476.476	NM	5	5	InSitu	1/1/2001	GRO	30	5000	30/30	220		EXCEED	
SB-27	1256108.682	245428.7155	NM	5	5	InSitu	11/1/2000	Benzene	0.02		0.027/0.0017	0.1	U		
SB-27	1256108.682	245428.7155	NM	5	5	InSitu	11/1/2000	DRO+ORO	2000	12000	2,000/2,000	1200			
SB-27	1256108.682	245428.7155	NM	5	5	InSitu	11/1/2000	GRO	30	5000	30/30	120		EXCEED	
SB-22	1256512.863	245164.2045	NM	10	10	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.25	U		
SB-22	1256512.863	245164.2045	NM	10	10	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	6500		EXCEED	
SB-22	1256512.863	245164.2045	NM	10	10	InSitu	1/1/2001	GRO	30	5000	30/30	290		EXCEED	
SB-22	1256512.863	245164.2045	NM	5	5	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.25	U		
SB-22	1256512.863	245164.2045	NM	5	5	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	19			
SB-22	1256512.863	245164.2045	NM	5	5	InSitu	1/1/2001	GRO	30	5000	30/30	270		EXCEED	
SB-19	1256382.553	245490.1305	NM	5	5	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.5	U		
SB-19	1256382.553	245490.1305	NM	5	5	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	1300			
SB-19	1256382.553	245490.1305	NM	5	5	InSitu	1/1/2001	GRO	30	5000	30/30	960		EXCEED	
SB-19	1256382.553	245490.1305	NM	2	2	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	1	U		
SB-19	1256382.553	245490.1305	NM	2	2	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	4100		EXCEED	
SB-19	1256382.553	245490.1305	NM	2	2	InSitu	1/1/2001	GRO	30	5000	30/30	1500		EXCEED	
SB-15	1256377.128	245307.4048	NM	2	2	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.5	U		
SB-15	1256377.128	245307.4048	NM	2	2	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	3200		EXCEED	
SB-15	1256377.128	245307.4048	NM	2	2	InSitu	1/1/2001	GRO	30	5000	30/30	900		EXCEED	
S1	1256171.971	245551.8801	NM	9	9	InSitu	9/16/1991	Benzene	0.02		0.027/0.0017	0.22	U		
S1	1256171.971	245551.8801	NM	9	9	InSitu	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	76			
S1	1256171.971	245551.8801	NM	9	9	InSitu	9/16/1991	GRO	30	5000	30/30	19			
PI2	1256186.945	245524.6665		4	4	InSitu, Immobilized	9/16/1991	Benzene	0.02		0.027/0.0017	27		EXCEED	
PI2	1256186.945	245524.6665		4	4	InSitu, Immobilized	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	66			
PI2	1256186.945	245524.6665		4	4	InSitu, Immobilized	9/16/1991	GRO	30	5000	30/30	1300		EXCEED	
PI1	1256187.335	245543.1561		4	4	InSitu, Immobilized	9/16/1991	Benzene	0.02		0.027/0.0017	330		EXCEED	
PI1	1256187.335	245543.1561		4	4	InSitu, Immobilized	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	220			
PI1	1256187.335	245543.1561		4	4	InSitu, Immobilized	9/16/1991	GRO	30	5000	30/30	12000		EXCEED	EXCEED
NW1	1256156.867	245571.5415	NM	11.5	11.5	InSitu	9/16/1991	Benzene	0.02		0.027/0.0017	0.005			
NW1	1256156.867	245571.5415	NM	11.5	11.5	InSitu	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	50	U		
NW1	1256156.867	245571.5415	NM	11.5	11.5	InSitu	9/16/1991	GRO	30	5000	30/30	2	U		
NSW/WSW	1256186.474	245481.6708	NM	4.5	4.5	InSitu	6/24/2010	Benzene	0.02		0.027/0.0017	0.02	U		
NSW/WSW	1256186.474	245481.6708	NM	4.5	4.5	InSitu	6/24/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
N1	1256170.148	245572.0624	NM	12	12	InSitu	9/16/1991	Benzene	0.02		0.027/0.0017	0.003			
N1	1256170.148	245572.0624	NM	12	12	InSitu	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	17			
N1	1256170.148	245572.0624	NM	12	12	InSitu	9/16/1991	GRO	30	5000	30/30	2	U		
MW06	1255807.834	245589.7193	45.76	21.5	21.5	InSitu	4/19/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
MW06	1255807.834	245589.7193	45.76	21.5	21.5	InSitu	4/19/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
MW06	1255807.834	245589.7193	45.76	21.5	21.5	InSitu	4/19/2006	GRO	30	5000	30/30	5.3	U		
MW06	1255807.834	245589.7193	45.76	21.5	21.5	InSitu	4/19/2006	TCE	0.02	1	0.025/0.0015	0.0024	U		
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	Benzene	0.02		0.027/0.0017	0.0012	U		
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	DRO+ORO	2000	12000	2,000/2,000	4700		EXCEED	
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	DRO+ORO	2000	12000	2,000/2,000	2300		EXCEED	
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	GRO	30	5000	30/30	140	CN	EXCEED	
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	GRO	30	5000	30/30	81	CN	EXCEED	
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	TCE	0.02	1	0.025/0.0015	0.0024	U		
MW06	1255807.834	245589.7193	45.76	2	2	InSitu	4/19/2006	TCE	0.02	1	0.025/0.0015	0.002	U		
MW05	1255843.43	245549.8824	45.82	22.5	22.5	InSitu	4/19/2006	Benzene	0.02		0.027/0.0017	0.0046			
MW05	1255843.43	245549.8824	45.82	22.5	22.5	InSitu	4/19/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
MW05	1255843.43	245549.8824	45.82	22.5	22.5	InSitu	4/19/2006	GRO	30	5000	30/30	4.8	U		
MW05	1255843.43	245549.8824	45.82	22.5	22.5	InSitu	4/19/2006	TCE	0.02	1	0.025/0.0015	5.4		EXCEED	EXCEED
MW05	1255843.43	245549.8824	45.82	1.5	1.5	InSitu	4/19/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
MW05	1255843.43	245549.8824	45.82	1.5	1.5	InSitu	4/19/2006	DRO+ORO	2000	12000	2,000/2,000	200			
MW05	1255843.43	245549.8824	45.82	1.5	1.5	InSitu	4/19/2006	GRO	30	5000	30/30	57	CN	EXCEED	
MW05	1255843.43	245549.8824	45.82	1.5	1.5	InSitu	4/19/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
MW04	1255818.651	245542.3071	46.27	22	22	InSitu	4/18/2006	Benzene	0.02		0.027/0.0017	0.0018	U		
MW04	1255818.651	245542.3071	46.27	22	22	InSitu	4/18/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
MW04	1255818.651	245542.3071	46.27	22	22	InSitu	4/18/2006	GRO	30	5000	30/30	5	U		
MW04	1255818.651	245542.3071	46.27	22	22	InSitu	4/18/2006	TCE	0.02	1	0.025/0.0015	0.003	U		
MW04	1255818.651	245542.3071	46.27	10	10	InSitu	4/18/2006	Benzene	0.02		0.027/0.0017	0.0013	U		
MW04	1255818.651	245542.3071	46.27	10	10	InSitu	4/18/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
MW04	1255818.651	245542.3071	46.27	10	10	InSitu	4/18/2006	GRO	30	5000	30/30	4.7	U		
MW04	1255818.651	245542.3071	46.27	10	10	InSitu	4/18/2006	TCE	0.02	1	0.025/0.0015	0.0022	U		
MW03	1255806.658	245528.2648	46.2	16	16	InSitu	4/18/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
MW03	1255806.658	245528.2648	46.2	16	16	InSitu	4/18/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
MW03	1255806.658	245528.2648	46.2	16	16	InSitu	4/18/2006	GRO	30	5000	30/30	5.2	U		
MW03	1255806.658	245528.2648	46.2	16	16	InSitu	4/18/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
MW03	1255806.658	245528.2648	46.2	12	12	InSitu	4/18/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
MW03	1255806.658	245528.2648	46.2	12	12	InSitu	4/18/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
MW03	1255806.658	245528.2648	46.2	12	12	InSitu	4/18/2006	GRO	30	5000	30/30	5.4	U		
MW03	1255806.658	245528.2648	46.2	12	12	InSitu	4/18/2006	TCE	0.02	1	0.025/0.0015	0.0023	U		
MW03	1255806.658	245528.2648	46.2	6	6	InSitu	4/18/2006	Benzene	0.02		0.027/0.0017	0.14	U		
MW03	1255806.658	245528.2648	46.2	6	6	InSitu	4/18/2006	DRO+ORO	2000	12000	2,000/2,000	2200		EXCEED	
MW03	1255806.658	245528.2648	46.2	6	6	InSitu	4/18/2006	GRO	30	5000	30/30	4700	CN	EXCEED	
MW03	1255806.658	245528.2648	46.2	6	6	InSitu	4/18/2006	TCE	0.02	1	0.025/0.0015	0.14	U		
MW02	1255701.301	245596.6405	46.73	11	11	InSitu	4/17/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
MW02	1255701.301	245596.6405	46.73	11	11	InSitu	4/17/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
MW02	1255701.301	245596.6405	46.73	11	11	InSitu	4/17/2006	GRO	30	5000	30/30	5.1	U		
MW02	1255701.301	245596.6405	46.73	11	11	InSitu	4/17/2006	TCE	0.02	1	0.025/0.0015	0.0031			
MW02	1255701.301	245596.6405	46.73	4.5	4.5	InSitu	4/17/2006	Benzene	0.02		0.027/0.0017	0.0013	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
MW02	1255701.301	245596.6405	46.73	4.5	4.5	InSitu	4/17/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
MW02	1255701.301	245596.6405	46.73	4.5	4.5	InSitu	4/17/2006	GRO	30	5000	30/30	5.6	U		
MW02	1255701.301	245596.6405	46.73	4.5	4.5	InSitu	4/17/2006	TCE	0.02	1	0.025/0.0015	0.0022	U		
MW01	1255705.618	245538.6769	46.44	11	11	InSitu	4/17/2006	Benzene	0.02		0.027/0.0017	0.0017	U		
MW01	1255705.618	245538.6769	46.44	11	11	InSitu	4/17/2006	DRO+ORO	2000	12000	2,000/2,000	26	U		
MW01	1255705.618	245538.6769	46.44	11	11	InSitu	4/17/2006	GRO	30	5000	30/30	4.9	U		
MW01	1255705.618	245538.6769	46.44	11	11	InSitu	4/17/2006	TCE	0.02	1	0.025/0.0015	0.0029	U		
M2-NE-EX03-SSW01	1256204.82	245400.38	NM	1	1	InSitu	9/21/2012	Benzene	0.02		0.027/0.0017	0.046		EXCEED	
M2-NE-EX03-SSW01	1256204.82	245400.38	NM	1	1	InSitu	9/21/2012	DRO+ORO	2000	12000	2,000/2,000	1100			
M2-NE-EX03-SSW01	1256204.82	245400.38	NM	1	1	InSitu	9/21/2012	GRO	30	5000	30/30	16			
LR07	1256231.729	245558.7069		15	15	InSitu, Immobilized	12/1/2002	Benzene	0.02		0.027/0.0017	2.5		EXCEED	
LR07	1256231.729	245558.7069		15	15	InSitu, Immobilized	12/1/2002	DRO+ORO	2000	12000	2,000/2,000	11000		EXCEED	
LR07	1256231.729	245558.7069		15	15	InSitu, Immobilized	12/1/2002	GRO	30	5000	30/30	1400		EXCEED	
LR07	1256231.729	245558.7069		10	10	InSitu, Immobilized	12/1/2002	Benzene	0.02		0.027/0.0017	0.3	U		
LR07	1256231.729	245558.7069		10	10	InSitu, Immobilized	12/1/2002	DRO+ORO	2000	12000	2,000/2,000	5800		EXCEED	
LR07	1256231.729	245558.7069		10	10	InSitu, Immobilized	12/1/2002	GRO	30	5000	30/30	530		EXCEED	
LR07	1256231.729	245558.7069		5	5	InSitu, Immobilized	12/1/2002	Benzene	0.02		0.027/0.0017	1.1		EXCEED	
LR07	1256231.729	245558.7069		5	5	InSitu, Immobilized	12/1/2002	DRO+ORO	2000	12000	2,000/2,000	4200		EXCEED	
LR07	1256231.729	245558.7069		5	5	InSitu, Immobilized	12/1/2002	GRO	30	5000	30/30	1500		EXCEED	
LR06	1256254.298	245558.4898		15	15	InSitu, Immobilized	12/1/2002	Benzene	0.02		0.027/0.0017	0.03	U		
LR06	1256254.298	245558.4898		15	15	InSitu, Immobilized	12/1/2002	DRO+ORO	2000	12000	2,000/2,000	10			
LR06	1256254.298	245558.4898		15	15	InSitu, Immobilized	12/1/2002	GRO	30	5000	30/30	5.7			
LR06	1256254.298	245558.4898		10	10	InSitu, Immobilized	12/1/2002	Benzene	0.02		0.027/0.0017	0.03	U		
LR06	1256254.298	245558.4898		10	10	InSitu, Immobilized	12/1/2002	DRO+ORO	2000	12000	2,000/2,000	320			
LR06	1256254.298	245558.4898		10	10	InSitu, Immobilized	12/1/2002	GRO	30	5000	30/30	5	U		
LR06	1256254.298	245558.4898		5	5	InSitu, Immobilized	12/1/2002	Benzene	0.02		0.027/0.0017	0.03	U		
LR06	1256254.298	245558.4898		5	5	InSitu, Immobilized	12/1/2002	DRO+ORO	2000	12000	2,000/2,000	18			
LR06	1256254.298	245558.4898		5	5	InSitu, Immobilized	12/1/2002	GRO	30	5000	30/30	38		EXCEED	
LR05	1256231.078	245568.6895	NM	15	15	InSitu	12/4/2002	Benzene	0.02		0.027/0.0017	0.6	U		
LR05	1256231.078	245568.6895	NM	15	15	InSitu	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	5800		EXCEED	
LR05	1256231.078	245568.6895	NM	15	15	InSitu	12/4/2002	GRO	30	5000	30/30	940		EXCEED	
LR03	1256211.98	245555.0176		15	15	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	6.7		EXCEED	
LR03	1256211.98	245555.0176		15	15	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	18000		EXCEED	EXCEED
LR03	1256211.98	245555.0176		15	15	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	1900		EXCEED	
LR03	1256211.98	245555.0176		10	10	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	1.5		EXCEED	
LR03	1256211.98	245555.0176		10	10	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	19000		EXCEED	EXCEED
LR03	1256211.98	245555.0176		10	10	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	1500		EXCEED	
LR03	1256211.98	245555.0176		5	5	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	0.06	U		
LR03	1256211.98	245555.0176		5	5	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	220			
LR03	1256211.98	245555.0176		5	5	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	60		EXCEED	
LR02	1256223.699	245543.9499		20	20	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	0.087		EXCEED	
LR02	1256223.699	245543.9499		20	20	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
LR02	1256223.699	245543.9499		20	20	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	52		EXCEED	
LR02	1256223.699	245543.9499		15	15	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	1.1		EXCEED	
LR02	1256223.699	245543.9499		15	15	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	20000		EXCEED	EXCEED
LR02	1256223.699	245543.9499		15	15	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	1300		EXCEED	
LR02	1256223.699	245543.9499		10	10	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	0.83		EXCEED	
LR02	1256223.699	245543.9499		10	10	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	12000		EXCEED	
LR02	1256223.699	245543.9499		10	10	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	1100		EXCEED	
LR02	1256223.699	245543.9499		5	5	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	0.03	U		
LR02	1256223.699	245543.9499		5	5	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	280			
LR02	1256223.699	245543.9499		5	5	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	5	U		
LR01	1256243.23	245544.3839		20	20	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	1.4		EXCEED	
LR01	1256243.23	245544.3839		20	20	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
LR01	1256243.23	245544.3839		20	20	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	5			
LR01	1256243.23	245544.3839		15	15	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.89		EXCEED	
LR01	1256243.23	245544.3839		15	15	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	14000		EXCEED	EXCEED
LR01	1256243.23	245544.3839		15	15	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	1400		EXCEED	
LR01	1256243.23	245544.3839		10	10	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.03	U		
LR01	1256243.23	245544.3839		10	10	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	2700		EXCEED	
LR01	1256243.23	245544.3839		10	10	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	180		EXCEED	
LR01	1256243.23	245544.3839		5	5	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.39		EXCEED	
LR01	1256243.23	245544.3839		5	5	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	7400		EXCEED	
LR01	1256243.23	245544.3839		5	5	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	250		EXCEED	
I03-EX01-SSW01	1256121.473	245828.7676	NM	5	5	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
I03-EX01-SSW01	1256121.473	245828.7676	NM	5	5	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
I03-EX01-SSW01	1256121.473	245828.7676	NM	5	5	InSitu	10/7/2013	GRO	30	5000	30/30	2	U		
I03-EX01-NSW01	1256118.361	245845.2389	NM	5	5	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
I03-EX01-NSW01	1256118.361	245845.2389	NM	5	5	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
I03-EX01-NSW01	1256118.361	245845.2389	NM	5	5	InSitu	10/7/2013	GRO	30	5000	30/30	2	U		
I03-EX01-ESW01	1256127.886	245837.3487	NM	5	5	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
I03-EX01-ESW01	1256127.886	245837.3487	NM	5	5	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
I03-EX01-ESW01	1256127.886	245837.3487	NM	5	5	InSitu	10/7/2013	GRO	30	5000	30/30	2	U		
I03-EX01-BTM01	1256115.483	245834.7572	NM	6	6	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
I03-EX01-BTM01	1256115.483	245834.7572	NM	6	6	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
I03-EX01-BTM01	1256115.483	245834.7572	NM	6	6	InSitu	10/7/2013	GRO	30	5000	30/30	2	U		
HQ-W	1256159.601	245568.677	NM	8	8	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.02	U		
HQ-W	1256159.601	245568.677	NM	8	8	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
HQ-W	1256159.601	245568.677	NM	8	8	InSitu	4/22/2006	GRO	30	5000	30/30	6	U		
HQ-S	1256167.414	245565.552	NM	8	8	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.024	U		
HQ-S	1256167.414	245565.552	NM	8	8	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	36	U		
HQ-S	1256167.414	245565.552	NM	8	8	InSitu	4/22/2006	GRO	30	5000	30/30	7.4	U		
HQ-N	1256167.544	245570.8905	NM	8	8	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.02	U		
HQ-N	1256167.544	245570.8905	NM	8	8	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
HQ-N	1256167.544	245570.8905	NM	8	8	InSitu	4/22/2006	GRO	30	5000	30/30	5	U		
HQ-E	1256174.705	245568.1561	NM	8	8	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.021	U		
HQ-E	1256174.705	245568.1561	NM	8	8	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	130			
HQ-E	1256174.705	245568.1561	NM	8	8	InSitu	4/22/2006	GRO	30	5000	30/30	78		EXCEED	
HQ-B	1256167.414	245568.5468	NM	12	12	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.03		EXCEED	
HQ-B	1256167.414	245568.5468	NM	12	12	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
HQ-B	1256167.414	245568.5468	NM	12	12	InSitu	4/22/2006	GRO	30	5000	30/30	4.9	U		
H06-EX01-ESW04	1256091.22	245767.5521	NM	16	16	InSitu	10/15/2013	Benzene	0.02		0.027/0.0017	0.02	U		
H06-EX01-ESW04	1256091.22	245767.5521	NM	16	16	InSitu	10/15/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H06-EX01-ESW04	1256091.22	245767.5521	NM	16	16	InSitu	10/15/2013	GRO	30	5000	30/30	3.2			
H06-EX01-ESW03	1256091.133	245769.9743	NM	15	15	InSitu	10/15/2013	Benzene	0.02		0.027/0.0017	0.02	U		
H06-EX01-ESW03	1256091.133	245769.9743	NM	15	15	InSitu	10/15/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H06-EX01-ESW03	1256091.133	245769.9743	NM	15	15	InSitu	10/15/2013	GRO	30	5000	30/30	2	U		
H06-EX01-ESW01	1256090.884	245772.5261	NM	8	8	InSitu	10/15/2013	Benzene	0.02		0.027/0.0017	0.02	U		
H06-EX01-ESW01	1256090.884	245772.5261	NM	8	8	InSitu	10/15/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H06-EX01-ESW01	1256090.884	245772.5261	NM	8	8	InSitu	10/15/2013	GRO	30	5000	30/30	2	U		
H03-EX01-NSW01	1256098.965	245839.2681	NM	5.5	5.5	InSitu	10/8/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H03-EX01-BTM01	1256096.894	245830.6185	NM	6.5	6.5	InSitu	10/8/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H02-EX01-ESW01	1256098.524	245862.2556	NM	4	4	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
H02-EX01-ESW01	1256098.524	245862.2556	NM	4	4	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H02-EX01-ESW01	1256098.524	245862.2556	NM	4	4	InSitu	10/7/2013	GRO	30	5000	30/30	3.5			
H02-EX01-BTM01	1256095.575	245857.4179	NM	5	5	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
H02-EX01-BTM01	1256095.575	245857.4179	NM	5	5	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
H02-EX01-BTM01	1256095.575	245857.4179	NM	5	5	InSitu	10/7/2013	GRO	30	5000	30/30	2	U		
GP26	1256099.389	245806.084	NM	12	12	InSitu	10/12/2007	Benzene	0.02		0.027/0.0017	0.02	U		
GP26	1256099.389	245806.084	NM	12	12	InSitu	10/12/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
GP26	1256099.389	245806.084	NM	12	12	InSitu	10/12/2007	GRO	30	5000	30/30	3			
GP26	1256099.389	245806.084	NM	5	5	InSitu	10/12/2007	Benzene	0.02		0.027/0.0017	0.02	U		
GP26	1256099.389	245806.084	NM	5	5	InSitu	10/12/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
GP26	1256099.389	245806.084	NM	5	5	InSitu	10/12/2007	GRO	30	5000	30/30	19			
GP22	1256100.81	245699.8122	NM	15	15	InSitu	10/11/2007	Benzene	0.02		0.027/0.0017	0.02	U		
GP22	1256100.81	245699.8122	NM	15	15	InSitu	10/11/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
GP22	1256100.81	245699.8122	NM	15	15	InSitu	10/11/2007	GRO	30	5000	30/30	2	U		
GP22	1256100.81	245699.8122	NM	8	8	InSitu	10/11/2007	Benzene	0.02		0.027/0.0017	0.02	U		
GP22	1256100.81	245699.8122	NM	8	8	InSitu	10/11/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
GP22	1256100.81	245699.8122	NM	8	8	InSitu	10/11/2007	GRO	30	5000	30/30	2	U		
GP22	1256100.81	245699.8122	NM	4	4	InSitu	10/11/2007	Benzene	0.02		0.027/0.0017	0.02	U		
GP22	1256100.81	245699.8122	NM	4	4	InSitu	10/11/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
GP22	1256100.81	245699.8122	NM	4	4	InSitu	10/11/2007	GRO	30	5000	30/30	2	U		
GP14	1256368.714	245471.1001	NM	15	15	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.0009	U		
GP14	1256368.714	245471.1001	NM	15	15	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
GP14	1256368.714	245471.1001	NM	15	15	InSitu	9/1/2006	GRO	30	5000	30/30	5	U		
GP14	1256368.714	245471.1001	NM	15	15	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0015	U		
GP14	1256368.714	245471.1001	NM	10	10	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.074		EXCEED	
GP14	1256368.714	245471.1001	NM	10	10	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP14	1256368.714	245471.1001	NM	10	10	InSitu	9/1/2006	GRO	30	5000	30/30	5.2	U		
GP14	1256368.714	245471.1001	NM	10	10	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP14	1256368.714	245471.1001	NM	7	7	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.012			
GP14	1256368.714	245471.1001	NM	7	7	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	1400			

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
GP14	1256368.714	245471.1001	NM	7	7	InSitu	9/1/2006	GRO	30	5000	30/30	12			
GP14	1256368.714	245471.1001	NM	7	7	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0019	U		
GP13	1256440.629	245466.5751	NM	14	14	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.00094	U		
GP13	1256440.629	245466.5751	NM	14	14	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP13	1256440.629	245466.5751	NM	14	14	InSitu	9/1/2006	GRO	30	5000	30/30	4.3	U		
GP13	1256440.629	245466.5751	NM	14	14	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP13	1256440.629	245466.5751	NM	12	12	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.0017			
GP13	1256440.629	245466.5751	NM	12	12	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
GP13	1256440.629	245466.5751	NM	12	12	InSitu	9/1/2006	GRO	30	5000	30/30	4.6	U		
GP13	1256440.629	245466.5751	NM	12	12	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP13	1256440.629	245466.5751	NM	8	8	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.0011	U		
GP13	1256440.629	245466.5751	NM	8	8	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
GP13	1256440.629	245466.5751	NM	8	8	InSitu	9/1/2006	GRO	30	5000	30/30	5.1	U		
GP13	1256440.629	245466.5751	NM	8	8	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0019	U		
GP12	1256528.268	245401.2764	NM	15	15	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP12	1256528.268	245401.2764	NM	15	15	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
GP12	1256528.268	245401.2764	NM	15	15	InSitu	9/1/2006	GRO	30	5000	30/30	4.8	U		
GP12	1256528.268	245401.2764	NM	15	15	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP12	1256528.268	245401.2764	NM	12	12	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP12	1256528.268	245401.2764	NM	12	12	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP12	1256528.268	245401.2764	NM	12	12	InSitu	9/1/2006	GRO	30	5000	30/30	5.1	U		
GP12	1256528.268	245401.2764	NM	12	12	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP11	1256440.493	245387.113	NM	15	15	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.00092	U		
GP11	1256440.493	245387.113	NM	15	15	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP11	1256440.493	245387.113	NM	15	15	InSitu	9/1/2006	GRO	30	5000	30/30	4.4	U		
GP11	1256440.493	245387.113	NM	15	15	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0015	U		
GP11	1256440.493	245387.113	NM	10	10	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP11	1256440.493	245387.113	NM	10	10	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP11	1256440.493	245387.113	NM	10	10	InSitu	9/1/2006	GRO	30	5000	30/30	4.9	U		
GP11	1256440.493	245387.113	NM	10	10	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP11	1256440.493	245387.113	NM	8	8	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.00097	U		
GP11	1256440.493	245387.113	NM	8	8	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
GP11	1256440.493	245387.113	NM	8	8	InSitu	9/1/2006	GRO	30	5000	30/30	5	U		
GP11	1256440.493	245387.113	NM	8	8	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP10	1256366.39	245391.5618	NM	15	15	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.45		EXCEED	
GP10	1256366.39	245391.5618	NM	15	15	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP10	1256366.39	245391.5618	NM	15	15	InSitu	9/1/2006	GRO	30	5000	30/30	6.4			
GP10	1256366.39	245391.5618	NM	15	15	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP09	1256168.872	245315.0541	NM	15	15	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
GP09	1256168.872	245315.0541	NM	15	15	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP09	1256168.872	245315.0541	NM	15	15	InSitu	9/1/2006	GRO	30	5000	30/30	5.4	U		
GP09	1256168.872	245315.0541	NM	15	15	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0026	U		
GP09	1256168.872	245315.0541	NM	12	12	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
GP09	1256168.872	245315.0541	NM	12	12	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP09	1256168.872	245315.0541	NM	12	12	InSitu	9/1/2006	GRO	30	5000	30/30	5.6	U		
GP09	1256168.872	245315.0541	NM	12	12	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0027	U		
GP09	1256168.872	245315.0541	NM	8	8	InSitu	9/1/2006	Benzene	0.02		0.027/0.0017	0.0017	U		
GP09	1256168.872	245315.0541	NM	8	8	InSitu	9/1/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP09	1256168.872	245315.0541	NM	8	8	InSitu	9/1/2006	GRO	30	5000	30/30	5.3	U		
GP09	1256168.872	245315.0541	NM	8	8	InSitu	9/1/2006	TCE	0.02	1	0.025/0.0015	0.0029	U		
GP08	1256248.835	245331.7657	NM	15	15	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00089	U		
GP08	1256248.835	245331.7657	NM	15	15	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP08	1256248.835	245331.7657	NM	15	15	InSitu	8/31/2006	GRO	30	5000	30/30	4.8	U		
GP08	1256248.835	245331.7657	NM	15	15	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0015	U		
GP08	1256248.835	245331.7657	NM	12	12	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00098	U		
GP08	1256248.835	245331.7657	NM	12	12	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP08	1256248.835	245331.7657	NM	12	12	InSitu	8/31/2006	GRO	30	5000	30/30	4.6	U		
GP08	1256248.835	245331.7657	NM	12	12	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP08	1256248.835	245331.7657	NM	6	6	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.0011	U		
GP08	1256248.835	245331.7657	NM	6	6	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	33	U		
GP08	1256248.835	245331.7657	NM	6	6	InSitu	8/31/2006	GRO	30	5000	30/30	4.8	U		
GP08	1256248.835	245331.7657	NM	6	6	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0018	U		
GP08	1256248.835	245331.7657	NM	2.5	2.5	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.5		EXCEED	
GP08	1256248.835	245331.7657	NM	2.5	2.5	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	620			
GP08	1256248.835	245331.7657	NM	2.5	2.5	InSitu	8/31/2006	GRO	30	5000	30/30	760	CN	EXCEED	
GP08	1256248.835	245331.7657	NM	2.5	2.5	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.099	U		
GP07	1256368.539	245326.8815	NM	12	12	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00094	U		
GP07	1256368.539	245326.8815	NM	12	12	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP07	1256368.539	245326.8815	NM	12	12	InSitu	8/31/2006	GRO	30	5000	30/30	4.9	U		
GP07	1256368.539	245326.8815	NM	12	12	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP07	1256368.539	245326.8815	NM	5.5	5.5	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP07	1256368.539	245326.8815	NM	5.5	5.5	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP07	1256368.539	245326.8815	NM	5.5	5.5	InSitu	8/31/2006	GRO	30	5000	30/30	5	U		
GP07	1256368.539	245326.8815	NM	5.5	5.5	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP06	1256421.903	245330.5498	NM	15	15	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP06	1256421.903	245330.5498	NM	15	15	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP06	1256421.903	245330.5498	NM	15	15	InSitu	8/31/2006	GRO	30	5000	30/30	4.6	U		
GP06	1256421.903	245330.5498	NM	15	15	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP06	1256421.903	245330.5498	NM	9.5	9.5	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00097	U		
GP06	1256421.903	245330.5498	NM	9.5	9.5	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
GP06	1256421.903	245330.5498	NM	9.5	9.5	InSitu	8/31/2006	GRO	30	5000	30/30	5	U		
GP06	1256421.903	245330.5498	NM	9.5	9.5	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP06	1256421.903	245330.5498	NM	2	2	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.11	U		
GP06	1256421.903	245330.5498	NM	2	2	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	12000		EXCEED	
GP06	1256421.903	245330.5498	NM	2	2	InSitu	8/31/2006	GRO	30	5000	30/30	760	CN	EXCEED	
GP06	1256421.903	245330.5498	NM	2	2	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.11	U		
GP05	1256519.919	245331.3517	NM	15	15	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.0011	U		
GP05	1256519.919	245331.3517	NM	15	15	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP05	1256519.919	245331.3517	NM	15	15	InSitu	8/31/2006	GRO	30	5000	30/30	4.4	U		
GP05	1256519.919	245331.3517	NM	15	15	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP05	1256519.919	245331.3517	NM	12	12	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.0011	U		
GP05	1256519.919	245331.3517	NM	12	12	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP05	1256519.919	245331.3517	NM	12	12	InSitu	8/31/2006	GRO	30	5000	30/30	4.7	U		
GP05	1256519.919	245331.3517	NM	12	12	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0019	U		
GP05	1256519.919	245331.3517	NM	8	8	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP05	1256519.919	245331.3517	NM	8	8	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP05	1256519.919	245331.3517	NM	8	8	InSitu	8/31/2006	GRO	30	5000	30/30	4.5	U		
GP05	1256519.919	245331.3517	NM	8	8	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP04	1256528.302	245227.2124	NM	15	15	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP04	1256528.302	245227.2124	NM	15	15	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
GP04	1256528.302	245227.2124	NM	15	15	InSitu	8/31/2006	GRO	30	5000	30/30	5	U		
GP04	1256528.302	245227.2124	NM	15	15	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP04	1256528.302	245227.2124	NM	10	10	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP04	1256528.302	245227.2124	NM	10	10	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
GP04	1256528.302	245227.2124	NM	10	10	InSitu	8/31/2006	GRO	30	5000	30/30	4.9	U		
GP04	1256528.302	245227.2124	NM	10	10	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP04	1256528.302	245227.2124	NM	8	8	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00095	U		
GP04	1256528.302	245227.2124	NM	8	8	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP04	1256528.302	245227.2124	NM	8	8	InSitu	8/31/2006	GRO	30	5000	30/30	5.1	U		
GP04	1256528.302	245227.2124	NM	8	8	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP03	1256449.544	245225.4693	NM	12	12	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.0011	U		
GP03	1256449.544	245225.4693	NM	12	12	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP03	1256449.544	245225.4693	NM	12	12	InSitu	8/31/2006	GRO	30	5000	30/30	4.9	U		
GP03	1256449.544	245225.4693	NM	12	12	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0019	U		
GP03	1256449.544	245225.4693	NM	6	6	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP03	1256449.544	245225.4693	NM	6	6	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP03	1256449.544	245225.4693	NM	6	6	InSitu	8/31/2006	GRO	30	5000	30/30	5.5	U		
GP03	1256449.544	245225.4693	NM	6	6	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP02	1256356.295	245229.0162	NM	15	15	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP02	1256356.295	245229.0162	NM	15	15	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP02	1256356.295	245229.0162	NM	15	15	InSitu	8/31/2006	GRO	30	5000	30/30	4.8	U		
GP02	1256356.295	245229.0162	NM	15	15	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP02	1256356.295	245229.0162	NM	11	11	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00096	U		
GP02	1256356.295	245229.0162	NM	11	11	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP02	1256356.295	245229.0162	NM	11	11	InSitu	8/31/2006	GRO	30	5000	30/30	4.3	U		
GP02	1256356.295	245229.0162	NM	11	11	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0016	U		
GP02	1256356.295	245229.0162	NM	8	8	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.001	U		
GP02	1256356.295	245229.0162	NM	8	8	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
GP02	1256356.295	245229.0162	NM	8	8	InSitu	8/31/2006	GRO	30	5000	30/30	4.7	U		
GP02	1256356.295	245229.0162	NM	8	8	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0017	U		
GP01	1256254.364	245225.8115	NM	15	15	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.00091	U		
GP01	1256254.364	245225.8115	NM	15	15	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
GP01	1256254.364	245225.8115	NM	15	15	InSitu	8/31/2006	GRO	30	5000	30/30	4.7	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
GP01	1256254.364	245225.8115	NM	15	15	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0015	U		
GP01	1256254.364	245225.8115	NM	11	11	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.0008			
GP01	1256254.364	245225.8115	NM	11	11	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
GP01	1256254.364	245225.8115	NM	11	11	InSitu	8/31/2006	GRO	30	5000	30/30	4.4	U		
GP01	1256254.364	245225.8115	NM	11	11	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.00082	U		
GP01	1256254.364	245225.8115	NM	8	8	InSitu	8/31/2006	Benzene	0.02		0.027/0.0017	0.0034			
GP01	1256254.364	245225.8115	NM	8	8	InSitu	8/31/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
GP01	1256254.364	245225.8115	NM	8	8	InSitu	8/31/2006	GRO	30	5000	30/30	6	U		
GP01	1256254.364	245225.8115	NM	8	8	InSitu	8/31/2006	TCE	0.02	1	0.025/0.0015	0.0018	U		
G07-EX01-BTM01	1256080.391	245762.578	NM	12	12	InSitu	10/15/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G07-EX01-BTM01	1256080.391	245762.578	NM	12	12	InSitu	10/15/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G07-EX01-BTM01	1256080.391	245762.578	NM	12	12	InSitu	10/15/2013	GRO	30	5000	30/30	2	U		
G06-EX01-BTM03	1256078.039	245776.2066	NM	10.5	10.5	InSitu	10/14/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G06-EX01-BTM03	1256078.039	245776.2066	NM	10.5	10.5	InSitu	10/14/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G06-EX01-BTM03	1256078.039	245776.2066	NM	10.5	10.5	InSitu	10/14/2013	GRO	30	5000	30/30	2	U		
G05-EX01-ESW02	1256090.377	245789.2675	NM	7	7	InSitu	10/10/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G05-EX01-ESW02	1256090.377	245789.2675	NM	7	7	InSitu	10/10/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G05-EX01-ESW02	1256090.377	245789.2675	NM	7	7	InSitu	10/10/2013	GRO	30	5000	30/30	2.5			
G05-EX01-BTM11	1256076.504	245793.2174	NM	16	16	InSitu	10/17/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G05-EX01-BTM11	1256076.504	245793.2174	NM	16	16	InSitu	10/17/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G05-EX01-BTM11	1256076.504	245793.2174	NM	16	16	InSitu	10/17/2013	GRO	30	5000	30/30	2.6			
G05-EX01-BTM03	1256074.67	245796.1395	NM	6	6	InSitu	10/10/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G05-EX01-BTM03	1256074.67	245796.1395	NM	6	6	InSitu	10/10/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G05-EX01-BTM03	1256074.67	245796.1395	NM	6	6	InSitu	10/10/2013	GRO	30	5000	30/30	24			
G04-EX01-BTM04	1256078.601	245812.0768	NM	14	14	InSitu	10/16/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G04-EX01-BTM04	1256078.601	245812.0768	NM	14	14	InSitu	10/16/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G04-EX01-BTM04	1256078.601	245812.0768	NM	14	14	InSitu	10/16/2013	GRO	30	5000	30/30	2	U		
G04-EX01-BTM01	1256078.031	245819.4322	NM	12	12	InSitu	10/8/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G04-EX01-BTM01	1256078.031	245819.4322	NM	12	12	InSitu	10/8/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G04-EX01-BTM01	1256078.031	245819.4322	NM	12	12	InSitu	10/8/2013	GRO	30	5000	30/30	2	U		
G03-EX01-BTM02	1256077.609	245837.8824	NM	12.5	12.5	InSitu	10/8/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G02-EX01-BTM01	1256085.376	245856.994	NM	7	7	InSitu	10/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
G02-EX01-BTM01	1256085.376	245856.994	NM	7	7	InSitu	10/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
G02-EX01-BTM01	1256085.376	245856.994	NM	7	7	InSitu	10/7/2013	GRO	30	5000	30/30	2	U		
Floor	1256170.539	245560.8645	NM	12.5	12.5	InSitu	9/16/1991	Benzene	0.02		0.027/0.0017	1.1		EXCEED	
Floor	1256170.539	245560.8645	NM	12.5	12.5	InSitu	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	200			
Floor	1256170.539	245560.8645	NM	12.5	12.5	InSitu	9/16/1991	GRO	30	5000	30/30	120		EXCEED	
F06-EX01-SSW	1256060.765	245773.2147	NM	8	8	InSitu	10/14/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F06-EX01-SSW	1256060.765	245773.2147	NM	8	8	InSitu	10/14/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F06-EX01-SSW	1256060.765	245773.2147	NM	8	8	InSitu	10/14/2013	GRO	30	5000	30/30	5			
F06-EX01-BTM03	1256064.41	245769.3867	NM	13.5	13.5	InSitu	10/11/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F06-EX01-BTM03	1256064.41	245769.3867	NM	13.5	13.5	InSitu	10/11/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F06-EX01-BTM03	1256064.41	245769.3867	NM	13.5	13.5	InSitu	10/11/2013	GRO	30	5000	30/30	2	U		
F06-EX01-BTM02	1256065.113	245782.028	NM	12	12	InSitu	10/14/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F06-EX01-BTM02	1256065.113	245782.028	NM	12	12	InSitu	10/14/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F06-EX01-BTM02	1256065.113	245782.028	NM	12	12	InSitu	10/14/2013	GRO	30	5000	30/30	2	U		
F05-EX01-WSW	1256058.099	245795.771	NM	7	7	InSitu	10/14/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F05-EX01-WSW	1256058.099	245795.771	NM	7	7	InSitu	10/14/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F05-EX01-WSW	1256058.099	245795.771	NM	7	7	InSitu	10/14/2013	GRO	30	5000	30/30	2	U		
F05-EX01-BTM04	1256063.812	245795.7734	NM	11	11	InSitu	10/11/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F05-EX01-BTM04	1256063.812	245795.7734	NM	11	11	InSitu	10/11/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F05-EX01-BTM04	1256063.812	245795.7734	NM	11	11	InSitu	10/11/2013	GRO	30	5000	30/30	2.7			
F04-EX01-BTM04	1256052.929	245815.8565	NM	15	15	InSitu	10/17/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F04-EX01-BTM04	1256052.929	245815.8565	NM	15	15	InSitu	10/17/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F04-EX01-BTM04	1256052.929	245815.8565	NM	15	15	InSitu	10/17/2013	GRO	30	5000	30/30	2	U		
F03-EX01-BTM03	1256060.34	245833.2184	NM	12	12	InSitu	10/24/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F03-EX01-BTM03	1256060.34	245833.2184	NM	12	12	InSitu	10/24/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F03-EX01-BTM03	1256060.34	245833.2184	NM	12	12	InSitu	10/24/2013	GRO	30	5000	30/30	2	U		
F02-EX01-WSW01	1256058.31	245859.4551	NM	6	6	InSitu	10/3/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F02-EX01-WSW01	1256058.31	245859.4551	NM	6	6	InSitu	10/3/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F02-EX01-WSW01	1256058.31	245859.4551	NM	6	6	InSitu	10/3/2013	GRO	30	5000	30/30	9			
F02-EX01-NSW03	1256051.529	245855.2354	NM	3	3	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F02-EX01-NSW03	1256051.529	245855.2354	NM	3	3	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F02-EX01-NSW03	1256051.529	245855.2354	NM	3	3	InSitu	10/28/2013	GRO	30	5000	30/30	15			
F02-EX01-BTM01	1256064.227	245859.6725	NM	10	10	InSitu	10/3/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F02-EX01-BTM01	1256064.227	245859.6725	NM	10	10	InSitu	10/3/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F02-EX01-BTM01	1256064.227	245859.6725	NM	10	10	InSitu	10/3/2013	GRO	30	5000	30/30	2	U		
F01-EX01-NSW01	1256061.795	245867.3476	NM	7	7	InSitu	10/3/2013	Benzene	0.02		0.027/0.0017	0.02	U		
F01-EX01-NSW01	1256061.795	245867.3476	NM	7	7	InSitu	10/3/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
F01-EX01-NSW01	1256061.795	245867.3476	NM	7	7	InSitu	10/3/2013	GRO	30	5000	30/30	17			
EX01F03	1256146.29	245643.43	45	9.5	9.5	InSitu	5/7/2012	Benzene	0.02		0.027/0.0017	0.02	U		
EX01F03	1256146.29	245643.43	45	9.5	9.5	InSitu	5/7/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
EX01F03	1256146.29	245643.43	45	9.5	9.5	InSitu	5/7/2012	GRO	30	5000	30/30	2	U		
EX01F02	1256160.58	245620.63	45	9.5	9.5	InSitu	5/7/2012	Benzene	0.02		0.027/0.0017	0.02	U		
EX01F02	1256160.58	245620.63	45	9.5	9.5	InSitu	5/7/2012	DRO+ORO	2000	12000	2,000/2,000	230			
EX01F02	1256160.58	245620.63	45	9.5	9.5	InSitu	5/7/2012	GRO	30	5000	30/30	14			
EX01F01	1256167.05	245608.38	45	8	8	InSitu	5/1/2012	Benzene	0.02		0.027/0.0017	0.02	U		
EX01F01	1256167.05	245608.38	45	8	8	InSitu	5/1/2012	DRO+ORO	2000	12000	2,000/2,000	3900		EXCEED	
EX01F01	1256167.05	245608.38	45	8	8	InSitu	5/1/2012	GRO	30	5000	30/30	170		EXCEED	
E1	1256180.565	245561.2551	NM	10	10	InSitu	9/16/1991	Benzene	0.02		0.027/0.0017	0.22	U		
E1	1256180.565	245561.2551	NM	10	10	InSitu	9/16/1991	DRO+ORO	2000	12000	2,000/2,000	50	U		
E1	1256180.565	245561.2551	NM	10	10	InSitu	9/16/1991	GRO	30	5000	30/30	180		EXCEED	
E04-EX01-BTM01	1256041.789	245820.5459	NM	7.5	7.5	InSitu	10/16/2013	Benzene	0.02		0.027/0.0017	0.02	U		
E04-EX01-BTM01	1256041.789	245820.5459	NM	7.5	7.5	InSitu	10/16/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
E04-EX01-BTM01	1256041.789	245820.5459	NM	7.5	7.5	InSitu	10/16/2013	GRO	30	5000	30/30	2	U		
E03-EX01-WSW01	1256034.669	245830.3793	NM	7	7	InSitu	10/10/2013	Benzene	0.02		0.027/0.0017	0.02	U		
E03-EX01-WSW01	1256034.669	245830.3793	NM	7	7	InSitu	10/10/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
E03-EX01-WSW01	1256034.669	245830.3793	NM	7	7	InSitu	10/10/2013	GRO	30	5000	30/30	4.2			
E03-EX01-BTM04	1256038.431	245839.9019	NM	9	9	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
E03-EX01-BTM04	1256038.431	245839.9019	NM	9	9	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
E03-EX01-BTM04	1256038.431	245839.9019	NM	9	9	InSitu	10/28/2013	GRO	30	5000	30/30	2	U		
E03-EX01-BTM02	1256042.252	245830.2363	NM	8.5	8.5	InSitu	10/11/2013	Benzene	0.02		0.027/0.0017	0.02	U		
E03-EX01-BTM02	1256042.252	245830.2363	NM	8.5	8.5	InSitu	10/11/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
E03-EX01-BTM02	1256042.252	245830.2363	NM	8.5	8.5	InSitu	10/11/2013	GRO	30	5000	30/30	5.9			
E02-EX01-NSW03	1256039.2	245857.4616	NM	5	5	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
E02-EX01-NSW03	1256039.2	245857.4616	NM	5	5	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	95			
E02-EX01-NSW03	1256039.2	245857.4616	NM	5	5	InSitu	10/28/2013	GRO	30	5000	30/30	10			
D-S	1256186.945	245524.6665	NM	1.5	1.5	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.02	U		
D-S	1256186.945	245524.6665	NM	1.5	1.5	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	420			
D-S	1256186.945	245524.6665	NM	1.5	1.5	InSitu	4/22/2006	GRO	30	5000	30/30	4.8	U		
D-N	1256187.335	245543.1561	NM	1.5	1.5	InSitu	4/22/2006	Benzene	0.02		0.027/0.0017	0.018	U		
D-N	1256187.335	245543.1561	NM	1.5	1.5	InSitu	4/22/2006	DRO+ORO	2000	12000	2,000/2,000	290	U		
D-N	1256187.335	245543.1561	NM	1.5	1.5	InSitu	4/22/2006	GRO	30	5000	30/30	150		EXCEED	
D03-EX01-SSW01	1256024.914	245836.4612	NM	4	4	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
D03-EX01-SSW01	1256024.914	245836.4612	NM	4	4	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	140			
D03-EX01-SSW01	1256024.914	245836.4612	NM	4	4	InSitu	10/28/2013	GRO	30	5000	30/30	13			
D02-EX01-NSW01	1256023.149	245856.7363	NM	3	3	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
D02-EX01-NSW01	1256023.149	245856.7363	NM	3	3	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	2100		EXCEED	
D02-EX01-NSW01	1256023.149	245856.7363	NM	3	3	InSitu	10/28/2013	GRO	30	5000	30/30	12			
CAA6B-SS-02	1256139.159	245842.2369	19.5	3.7		InSitu	9/13/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6B-SS-02	1256139.159	245842.2369	19.5	3.7		InSitu	9/13/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6B-SS-02	1256139.159	245842.2369	19.5	3.7		InSitu	9/13/2021	GRO	30	5000	30/30	5	U		
CAA6B-SS-01	1256153.579	245859.196	19.5	3.4		InSitu	9/13/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6B-SS-01	1256153.579	245859.196	19.5	3.4		InSitu	9/13/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6B-SS-01	1256153.579	245859.196	19.5	3.4		InSitu	9/13/2021	GRO	30	5000	30/30	5	U		
CAA6B-BASE-01	1256132.007	245851.809	19.5	4.5		InSitu	9/13/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6B-BASE-01	1256132.007	245851.809	19.5	4.5		InSitu	9/13/2021	DRO+ORO	2000	12000	2,000/2,000	290	CN		
CAA6B-BASE-01	1256132.007	245851.809	19.5	4.5		InSitu	9/13/2021	GRO	30	5000	30/30	91		EXCEED	
CAA6A-SS-09	1256123.656	245786.8506	27	3.7		InSitu	7/28/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-08	1256067.511	245750.4989	31	9.8		InSitu	7/30/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-08	1256067.511	245750.4989	31	9.8		InSitu	7/30/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-SS-08	1256067.511	245750.4989	31	9.8		InSitu	7/30/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-07	1256079.049	245740.4085	32	10.5		InSitu	7/30/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-07	1256079.049	245740.4085	32	10.5		InSitu	7/30/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-SS-07	1256079.049	245740.4085	32	10.5		InSitu	7/30/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-06	1256086.998	245724.7272	34	12.3		InSitu	7/29/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-06	1256086.998	245724.7272	34	12.3		InSitu	7/29/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-SS-06	1256086.998	245724.7272	34	12.3		InSitu	7/29/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-05	1256106.157	245714.0646	36	10.7		InSitu	7/28/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-05	1256106.157	245714.0646	36	10.7		InSitu	7/28/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-SS-05	1256106.157	245714.0646	36	10.7		InSitu	7/28/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-04	1256128.233	245721.7868	27	5		InSitu	7/27/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-04	1256128.233	245721.7868	27	5		InSitu	7/27/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
CAA6A-SS-04	1256128.233	245721.7868	27	5		InSitu	7/27/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-03	1256129.818	245764.1935	27	3		InSitu	7/27/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-03	1256129.818	245764.1935	27	3		InSitu	7/27/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-SS-03	1256129.818	245764.1935	27	3		InSitu	7/27/2021	GRO	30	5000	30/30	5	U		
CAA6A-SS-01	1256119.177	245805.3269	27	4		InSitu	7/28/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-SS-01	1256119.177	245805.3269	27	4		InSitu	7/28/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-SS-01	1256119.177	245805.3269	27	4		InSitu	7/28/2021	GRO	30	5000	30/30	5	U		
CAA6A-BASE-04	1256090.401	245745.708	32	14	14	InSitu	7/30/2021	Benzene	0.02		0.027/0.0017	0.02	U		
CAA6A-BASE-04	1256090.401	245745.708	32	14	14	InSitu	7/30/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA6A-BASE-04	1256090.401	245745.708	32	14	14	InSitu	7/30/2021	GRO	30	5000	30/30	5	U		
CAA6A-BASE-01	1256104.28	245765.3375	27	8.5		InSitu	7/30/2021	GRO	30	5000	30/30	5	U		
CAA5-SS-04	1255793.277	245530.4115	46	3.75		InSitu	8/3/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA5-SS-03	1255811.333	245516.208	46	3		InSitu	8/2/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA5-SS-02	1255832.275	245530.2556	46	4		InSitu	8/2/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA5-SS-01	1255811.723	245546.9783	46	3.75		InSitu	8/3/2021	DRO+ORO	2000	12000	2,000/2,000	5200		EXCEED	
CAA3-SS-04	1256000.749	245426.2709	54	7		InSitu	11/9/2021	DRO+ORO	2000	12000	2,000/2,000	67	CN		
CAA3-SS-04	1256000.749	245426.2709	54	7		InSitu	11/9/2021	GRO	30	5000	30/30	21			
CAA3-SS-04	1256000.749	245426.2709	54	7		InSitu	11/9/2021	TCE	0.02	1	0.025/0.0015	0.02	U		
CAA3-SS-03	1256034.729	245447.8197	50	4	4.5	InSitu	11/9/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA3-SS-03	1256034.729	245447.8197	50	4	4.5	InSitu	11/9/2021	GRO	30	5000	30/30	270		EXCEED	
CAA3-SS-03	1256034.729	245447.8197	50	4	4.5	InSitu	11/9/2021	TCE	0.02	1	0.025/0.0015	0.02	U		
CAA3-SS-02	1256064.953	245476.8017	50	4.5		InSitu	11/10/2021	DRO+ORO	2000	12000	2,000/2,000	160			
CAA3-SS-02	1256064.953	245476.8017	50	4.5		InSitu	11/10/2021	DRO+ORO	2000	12000	2,000/2,000	92			
CAA3-SS-02	1256064.953	245476.8017	50	4.5		InSitu	11/10/2021	GRO	30	5000	30/30	220		EXCEED	
CAA3-SS-02	1256064.953	245476.8017	50	4.5		InSitu	11/10/2021	GRO	30	5000	30/30	38		EXCEED	
CAA3-SS-01	1256031.877	245505.6835	46	4		InSitu	11/10/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA3-SS-01	1256031.877	245505.6835	46	4		InSitu	11/10/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA3-SS-01	1256031.877	245505.6835	46	4		InSitu	11/10/2021	GRO	30	5000	30/30	9.8			
CAA3-SS-01	1256031.877	245505.6835	46	4		InSitu	11/10/2021	GRO	30	5000	30/30	5	U		
CAA3-BASE-03	1256013.304	245444.9268	50	5		InSitu	11/9/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA3-BASE-03	1256013.304	245444.9268	50	5		InSitu	11/9/2021	GRO	30	5000	30/30	5	U		
CAA3-BASE-03	1256013.304	245444.9268	50	5		InSitu	11/9/2021	TCE	0.02	1	0.025/0.0015	0.02	U		
CAA3-BASE-02	1256072.211	245492.471	50	5		InSitu	11/10/2021	DRO+ORO	2000	12000	2,000/2,000	370			
CAA3-BASE-02	1256072.211	245492.471	50	5		InSitu	11/10/2021	GRO	30	5000	30/30	130		EXCEED	
CAA3-BASE-01	1256041.224	245500.0608	46	5		InSitu	11/10/2021	DRO+ORO	2000	12000	2,000/2,000	170			
CAA3-BASE-01	1256041.224	245500.0608	46	5		InSitu	11/10/2021	GRO	30	5000	30/30	66		EXCEED	
CAA2B-BASE-04	1256219.155	245571.6181	44.5	15.5		InSitu	10/4/2021	DRO+ORO	2000	12000	2,000/2,000	3400		EXCEED	
CAA2B-BASE-04	1256219.155	245571.6181	44.5	15.5		InSitu	10/4/2021	GRO	30	5000	30/30	410		EXCEED	
CAA2B-BASE-04	1256219.155	245571.6181	44.5	15		InSitu	10/4/2021	DRO+ORO	2000	12000	2,000/2,000	11000	J	EXCEED	
CAA2B-BASE-04	1256219.155	245571.6181	44.5	15		InSitu	10/4/2021	GRO	30	5000	30/30	2100		EXCEED	
CAA2B-BASE-03	1256186.659	245578.021	44.5	15		InSitu	10/6/2021	DRO+ORO	2000	12000	2,000/2,000	120			
CAA2B-BASE-03	1256186.659	245578.021	44.5	15		InSitu	10/6/2021	GRO	30	5000	30/30	48		EXCEED	
CAA2B-BASE-02	1256157.455	245581.6467	44.5	15		InSitu	10/6/2021	DRO+ORO	2000	12000	2,000/2,000	1700			
CAA2B-BASE-02	1256157.455	245581.6467	44.5	15		InSitu	10/6/2021	GRO	30	5000	30/30	570	J	EXCEED	
CAA2B-BASE-01	1256135.58	245586.7363	44.5	15		InSitu	10/11/2021	DRO+ORO	2000	12000	2,000/2,000	250			
CAA2B-BASE-01	1256135.58	245586.7363	44.5	15		InSitu	10/11/2021	GRO	30	5000	30/30	54		EXCEED	
CAA1B-SS-08	1256407.549	245421.8394	46	7		InSitu	8/18/2021	DRO+ORO	2000	12000	2,000/2,000	9200	CN	EXCEED	
CAA1B-SS-08	1256407.549	245421.8394	46	7		InSitu	8/18/2021	GRO	30	5000	30/30	4500	J	EXCEED	
CAA1B-SS-03	1256382.152	245369.5037	46	8.5		InSitu	8/10/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1B-SS-03	1256382.152	245369.5037	46	8.5		InSitu	8/10/2021	GRO	30	5000	30/30	9.7			
CAA1B-SS-01	1256348.95	245401.1743	46	9		InSitu	8/10/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1B-SS-01	1256348.95	245401.1743	46	9		InSitu	8/10/2021	GRO	30	5000	30/30	8			
CAA1B-BASE-02	1256404.713	245419.7118	46	10		InSitu	8/26/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1B-BASE-02	1256404.713	245419.7118	46	10		InSitu	8/26/2021	GRO	30	5000	30/30	57		EXCEED	
CAA1B-BASE-01	1256358.641	245380.6238	46	10		InSitu	8/10/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1B-BASE-01	1256358.641	245380.6238	46	10		InSitu	8/10/2021	GRO	30	5000	30/30	13			
CAA1A-TP4	1256283.72	245365.648	46	13.9		InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-TP4	1256283.72	245365.648	46	13.9		InSitu	8/6/2021	GRO	30	5000	30/30	5	U		
CAA1A-TP4	1256283.72	245365.648	46	12.2		InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-TP4	1256283.72	245365.648	46	12.2		InSitu	8/6/2021	GRO	30	5000	30/30	5	U		
CAA1A-TP4	1256283.72	245365.648	46	8		InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	280			
CAA1A-TP4	1256283.72	245365.648	46	8		InSitu	8/6/2021	GRO	30	5000	30/30	35		EXCEED	
CAA1A-TP3	1256273.217	245342.844	46	14		InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-TP3	1256273.217	245342.844	46	14		InSitu	8/6/2021	GRO	30	5000	30/30	5	U		
CAA1A-TP3	1256273.217	245342.844	46	12		InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-TP3	1256273.217	245342.844	46	12		InSitu	8/6/2021	GRO	30	5000	30/30	5	U		
CAA1A-SS-06	1256245.962	245332.3956	46	1.5	2	InSitu	8/11/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-SS-06	1256245.962	245332.3956	46	1.5	2	InSitu	8/11/2021	GRO	30	5000	30/30	5	U		
CAA1A-SS-04	1256296.052	245293.8733	46	4	5	InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-SS-04	1256296.052	245293.8733	46	4	5	InSitu	8/6/2021	GRO	30	5000	30/30	5	U		
CAA1A-SS-03	1256328.855	245310.2845	46	4	5	InSitu	8/6/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-SS-03	1256328.855	245310.2845	46	4	5	InSitu	8/6/2021	GRO	30	5000	30/30	5	U		
CAA1A-SS-02	1256351.497	245335.6333	46	4		InSitu	8/10/2021	DRO+ORO	2000	12000	2,000/2,000	3000		EXCEED	
CAA1A-SS-02	1256351.497	245335.6333	46	4		InSitu	8/10/2021	GRO	30	5000	30/30	330		EXCEED	
CAA1A-SS-01	1256284.011	245369.4045	46	3.5	4	InSitu	8/11/2021	DRO+ORO	2000	12000	2,000/2,000	330			
CAA1A-SS-01	1256284.011	245369.4045	46	3.5	4	InSitu	8/11/2021	GRO	30	5000	30/30	120		EXCEED	
CAA1A-BASE-03	1256305.492	245321.682	46	5		InSitu	8/9/2021	DRO+ORO	2000	12000	2,000/2,000	250	U		
CAA1A-BASE-03	1256305.492	245321.682	46	5		InSitu	8/9/2021	GRO	30	5000	30/30	5	U		
CAA1A-BASE-02	1256331.438	245347.9888	46	5		InSitu	8/10/2021	DRO+ORO	2000	12000	2,000/2,000	560			
CAA1A-BASE-02	1256331.438	245347.9888	46	5		InSitu	8/10/2021	GRO	30	5000	30/30	1100	J	EXCEED	
C03-EX01-SSW01	1256004.175	245835.7902	NM	3.5	3.5	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
C03-EX01-SSW01	1256004.175	245835.7902	NM	3.5	3.5	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	1500			
C03-EX01-SSW01	1256004.175	245835.7902	NM	3.5	3.5	InSitu	10/28/2013	GRO	30	5000	30/30	15			
C02-EX01-WSW01	1255998.142	245850.5567	NM	3.5	3.5	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
C02-EX01-WSW01	1255998.142	245850.5567	NM	3.5	3.5	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
C02-EX01-WSW01	1255998.142	245850.5567	NM	3.5	3.5	InSitu	10/28/2013	GRO	30	5000	30/30	15			
C02-EX01-NSW01	1256002.991	245859.581	NM	5.5	5.5	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
C02-EX01-NSW01	1256002.991	245859.581	NM	5.5	5.5	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
C02-EX01-NSW01	1256002.991	245859.581	NM	5.5	5.5	InSitu	10/28/2013	GRO	30	5000	30/30	4.7			
C02-EX01-BTM01	1256005.521	245847.0673	NM	6.5	6.5	InSitu	10/28/2013	Benzene	0.02		0.027/0.0017	0.02	U		
C02-EX01-BTM01	1256005.521	245847.0673	NM	6.5	6.5	InSitu	10/28/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
C02-EX01-BTM01	1256005.521	245847.0673	NM	6.5	6.5	InSitu	10/28/2013	GRO	30	5000	30/30	12			
BOT	1256186.272	245477.9111	NM	7	7	InSitu	6/24/2010	Benzene	0.02		0.027/0.0017	0.02	U		
BOT	1256186.272	245477.9111	NM	7	7	InSitu	6/24/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
B99	1255977.857	245414.2364	NM	9	9	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.077		EXCEED	
B99	1255977.857	245414.2364	NM	5	5	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B99	1255977.857	245414.2364	NM	5	5	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	120			
B99	1255977.857	245414.2364	NM	5	5	InSitu	12/30/2008	GRO	30	5000	30/30	2	U		
B99	1255977.857	245414.2364	NM	5	5	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B99	1255977.857	245414.2364	NM	0	0.5	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.21		EXCEED	
B99	1255977.857	245414.2364	NM	0	0.5	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	2200		EXCEED	
B99	1255977.857	245414.2364	NM	0	0.5	InSitu	12/30/2008	GRO	30	5000	30/30	54		EXCEED	
B99	1255977.857	245414.2364	NM	0	0.5	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B98	1255991.529	245508.1166	NM	20	20	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.16		EXCEED	
B98	1255991.529	245508.1166	NM	10	10	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.37		EXCEED	
B98	1255991.529	245508.1166	NM	6	6	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B98	1255991.529	245508.1166	NM	6	6	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B98	1255991.529	245508.1166	NM	6	6	InSitu	12/30/2008	GRO	30	5000	30/30	2	U		
B97	1256031.112	245481.9447	NM	10	10	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B97	1256031.112	245481.9447	NM	6	6	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B97	1256031.112	245481.9447	NM	6	6	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	3200		EXCEED	
B97	1256031.112	245481.9447	NM	6	6	InSitu	12/30/2008	GRO	30	5000	30/30	1600		EXCEED	
B97	1256031.112	245481.9447	NM	6	6	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.031		EXCEED	
B96	1255947.649	245505.6426		20	20	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B96	1255947.649	245505.6426		20	20	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B96	1255947.649	245505.6426		20	20	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	2	U		
B96	1255947.649	245505.6426		20	20	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	0.96		EXCEED	
B96	1255947.649	245505.6426		10	10	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	0.53		EXCEED	
B96	1255947.649	245505.6426		2	2	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	0.043		EXCEED	
B95	1255935.506	245479.8087		20	20	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	2.1		EXCEED	EXCEED
B95	1255935.506	245479.8087		14	14	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.041		EXCEED	
B95	1255935.506	245479.8087		14	14	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B95	1255935.506	245479.8087		14	14	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	9			
B95	1255935.506	245479.8087		14	14	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	45		EXCEED	EXCEED
B95	1255935.506	245479.8087		10	10	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	30		EXCEED	EXCEED
B95	1255935.506	245479.8087		6	6	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	0.42		EXCEED	
B94	1255982.024	245485.9812		14	14	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	1.3		EXCEED	EXCEED
B94	1255982.024	245485.9812		7	7	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B94	1255982.024	245485.9812		7	7	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	140			
B94	1255982.024	245485.9812		7	7	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	52		EXCEED	
B94	1255982.024	245485.9812		2	2	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B93	1255967.374	245507.5212		20	20	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	1.6		EXCEED	EXCEED
B93	1255967.374	245507.5212		18	18	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	60		EXCEED	EXCEED

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
B93	1255967.374	245507.5212		10	10	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B93	1255967.374	245507.5212		10	10	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B93	1255967.374	245507.5212		10	10	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	2	U		
B93	1255967.374	245507.5212		10	10	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	1		EXCEED	
B92	1255947.128	245469.3145		14	14	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	2.6		EXCEED	EXCEED
B92	1255947.128	245469.3145		10	10	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B92	1255947.128	245469.3145		10	10	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B92	1255947.128	245469.3145		10	10	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	19			
B92	1255947.128	245469.3145		10	10	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	89		EXCEED	EXCEED
B92	1255947.128	245469.3145		6	6	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	2.4		EXCEED	EXCEED
B91	1256000.163	245482.4232	NM	14	14	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.15		EXCEED	
B91	1256000.163	245482.4232	NM	10	10	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.098		EXCEED	
B91	1256000.163	245482.4232	NM	2	2	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B91	1256000.163	245482.4232	NM	2	2	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	8300		EXCEED	
B91	1256000.163	245482.4232	NM	2	2	InSitu	12/29/2008	GRO	30	5000	30/30	800		EXCEED	
B91	1256000.163	245482.4232	NM	2	2	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B90	1256013.281	245447.5509	NM	16	16	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B90	1256013.281	245447.5509	NM	10	10	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B90	1256013.281	245447.5509	NM	2	2	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B89	1255998.642	245455.1037	NM	13	13	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.25		EXCEED	
B89	1255998.642	245455.1037	NM	13	13	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	6000		EXCEED	
B89	1255998.642	245455.1037	NM	13	13	InSitu	12/29/2008	GRO	30	5000	30/30	9700		EXCEED	EXCEED
B89	1255998.642	245455.1037	NM	13	13	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B89	1255998.642	245455.1037	NM	11	11	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B89	1255998.642	245455.1037	NM	11	11	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	110			
B89	1255998.642	245455.1037	NM	11	11	InSitu	12/29/2008	GRO	30	5000	30/30	420		EXCEED	
B89	1255998.642	245455.1037	NM	11	11	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B89	1255998.642	245455.1037	NM	5	5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B89	1255998.642	245455.1037	NM	2	2	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B88	1255985.115	245448.9669	NM	16	16	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.82		EXCEED	
B88	1255985.115	245448.9669	NM	10	10	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B88	1255985.115	245448.9669	NM	10	10	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B88	1255985.115	245448.9669	NM	10	10	InSitu	12/29/2008	GRO	30	5000	30/30	6			
B88	1255985.115	245448.9669	NM	10	10	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.16		EXCEED	
B88	1255985.115	245448.9669	NM	7	7	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B87	1255974.195	245465.7205		16	16	InSitu, Immobilized	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B87	1255974.195	245465.7205		16	16	InSitu, Immobilized	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B87	1255974.195	245465.7205		16	16	InSitu, Immobilized	12/29/2008	GRO	30	5000	30/30	8			
B87	1255974.195	245465.7205		16	16	InSitu, Immobilized	12/29/2008	TCE	0.02	1	0.025/0.0015	19		EXCEED	EXCEED
B87	1255974.195	245465.7205		10	10	InSitu, Immobilized	12/29/2008	TCE	0.02	1	0.025/0.0015	3.4		EXCEED	EXCEED
B87	1255974.195	245465.7205		5	5	InSitu, Immobilized	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B68A	1256100.128	245619.1713	NM	25	25	InSitu	11/29/2006	Benzene	0.02		0.027/0.0017	0.03	U		
B68A	1256100.128	245619.1713	NM	25	25	InSitu	11/29/2006	Benzene	0.02		0.027/0.0017	0.02	U		
B68A	1256100.128	245619.1713	NM	25	25	InSitu	11/29/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
B68A	1256100.128	245619.1713	NM	25	25	InSitu	11/29/2006	GRO	30	5000	30/30	10			
B363	1256054.87	245296.607	NM	15	15	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B363	1256054.87	245296.607	NM	15	15	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B363	1256054.87	245296.607	NM	15	15	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B363	1256054.87	245296.607	NM	10	10	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B363	1256054.87	245296.607	NM	10	10	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B363	1256054.87	245296.607	NM	10	10	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B363	1256054.87	245296.607	NM	5	5	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B363	1256054.87	245296.607	NM	5	5	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B363	1256054.87	245296.607	NM	5	5	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B363	1256054.87	245296.607	NM	2.5	2.5	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B363	1256054.87	245296.607	NM	2.5	2.5	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B363	1256054.87	245296.607	NM	2.5	2.5	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B362	1256116.886	245252.6179	NM	15	15	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B362	1256116.886	245252.6179	NM	15	15	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B362	1256116.886	245252.6179	NM	15	15	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B362	1256116.886	245252.6179	NM	10	10	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B362	1256116.886	245252.6179	NM	10	10	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B362	1256116.886	245252.6179	NM	10	10	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B362	1256116.886	245252.6179	NM	7.5	7.5	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B362	1256116.886	245252.6179	NM	7.5	7.5	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B362	1256116.886	245252.6179	NM	7.5	7.5	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B362	1256116.886	245252.6179	NM	2.5	2.5	InSitu	3/27/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B362	1256116.886	245252.6179	NM	2.5	2.5	InSitu	3/27/2015	DRO+ORO	2000	12000	2,000/2,000	430			
B362	1256116.886	245252.6179	NM	2.5	2.5	InSitu	3/27/2015	GRO	30	5000	30/30	2	U		
B361	1256307.943	245181.3369	NM	22.5	22.5	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B361	1256307.943	245181.3369	NM	22.5	22.5	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B361	1256307.943	245181.3369	NM	22.5	22.5	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B361	1256307.943	245181.3369	NM	20	20	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B361	1256307.943	245181.3369	NM	20	20	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B361	1256307.943	245181.3369	NM	20	20	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B361	1256307.943	245181.3369	NM	10	10	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B361	1256307.943	245181.3369	NM	10	10	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B361	1256307.943	245181.3369	NM	10	10	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B361	1256307.943	245181.3369	NM	2.5	2.5	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B361	1256307.943	245181.3369	NM	2.5	2.5	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B361	1256307.943	245181.3369	NM	2.5	2.5	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B360	1256407.257	245176.204	NM	17.5	17.5	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B360	1256407.257	245176.204	NM	17.5	17.5	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B360	1256407.257	245176.204	NM	17.5	17.5	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B360	1256407.257	245176.204	NM	10	10	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B360	1256407.257	245176.204	NM	10	10	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B360	1256407.257	245176.204	NM	10	10	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B360	1256407.257	245176.204	NM	2.5	2.5	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B360	1256407.257	245176.204	NM	2.5	2.5	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B360	1256407.257	245176.204	NM	2.5	2.5	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B359	1256563.053	245162.52	NM	20	20	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B359	1256563.053	245162.52	NM	20	20	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B359	1256563.053	245162.52	NM	20	20	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B359	1256563.053	245162.52	NM	10	10	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B359	1256563.053	245162.52	NM	10	10	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B359	1256563.053	245162.52	NM	10	10	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B359	1256563.053	245162.52	NM	2.5	2.5	InSitu	3/26/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B359	1256563.053	245162.52	NM	2.5	2.5	InSitu	3/26/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B359	1256563.053	245162.52	NM	2.5	2.5	InSitu	3/26/2015	GRO	30	5000	30/30	2	U		
B356	1256147.37	245768.03	NM	8	8	InSitu	3/23/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B356	1256147.37	245768.03	NM	8	8	InSitu	3/23/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B356	1256147.37	245768.03	NM	8	8	InSitu	3/23/2015	GRO	30	5000	30/30	2	U		
B355	1256147.22	245729.61	NM	9	9	InSitu	3/23/2015	Benzene	0.02		0.027/0.0017	0.02	U		
B355	1256147.22	245729.61	NM	9	9	InSitu	3/23/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
B355	1256147.22	245729.61	NM	9	9	InSitu	3/23/2015	GRO	30	5000	30/30	2	U		
B354	1256238.216	245513.145	NM	14	14	InSitu	5/28/2014	Benzene	0.02		0.027/0.0017	0.33		EXCEED	
B354	1256238.216	245513.145	NM	14	14	InSitu	5/28/2014	DRO+ORO	2000	12000	2,000/2,000	7500		EXCEED	
B354	1256238.216	245513.145	NM	14	14	InSitu	5/28/2014	GRO	30	5000	30/30	14			
B353	1256208.442	245500.477		14	14	InSitu, Immobilized	5/28/2014	Benzene	0.02		0.027/0.0017	17		EXCEED	
B353	1256208.442	245500.477		14	14	InSitu, Immobilized	5/28/2014	DRO+ORO	2000	12000	2,000/2,000	10000		EXCEED	
B353	1256208.442	245500.477		14	14	InSitu, Immobilized	5/28/2014	GRO	30	5000	30/30	6000		EXCEED	EXCEED
B352	1256200.013	245508.965		12	12	InSitu, Immobilized	5/28/2014	Benzene	0.02		0.027/0.0017	86		EXCEED	
B352	1256200.013	245508.965		12	12	InSitu, Immobilized	5/28/2014	DRO+ORO	2000	12000	2,000/2,000	5000		EXCEED	
B352	1256200.013	245508.965		12	12	InSitu, Immobilized	5/28/2014	GRO	30	5000	30/30	7900		EXCEED	EXCEED
B352	1256200.013	245508.965		5	5	InSitu, Immobilized	5/28/2014	Benzene	0.02		0.027/0.0017	0.02	UJ		
B352	1256200.013	245508.965		5	5	InSitu, Immobilized	5/28/2014	DRO+ORO	2000	12000	2,000/2,000	7600		EXCEED	
B352	1256200.013	245508.965		5	5	InSitu, Immobilized	5/28/2014	GRO	30	5000	30/30	710		EXCEED	
B351	1256244.197	245387.831	NM	3	3	InSitu	5/27/2014	Benzene	0.02		0.027/0.0017	0.02	UJ		
B351	1256244.197	245387.831	NM	3	3	InSitu	5/27/2014	DRO+ORO	2000	12000	2,000/2,000	440			
B351	1256244.197	245387.831	NM	3	3	InSitu	5/27/2014	GRO	30	5000	30/30	390		EXCEED	
B348	1256210.428	245510.017		12	12	InSitu, Immobilized	5/27/2014	Benzene	0.02		0.027/0.0017	70		EXCEED	
B348	1256210.428	245510.017		12	12	InSitu, Immobilized	5/27/2014	DRO+ORO	2000	12000	2,000/2,000	6100		EXCEED	
B348	1256210.428	245510.017		12	12	InSitu, Immobilized	5/27/2014	GRO	30	5000	30/30	14000		EXCEED	EXCEED
B348	1256210.428	245510.017		5	5	InSitu, Immobilized	5/27/2014	Benzene	0.02		0.027/0.0017	12		EXCEED	
B348	1256210.428	245510.017		5	5	InSitu, Immobilized	5/27/2014	DRO+ORO	2000	12000	2,000/2,000	13000		EXCEED	EXCEED
B348	1256210.428	245510.017		5	5	InSitu, Immobilized	5/27/2014	GRO	30	5000	30/30	1200		EXCEED	
B347	1256212.367	245522.7509		7	7	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	1.4		EXCEED	
B347	1256212.367	245522.7509		7	7	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	6500		EXCEED	
B347	1256212.367	245522.7509		7	7	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	920		EXCEED	
B347	1256212.367	245522.7509		3	3	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	0.031		EXCEED	
B347	1256212.367	245522.7509		3	3	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	6100		EXCEED	
B347	1256212.367	245522.7509		3	3	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	110		EXCEED	
B346	1256218.147	245516.309		9	9	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	18		EXCEED	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
B346	1256218.147	245516.309		9	9	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	22000		EXCEED	EXCEED
B346	1256218.147	245516.309		9	9	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	5400		EXCEED	EXCEED
B346	1256218.147	245516.309		5	5	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	1.3		EXCEED	
B346	1256218.147	245516.309		5	5	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	6000		EXCEED	
B346	1256218.147	245516.309		5	5	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	3200		EXCEED	
B345	1256248.073	245508.124	NM	7	7	InSitu	5/23/2014	Benzene	0.02		0.027/0.0017	8.1		EXCEED	
B345	1256248.073	245508.124	NM	7	7	InSitu	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	4900		EXCEED	
B345	1256248.073	245508.124	NM	7	7	InSitu	5/23/2014	GRO	30	5000	30/30	1500		EXCEED	
B343	1256228.577	245506.784		17.5	17.5	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	41		EXCEED	
B343	1256228.577	245506.784		17.5	17.5	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	210			
B343	1256228.577	245506.784		17.5	17.5	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	4800		EXCEED	
B343	1256228.577	245506.784		14	14	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	28		EXCEED	
B343	1256228.577	245506.784		14	14	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	2400		EXCEED	
B343	1256228.577	245506.784		14	14	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	4600		EXCEED	
B342	1256236.932	245506.434		16	16	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	1.4		EXCEED	
B342	1256236.932	245506.434		16	16	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	140			
B342	1256236.932	245506.434		16	16	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	38		EXCEED	
B342	1256236.932	245506.434		12	12	InSitu, Immobilized	5/23/2014	Benzene	0.02		0.027/0.0017	66		EXCEED	
B342	1256236.932	245506.434		12	12	InSitu, Immobilized	5/23/2014	DRO+ORO	2000	12000	2,000/2,000	11000		EXCEED	
B342	1256236.932	245506.434		12	12	InSitu, Immobilized	5/23/2014	GRO	30	5000	30/30	7700		EXCEED	EXCEED
B341	1256245.436	245497.388	NM	9	9	InSitu	5/22/2014	Benzene	0.02		0.027/0.0017	6.7		EXCEED	
B341	1256245.436	245497.388	NM	9	9	InSitu	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	2900		EXCEED	
B341	1256245.436	245497.388	NM	9	9	InSitu	5/22/2014	GRO	30	5000	30/30	2800		EXCEED	
B340	1256225.228	245498.111		9	9	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	2.9		EXCEED	
B340	1256225.228	245498.111		9	9	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	8400		EXCEED	
B340	1256225.228	245498.111		9	9	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	2100		EXCEED	
B340	1256225.228	245498.111		5	5	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	0.2		EXCEED	
B340	1256225.228	245498.111		5	5	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	250	U		
B340	1256225.228	245498.111		5	5	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	71		EXCEED	
B339	1256234.067	245496.993		12	12	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	41		EXCEED	
B339	1256234.067	245496.993		12	12	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	9800		EXCEED	
B339	1256234.067	245496.993		12	12	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	6800		EXCEED	EXCEED
B339	1256234.067	245496.993		9	9	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	11		EXCEED	
B339	1256234.067	245496.993		9	9	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	8900		EXCEED	
B339	1256234.067	245496.993		9	9	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	3600		EXCEED	
B338	1256214.926	245498.088		12	12	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	18		EXCEED	
B338	1256214.926	245498.088		12	12	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	4400		EXCEED	
B338	1256214.926	245498.088		12	12	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	2500		EXCEED	
B338	1256214.926	245498.088		7	7	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	16		EXCEED	
B338	1256214.926	245498.088		7	7	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	250	U		
B338	1256214.926	245498.088		7	7	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	2200		EXCEED	
B338	1256214.926	245498.088		5	5	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	86		EXCEED	
B338	1256214.926	245498.088		5	5	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	2900		EXCEED	
B338	1256214.926	245498.088		5	5	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	8200		EXCEED	EXCEED
B338	1256214.926	245498.088		3	3	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	25		EXCEED	
B338	1256214.926	245498.088		3	3	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	2400		EXCEED	
B338	1256214.926	245498.088		3	3	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	2400		EXCEED	
B337	1256218.978	245488.556		7	7	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	0.87		EXCEED	
B337	1256218.978	245488.556		7	7	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	470			
B337	1256218.978	245488.556		7	7	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	5.2			
B337	1256218.978	245488.556		5	5	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	66		EXCEED	
B337	1256218.978	245488.556		5	5	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	400			
B337	1256218.978	245488.556		5	5	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	5600		EXCEED	EXCEED
B336	1256208.498	245474.748		7	7	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	0.37		EXCEED	
B336	1256208.498	245474.748		7	7	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	35000		EXCEED	EXCEED
B336	1256208.498	245474.748		7	7	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	440		EXCEED	
B336	1256208.498	245474.748		3	3	InSitu, Immobilized	5/22/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B336	1256208.498	245474.748		3	3	InSitu, Immobilized	5/22/2014	DRO+ORO	2000	12000	2,000/2,000	660			
B336	1256208.498	245474.748		3	3	InSitu, Immobilized	5/22/2014	GRO	30	5000	30/30	2	U		
B335	1256208.052	245463.478	NM	3	3	InSitu	5/21/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B335	1256208.052	245463.478	NM	3	3	InSitu	5/21/2014	DRO+ORO	2000	12000	2,000/2,000	250	U		
B335	1256208.052	245463.478	NM	3	3	InSitu	5/21/2014	GRO	30	5000	30/30	2	U		
B332	1256198.971	245446.5665	NM	5	5	InSitu	5/21/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B332	1256198.971	245446.5665	NM	5	5	InSitu	5/21/2014	DRO+ORO	2000	12000	2,000/2,000	300			
B332	1256198.971	245446.5665	NM	5	5	InSitu	5/21/2014	GRO	30	5000	30/30	2	U		
B332	1256198.971	245446.5665	NM	3	3	InSitu	5/21/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B332	1256198.971	245446.5665	NM	3	3	InSitu	5/21/2014	DRO+ORO	2000	12000	2,000/2,000	330			
B332	1256198.971	245446.5665	NM	3	3	InSitu	5/21/2014	GRO	30	5000	30/30	2	U		
B331	1256212.415	245445.2523	NM	9.5	9.5	InSitu	5/21/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B331	1256212.415	245445.2523	NM	9.5	9.5	InSitu	5/21/2014	DRO+ORO	2000	12000	2,000/2,000	250	U		
B331	1256212.415	245445.2523	NM	9.5	9.5	InSitu	5/21/2014	GRO	30	5000	30/30	2	U		
B330	1256231.072	245398.2354	NM	3	3	InSitu	5/21/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B330	1256231.072	245398.2354	NM	3	3	InSitu	5/21/2014	DRO+ORO	2000	12000	2,000/2,000	250	U		
B330	1256231.072	245398.2354	NM	3	3	InSitu	5/21/2014	GRO	30	5000	30/30	2	U		
B330	1256231.072	245398.2354	NM	1	1	InSitu	5/21/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B330	1256231.072	245398.2354	NM	1	1	InSitu	5/21/2014	DRO+ORO	2000	12000	2,000/2,000	14000		EXCEED	EXCEED
B330	1256231.072	245398.2354	NM	1	1	InSitu	5/21/2014	GRO	30	5000	30/30	51		EXCEED	
B328	1256198.492	245474.0709	NM	9	9	InSitu	5/20/2014	Benzene	0.02		0.027/0.0017	0.02	U		
B328	1256198.492	245474.0709	NM	9	9	InSitu	5/20/2014	DRO+ORO	2000	12000	2,000/2,000	250	U		
B328	1256198.492	245474.0709	NM	9	9	InSitu	5/20/2014	GRO	30	5000	30/30	2	U		
B323	1256144.71	245739.4346	NM	6	6	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B323	1256144.71	245739.4346	NM	6	6	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B323	1256144.71	245739.4346	NM	6	6	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B323	1256144.71	245739.4346	NM	4	4	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B323	1256144.71	245739.4346	NM	4	4	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B323	1256144.71	245739.4346	NM	4	4	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B322	1256144.71	245751.0009	NM	6	6	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B322	1256144.71	245751.0009	NM	6	6	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B322	1256144.71	245751.0009	NM	6	6	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B322	1256144.71	245751.0009	NM	4	4	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B322	1256144.71	245751.0009	NM	4	4	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B322	1256144.71	245751.0009	NM	4	4	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B321	1256138.076	245749.8102	NM	6	6	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B321	1256138.076	245749.8102	NM	6	6	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B321	1256138.076	245749.8102	NM	6	6	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B321	1256138.076	245749.8102	NM	3.5	3.5	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B321	1256138.076	245749.8102	NM	3.5	3.5	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B321	1256138.076	245749.8102	NM	3.5	3.5	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B320	1256137.906	245738.5842	NM	6	6	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B320	1256137.906	245738.5842	NM	6	6	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B320	1256137.906	245738.5842	NM	6	6	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B320	1256137.906	245738.5842	NM	3.5	3.5	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B320	1256137.906	245738.5842	NM	3.5	3.5	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B320	1256137.906	245738.5842	NM	3.5	3.5	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B319	1256137.906	245729.9095	NM	6	6	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B319	1256137.906	245729.9095	NM	6	6	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B319	1256137.906	245729.9095	NM	6	6	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B319	1256137.906	245729.9095	NM	3.5	3.5	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B319	1256137.906	245729.9095	NM	3.5	3.5	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B319	1256137.906	245729.9095	NM	3.5	3.5	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B317	1256088.92	245719.0236	NM	15	15	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B317	1256088.92	245719.0236	NM	15	15	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B317	1256088.92	245719.0236	NM	15	15	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B316	1256102.357	245704.0555	NM	14	14	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B316	1256102.357	245704.0555	NM	14	14	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	330			
B316	1256102.357	245704.0555	NM	14	14	InSitu	11/6/2013	GRO	30	5000	30/30	8.4			
B315	1256096.064	245731.9506	NM	15	15	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B315	1256096.064	245731.9506	NM	15	15	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B315	1256096.064	245731.9506	NM	15	15	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B315	1256096.064	245731.9506	NM	12.5	12.5	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B315	1256096.064	245731.9506	NM	12.5	12.5	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B315	1256096.064	245731.9506	NM	12.5	12.5	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B314	1256101.677	245722.0852	NM	15	15	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.084		EXCEED	
B314	1256101.677	245722.0852	NM	15	15	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B314	1256101.677	245722.0852	NM	15	15	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B313	1256108.48	245706.4368	NM	17	17	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B313	1256108.48	245706.4368	NM	17	17	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B313	1256108.48	245706.4368	NM	17	17	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B313	1256108.48	245706.4368	NM	11	11	InSitu	11/6/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B313	1256108.48	245706.4368	NM	11	11	InSitu	11/6/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B313	1256108.48	245706.4368	NM	11	11	InSitu	11/6/2013	GRO	30	5000	30/30	2	U		
B312	1256133.484	245715.1115	NM	5	5	InSitu	11/4/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B312	1256133.484	245715.1115	NM	5	5	InSitu	11/4/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
B312	1256133.484	245715.1115	NM	5	5	InSitu	11/4/2013	GRO	30	5000	30/30	2	U		
B312	1256133.484	245715.1115	NM	3	3	InSitu	11/4/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B312	1256133.484	245715.1115	NM	3	3	InSitu	11/4/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B312	1256133.484	245715.1115	NM	3	3	InSitu	11/4/2013	GRO	30	5000	30/30	2	U		
B311	1256144.71	245716.132	NM	5	5	InSitu	11/4/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B311	1256144.71	245716.132	NM	5	5	InSitu	11/4/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B311	1256144.71	245716.132	NM	5	5	InSitu	11/4/2013	GRO	30	5000	30/30	2	U		
B311	1256144.71	245716.132	NM	4	4	InSitu	11/4/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B311	1256144.71	245716.132	NM	4	4	InSitu	11/4/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B311	1256144.71	245716.132	NM	4	4	InSitu	11/4/2013	GRO	30	5000	30/30	2	U		
B309	1256127.531	245783.3184	NM	4.5	4.5	InSitu	10/23/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B309	1256127.531	245783.3184	NM	4.5	4.5	InSitu	10/23/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B309	1256127.531	245783.3184	NM	4.5	4.5	InSitu	10/23/2013	GRO	30	5000	30/30	2	U		
B307	1256127.701	245762.9073	NM	5	5	InSitu	10/23/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B307	1256127.701	245762.9073	NM	5	5	InSitu	10/23/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B307	1256127.701	245762.9073	NM	5	5	InSitu	10/23/2013	GRO	30	5000	30/30	2	U		
B306	1256106.269	245783.6585	NM	5.5	5.5	InSitu	10/23/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B306	1256106.269	245783.6585	NM	5.5	5.5	InSitu	10/23/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B306	1256106.269	245783.6585	NM	5.5	5.5	InSitu	10/23/2013	GRO	30	5000	30/30	2	U		
B305	1256111.882	245791.6529	NM	5	5	InSitu	10/23/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B305	1256111.882	245791.6529	NM	5	5	InSitu	10/23/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B305	1256111.882	245791.6529	NM	5	5	InSitu	10/23/2013	GRO	30	5000	30/30	2	U		
B298	1256128.041	245727.188	NM	6	6	InSitu	10/22/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B298	1256128.041	245727.188	NM	6	6	InSitu	10/22/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B298	1256128.041	245727.188	NM	6	6	InSitu	10/22/2013	GRO	30	5000	30/30	2	U		
B298	1256128.041	245727.188	NM	3.5	3.5	InSitu	10/22/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B298	1256128.041	245727.188	NM	3.5	3.5	InSitu	10/22/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B298	1256128.041	245727.188	NM	3.5	3.5	InSitu	10/22/2013	GRO	30	5000	30/30	2	U		
B282	1256027.857	245856.1177	NM	9.5	9.5	InSitu	10/18/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B282	1256027.857	245856.1177	NM	9.5	9.5	InSitu	10/18/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B282	1256027.857	245856.1177	NM	9.5	9.5	InSitu	10/18/2013	GRO	30	5000	30/30	2	U		
B279	1256116.305	245708.3078	NM	8.5	8.5	InSitu	10/16/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B279	1256116.305	245708.3078	NM	8.5	8.5	InSitu	10/16/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B279	1256116.305	245708.3078	NM	8.5	8.5	InSitu	10/16/2013	GRO	30	5000	30/30	2	U		
B273	1256149.643	245855.4373	NM	3.5	3.5	InSitu	10/3/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B273	1256149.643	245855.4373	NM	3.5	3.5	InSitu	10/3/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B273	1256149.643	245855.4373	NM	3.5	3.5	InSitu	10/3/2013	GRO	30	5000	30/30	2	U		
B271	1256149.643	245872.9568	NM	3.5	3.5	InSitu	10/1/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B271	1256149.643	245872.9568	NM	3.5	3.5	InSitu	10/1/2013	DRO+ORO	2000	12000	2,000/2,000	1500			
B271	1256149.643	245872.9568	NM	3.5	3.5	InSitu	10/1/2013	GRO	30	5000	30/30	5.1			
B270	1256134.675	245875.168	NM	2.5	2.5	InSitu	10/1/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B270	1256134.675	245875.168	NM	2.5	2.5	InSitu	10/1/2013	DRO+ORO	2000	12000	2,000/2,000	1900			
B270	1256134.675	245875.168	NM	2.5	2.5	InSitu	10/1/2013	GRO	30	5000	30/30	43		EXCEED	
B269	1256119.536	245874.8278	NM	2.5	2.5	InSitu	10/1/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B269	1256119.536	245874.8278	NM	2.5	2.5	InSitu	10/1/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B269	1256119.536	245874.8278	NM	2.5	2.5	InSitu	10/1/2013	GRO	30	5000	30/30	2	U		
B268	1256104.568	245874.3176	NM	2.5	2.5	InSitu	10/1/2013	Benzene	0.02		0.027/0.0017	0.02	U		
B268	1256104.568	245874.3176	NM	2.5	2.5	InSitu	10/1/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B268	1256104.568	245874.3176	NM	2.5	2.5	InSitu	10/1/2013	GRO	30	5000	30/30	11			
B267	1256089.6	245874.8278	NM	2.5	2.5	InSitu	10/1/2013	Benzene	0.02		0.027/0.0017	0.039		EXCEED	
B267	1256089.6	245874.8278	NM	2.5	2.5	InSitu	10/1/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
B267	1256089.6	245874.8278	NM	2.5	2.5	InSitu	10/1/2013	GRO	30	5000	30/30	23			
B233	1256119.128	245806.4652	NM	10	10	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B233	1256119.128	245806.4652	NM	10	10	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B233	1256119.128	245806.4652	NM	10	10	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B233	1256119.128	245806.4652	NM	10	10	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B233	1256119.128	245806.4652	NM	5	5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B233	1256119.128	245806.4652	NM	5	5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B233	1256119.128	245806.4652	NM	5	5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B233	1256119.128	245806.4652	NM	5	5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B231	1256121.962	245854.4431	NM	5	5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B231	1256121.962	245854.4431	NM	5	5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B231	1256121.962	245854.4431	NM	5	5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B231	1256121.962	245854.4431	NM	5	5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B230	1256142.936	245835.4422	NM	5	5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B230	1256142.936	245835.4422	NM	5	5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B230	1256142.936	245835.4422	NM	5	5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B230	1256142.936	245835.4422	NM	5	5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B230	1256142.936	245835.4422	NM	2.5	2.5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B230	1256142.936	245835.4422	NM	2.5	2.5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B230	1256142.936	245835.4422	NM	2.5	2.5	InSitu	4/30/2012	GRO	30	5000	30/30	4.6			
B230	1256142.936	245835.4422	NM	2.5	2.5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B229	1256119.191	245816.4458	NM	5	5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B229	1256119.191	245816.4458	NM	5	5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B229	1256119.191	245816.4458	NM	5	5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B229	1256119.191	245816.4458	NM	5	5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B227	1256079.175	245738.6573	NM	10	10	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B227	1256079.175	245738.6573	NM	10	10	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B227	1256079.175	245738.6573	NM	10	10	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B227	1256079.175	245738.6573	NM	10	10	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B227	1256079.175	245738.6573	NM	5	5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B227	1256079.175	245738.6573	NM	5	5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B227	1256079.175	245738.6573	NM	5	5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B227	1256079.175	245738.6573	NM	5	5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B226	1256047.297	245775.6441	NM	10	10	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B226	1256047.297	245775.6441	NM	10	10	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B226	1256047.297	245775.6441	NM	10	10	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B226	1256047.297	245775.6441	NM	10	10	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B226	1256047.297	245775.6441	NM	7.5	7.5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B226	1256047.297	245775.6441	NM	7.5	7.5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B226	1256047.297	245775.6441	NM	7.5	7.5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B226	1256047.297	245775.6441	NM	7.5	7.5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B226	1256047.297	245775.6441	NM	5	5	InSitu	4/30/2012	Benzene	0.02		0.027/0.0017	0.02	U		
B226	1256047.297	245775.6441	NM	5	5	InSitu	4/30/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
B226	1256047.297	245775.6441	NM	5	5	InSitu	4/30/2012	GRO	30	5000	30/30	2	U		
B226	1256047.297	245775.6441	NM	5	5	InSitu	4/30/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
B184	1256249.032	245380.0474	NM	6	6	InSitu	4/14/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B184	1256249.032	245380.0474	NM	6	6	InSitu	4/14/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
B184	1256249.032	245380.0474	NM	6	6	InSitu	4/14/2011	GRO	30	5000	30/30	2	U		
B181	1256326.08	245430.2602	NM	2.5	2.5	InSitu	3/25/2011	Benzene	0.02		0.027/0.0017	40		EXCEED	
B181	1256326.08	245430.2602	NM	2.5	2.5	InSitu	3/25/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
B181	1256326.08	245430.2602	NM	2.5	2.5	InSitu	3/25/2011	GRO	30	5000	30/30	2800		EXCEED	
B180	1256305.917	245418.3764	NM	4.5	4.5	InSitu	3/25/2011	Benzene	0.02		0.027/0.0017	0.5		EXCEED	
B180	1256305.917	245418.3764	NM	4.5	4.5	InSitu	3/25/2011	DRO+ORO	2000	12000	2,000/2,000	810			
B180	1256305.917	245418.3764	NM	4.5	4.5	InSitu	3/25/2011	GRO	30	5000	30/30	1300		EXCEED	
B177	1256246.439	245346.1387	NM	2.5	2.5	InSitu	3/25/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B177	1256246.439	245346.1387	NM	2.5	2.5	InSitu	3/25/2011	DRO+ORO	2000	12000	2,000/2,000	610			
B177	1256246.439	245346.1387	NM	2.5	2.5	InSitu	3/25/2011	GRO	30	5000	30/30	4.9			
B176	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/25/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B176	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/25/2011	DRO+ORO	2000	12000	2,000/2,000	2800		EXCEED	
B176	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/25/2011	GRO	30	5000	30/30	200		EXCEED	
B175	1255889.318	245448.0755	NM	15	15	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B175	1255889.318	245448.0755	NM	15	15	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
B175	1255889.318	245448.0755	NM	15	15	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
B175	1255889.318	245448.0755	NM	15	15	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
B175	1255889.318	245448.0755	NM	11	11	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B175	1255889.318	245448.0755	NM	11	11	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
B175	1255889.318	245448.0755	NM	11	11	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
B175	1255889.318	245448.0755	NM	11	11	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.72		EXCEED	
B175	1255889.318	245448.0755	NM	7.5	7.5	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B175	1255889.318	245448.0755	NM	7.5	7.5	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
B175	1255889.318	245448.0755	NM	7.5	7.5	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
B175	1255889.318	245448.0755	NM	7.5	7.5	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
B175	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.02	U		
B175	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
B175	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
B175	1255889.318	245448.0755	NM	2.5	2.5	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
B131	1255963.935	245460.9442	NM	15	15.5	InSitu	3/30/2010	TCE	0.02	1	0.025/0.0015	0.66		EXCEED	
B131	1255963.935	245460.9442	NM	14.5	15	InSitu	3/30/2010	TCE	0.02	1	0.025/0.0015	0.5		EXCEED	
B131	1255963.935	245460.9442	NM	10	10	InSitu	12/29/2009	TCE	0.02	1	0.025/0.0015	0.23		EXCEED	
B130	1256074.307	245506.9025	NM	7.5	7.5	InSitu	12/29/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B130	1256074.307	245506.9025	NM	7.5	7.5	InSitu	12/29/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B130	1256074.307	245506.9025	NM	7.5	7.5	InSitu	12/29/2009	GRO	30	5000	30/30	2	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
B129	1256197.327	245432.6287	NM	9.5	9.5	InSitu	12/29/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B129	1256197.327	245432.6287	NM	9.5	9.5	InSitu	12/29/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B129	1256197.327	245432.6287	NM	9.5	9.5	InSitu	12/29/2009	GRO	30	5000	30/30	2	U		
B129	1256197.327	245432.6287	NM	5	5	InSitu	12/29/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B129	1256197.327	245432.6287	NM	5	5	InSitu	12/29/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B129	1256197.327	245432.6287	NM	5	5	InSitu	12/29/2009	GRO	30	5000	30/30	35		EXCEED	
B129	1256197.327	245432.6287	NM	2.5	2.5	InSitu	12/29/2009	Benzene	0.02		0.027/0.0017	0.2	U		
B129	1256197.327	245432.6287	NM	2.5	2.5	InSitu	12/29/2009	DRO+ORO	2000	12000	2,000/2,000	3000		EXCEED	
B129	1256197.327	245432.6287	NM	2.5	2.5	InSitu	12/29/2009	GRO	30	5000	30/30	230		EXCEED	
B127	1256277.694	245547.5307		9.5	9.5	InSitu, Immobilized	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B127	1256277.694	245547.5307		9.5	9.5	InSitu, Immobilized	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	2400		EXCEED	
B127	1256277.694	245547.5307		9.5	9.5	InSitu, Immobilized	12/28/2009	GRO	30	5000	30/30	17			
B127	1256277.694	245547.5307		4.5	4.5	InSitu, Immobilized	12/28/2009	Benzene	0.02		0.027/0.0017	0.2	U		
B127	1256277.694	245547.5307		4.5	4.5	InSitu, Immobilized	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	2100		EXCEED	
B127	1256277.694	245547.5307		4.5	4.5	InSitu, Immobilized	12/28/2009	GRO	30	5000	30/30	780		EXCEED	
B127	1256277.694	245547.5307		2.5	2.5	InSitu, Immobilized	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B127	1256277.694	245547.5307		2.5	2.5	InSitu, Immobilized	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	6600		EXCEED	
B127	1256277.694	245547.5307		2.5	2.5	InSitu, Immobilized	12/28/2009	GRO	30	5000	30/30	47		EXCEED	
B126	1256160.849	245293.108	NM	4.5	4.5	InSitu	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B126	1256160.849	245293.108	NM	4.5	4.5	InSitu	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B126	1256160.849	245293.108	NM	4.5	4.5	InSitu	12/28/2009	GRO	30	5000	30/30	2	U		
B126	1256160.849	245293.108	NM	2.5	2.5	InSitu	12/28/2009	Benzene	0.02		0.027/0.0017	0.1		EXCEED	
B126	1256160.849	245293.108	NM	2.5	2.5	InSitu	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B126	1256160.849	245293.108	NM	2.5	2.5	InSitu	12/28/2009	GRO	30	5000	30/30	2	U		
B125	1256542.619	245211.5474	NM	4.5	4.5	InSitu	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B125	1256542.619	245211.5474	NM	4.5	4.5	InSitu	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B125	1256542.619	245211.5474	NM	4.5	4.5	InSitu	12/28/2009	GRO	30	5000	30/30	2	U		
B124	1256440.58	245437.6283	NM	4.5	4.5	InSitu	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B124	1256440.58	245437.6283	NM	4.5	4.5	InSitu	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B124	1256440.58	245437.6283	NM	4.5	4.5	InSitu	12/28/2009	GRO	30	5000	30/30	2	U		
B124	1256440.58	245437.6283	NM	2.5	2.5	InSitu	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B124	1256440.58	245437.6283	NM	2.5	2.5	InSitu	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B124	1256440.58	245437.6283	NM	2.5	2.5	InSitu	12/28/2009	GRO	30	5000	30/30	2	U		
B121	1256261.391	245412.3808	NM	4.5	4.5	InSitu	12/28/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B121	1256261.391	245412.3808	NM	4.5	4.5	InSitu	12/28/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B121	1256261.391	245412.3808	NM	4.5	4.5	InSitu	12/28/2009	GRO	30	5000	30/30	2	U		
B116	1255836.259	245437.1638	NM	16	16	InSitu	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B116	1255836.259	245437.1638	NM	16	16	InSitu	3/18/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B116	1255836.259	245437.1638	NM	7	7	InSitu	3/18/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B116	1255836.259	245437.1638	NM	3	3	InSitu	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B116	1255836.259	245437.1638	NM	3	3	InSitu	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B116	1255836.259	245437.1638	NM	3	3	InSitu	3/18/2009	DRO+ORO	2000	12000	2,000/2,000	4100		EXCEED	
B116	1255836.259	245437.1638	NM	3	3	InSitu	3/18/2009	GRO	30	5000	30/30	2	U		
B116	1255836.259	245437.1638	NM	3	3	InSitu	3/18/2009	TCE	0.02	1	0.025/0.0015	0.21		EXCEED	
B115	1255889.771	245460.5768		18	18	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.43		EXCEED	
B115	1255889.771	245460.5768		12	12	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B115	1255889.771	245460.5768		12	12	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.037		EXCEED	
B115	1255889.771	245460.5768		3	3	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B115	1255889.771	245460.5768		3	3	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B114	1255912.935	245456.2294		21	21	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B114	1255912.935	245456.2294		21	21	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	2.3		EXCEED	EXCEED
B114	1255912.935	245456.2294		18	18	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B114	1255912.935	245456.2294		18	18	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B114	1255912.935	245456.2294		18	18	InSitu, Immobilized	3/18/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B114	1255912.935	245456.2294		18	18	InSitu, Immobilized	3/18/2009	GRO	30	5000	30/30	2	U		
B114	1255912.935	245456.2294		18	18	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	2.8		EXCEED	EXCEED
B114	1255912.935	245456.2294		4	4	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B113	1255917.651	245509.7299		11.5	11.5	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B113	1255917.651	245509.7299		11.5	11.5	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B112	1255977.211	245525.3135		18	18	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.35		EXCEED	
B112	1255977.211	245525.3135		16	16	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B112	1255977.211	245525.3135		16	16	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B112	1255977.211	245525.3135		16	16	InSitu, Immobilized	3/18/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B112	1255977.211	245525.3135		16	16	InSitu, Immobilized	3/18/2009	GRO	30	5000	30/30	2	U		
B112	1255977.211	245525.3135		16	16	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	3.3		EXCEED	EXCEED
B112	1255977.211	245525.3135		13	13	InSitu, Immobilized	3/18/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B112	1255977.211	245525.3135		13	13	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	1.1		EXCEED	EXCEED
B112	1255977.211	245525.3135		7	7	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.23		EXCEED	
B111	1255927.621	245449.336		18	18	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B111	1255927.621	245449.336		18	18	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	20		EXCEED	EXCEED
B111	1255927.621	245449.336		3	3	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B111	1255927.621	245449.336		3	3	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.032		EXCEED	
B111	1255927.621	245449.336		3	3	InSitu, Immobilized	3/18/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B110	1255939.259	245521.5606		16	16	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B110	1255939.259	245521.5606		16	16	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.8		EXCEED	
B110	1255939.259	245521.5606		11	11	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B110	1255939.259	245521.5606		11	11	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B110	1255939.259	245521.5606		11	11	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	2	U		
B110	1255939.259	245521.5606		10	10	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B110	1255939.259	245521.5606		10	10	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	4.2		EXCEED	EXCEED
B110	1255939.259	245521.5606		4	4	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B109	1255968.09	245555.1855		15	15	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B109	1255968.09	245555.1855		15	15	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.9		EXCEED	
B109	1255968.09	245555.1855		12	12	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B109	1255968.09	245555.1855		12	12	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	1.6		EXCEED	EXCEED
B109	1255968.09	245555.1855		6	6	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.24		EXCEED	
B108	1255899.333	245484.7907		14	14	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B108	1255899.333	245484.7907		14	14	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.42		EXCEED	
B108	1255899.333	245484.7907		8	8	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B107	1255958.696	245523.6377		22	22	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B107	1255958.696	245523.6377		22	22	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	6		EXCEED	EXCEED
B107	1255958.696	245523.6377		17	17	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B107	1255958.696	245523.6377		17	17	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	31		EXCEED	EXCEED
B107	1255958.696	245523.6377		13	13	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B107	1255958.696	245523.6377		13	13	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B107	1255958.696	245523.6377		13	13	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B107	1255958.696	245523.6377		13	13	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	3			
B107	1255958.696	245523.6377		13	13	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	110		EXCEED	EXCEED
B107	1255958.696	245523.6377		7	7	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.19		EXCEED	
B106	1255949.123	245442.335		20	20	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B106	1255949.123	245442.335		20	20	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B106	1255949.123	245442.335		20	20	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B106	1255949.123	245442.335		20	20	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	2	U		
B106	1255949.123	245442.335		20	20	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	36		EXCEED	EXCEED
B106	1255949.123	245442.335		16	16	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B106	1255949.123	245442.335		16	16	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	5.2		EXCEED	EXCEED
B106	1255949.123	245442.335		12	12	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.067		EXCEED	
B105	1255917.415	245489.7188		20	20	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.22		EXCEED	
B105	1255917.415	245489.7188		15	15	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B105	1255917.415	245489.7188		15	15	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B105	1255917.415	245489.7188		15	15	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B105	1255917.415	245489.7188		15	15	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	2	U		
B105	1255917.415	245489.7188		15	15	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	9		EXCEED	EXCEED
B105	1255917.415	245489.7188		10	10	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B105	1255917.415	245489.7188		10	10	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.091		EXCEED	
B105	1255917.415	245489.7188		3	3	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B104	1255922.01	245468.9616		18	18	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B104	1255922.01	245468.9616		18	18	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	3.1		EXCEED	EXCEED
B104	1255922.01	245468.9616		14	14	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B104	1255922.01	245468.9616		14	14	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B104	1255922.01	245468.9616		14	14	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
B104	1255922.01	245468.9616		14	14	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	3			
B104	1255922.01	245468.9616		14	14	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	3.8		EXCEED	EXCEED
B104	1255922.01	245468.9616		10	10	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
B104	1255922.01	245468.9616		10	10	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	2.5		EXCEED	EXCEED
B104	1255922.01	245468.9616		4	4	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
B101	1256009.628	245508.2468	NM	14	14	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.14		EXCEED	
B101	1256009.628	245508.2468	NM	10	10	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.31		EXCEED	
B101	1256009.628	245508.2468	NM	2	2	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B101	1256009.628	245508.2468	NM	2	2	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B101	1256009.628	245508.2468	NM	2	2	InSitu	12/30/2008	GRO	30	5000	30/30	10			
B101	1256009.628	245508.2468	NM	2	2	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B100	1255967.31	245395.7468	NM	3	3	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
B100	1255967.31	245395.7468	NM	3	3	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	610			
B100	1255967.31	245395.7468	NM	3	3	InSitu	12/30/2008	GRO	30	5000	30/30	96		EXCEED	
B100	1255967.31	245395.7468	NM	3	3	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B100	1255967.31	245395.7468	NM	0	0.5	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
B100	1255967.31	245395.7468	NM	0	0.5	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
B100	1255967.31	245395.7468	NM	0	0.5	InSitu	12/30/2008	GRO	30	5000	30/30	2	U		
B100	1255967.31	245395.7468	NM	0	0.5	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
B07	1255807.259	245507.3993	NM	3	3	InSitu	4/21/2006	Benzene	0.02		0.027/0.0017	0.016	U		
B07	1255807.259	245507.3993	NM	3	3	InSitu	4/21/2006	GRO	30	5000	30/30	57	CN	EXCEED	
B07	1255807.259	245507.3993	NM	1.5	1.5	InSitu	4/21/2006	Benzene	0.02		0.027/0.0017	0.0013	U		
B07	1255807.259	245507.3993	NM	1.5	1.5	InSitu	4/21/2006	DRO+ORO	2000	12000	2,000/2,000	1300			
B07	1255807.259	245507.3993	NM	1.5	1.5	InSitu	4/21/2006	GRO	30	5000	30/30	140	CN	EXCEED	
B07	1255807.259	245507.3993	NM	1.5	1.5	InSitu	4/21/2006	TCE	0.02	1	0.025/0.0015	0.0021	U		
02SB09	1256051.678	245751.272	NM	20.5	20.5	InSitu	6/11/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB09	1256051.678	245751.272	NM	20.5	20.5	InSitu	6/11/1999	DRO+ORO	2000	12000	2,000/2,000	11			
02SB09	1256051.678	245751.272	NM	20.5	20.5	InSitu	6/11/1999	GRO	30	5000	30/30	5	U		
02SB09	1256051.678	245751.272	NM	15.5	15.5	InSitu	6/11/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB09	1256051.678	245751.272	NM	15.5	15.5	InSitu	6/11/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB09	1256051.678	245751.272	NM	15.5	15.5	InSitu	6/11/1999	GRO	30	5000	30/30	5	U		
02SB09	1256051.678	245751.272	NM	10	10	InSitu	6/11/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB09	1256051.678	245751.272	NM	10	10	InSitu	6/11/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB09	1256051.678	245751.272	NM	10	10	InSitu	6/11/1999	GRO	30	5000	30/30	5	U		
02SB09	1256051.678	245751.272	NM	6	6	InSitu	6/11/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB09	1256051.678	245751.272	NM	6	6	InSitu	6/11/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB09	1256051.678	245751.272	NM	6	6	InSitu	6/11/1999	GRO	30	5000	30/30	5	U		
02SB06	1256003.02	245824.6745	NM	10.5	10.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB06	1256003.02	245824.6745	NM	10.5	10.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB06	1256003.02	245824.6745	NM	10.5	10.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB06	1256003.02	245824.6745	NM	5.5	5.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB06	1256003.02	245824.6745	NM	5.5	5.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB06	1256003.02	245824.6745	NM	5.5	5.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB04	1256048.332	245808.7023	NM	15	15	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB04	1256048.332	245808.7023	NM	15	15	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	78			
02SB04	1256048.332	245808.7023	NM	15	15	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB04	1256048.332	245808.7023	NM	10.5	10.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB04	1256048.332	245808.7023	NM	10.5	10.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB04	1256048.332	245808.7023	NM	10.5	10.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB03	1256023.158	245793.5981	NM	20	20	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB03	1256023.158	245793.5981	NM	20	20	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	50			
02SB03	1256023.158	245793.5981	NM	20	20	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB03	1256023.158	245793.5981	NM	16	16	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB03	1256023.158	245793.5981	NM	16	16	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB03	1256023.158	245793.5981	NM	16	16	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB03	1256023.158	245793.5981	NM	11	11	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB03	1256023.158	245793.5981	NM	11	11	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB03	1256023.158	245793.5981	NM	11	11	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB03	1256023.158	245793.5981	NM	5.5	5.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB03	1256023.158	245793.5981	NM	5.5	5.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB03	1256023.158	245793.5981	NM	5.5	5.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB02	1256060.966	245784.6606	NM	15	15	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB02	1256060.966	245784.6606	NM	15	15	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB02	1256060.966	245784.6606	NM	15	15	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB02	1256060.966	245784.6606	NM	13.5	13.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB02	1256060.966	245784.6606	NM	13.5	13.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB02	1256060.966	245784.6606	NM	13.5	13.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB02	1256060.966	245784.6606	NM	8.5	8.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB02	1256060.966	245784.6606	NM	8.5	8.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB02	1256060.966	245784.6606	NM	8.5	8.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB02	1256060.966	245784.6606	NM	3.5	3.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB02	1256060.966	245784.6606	NM	3.5	3.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	57			
02SB02	1256060.966	245784.6606	NM	3.5	3.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB01	1256049.291	245759.3015	NM	12.5	12.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB01	1256049.291	245759.3015	NM	12.5	12.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB01	1256049.291	245759.3015	NM	12.5	12.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB01	1256049.291	245759.3015	NM	10.5	10.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB01	1256049.291	245759.3015	NM	10.5	10.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	31			
02SB01	1256049.291	245759.3015	NM	10.5	10.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB01	1256049.291	245759.3015	NM	8	8	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB01	1256049.291	245759.3015	NM	8	8	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	25	U		
02SB01	1256049.291	245759.3015	NM	8	8	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB01	1256049.291	245759.3015	NM	6	6	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB01	1256049.291	245759.3015	NM	6	6	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	1000			
02SB01	1256049.291	245759.3015	NM	6	6	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02SB01	1256049.291	245759.3015	NM	3.5	3.5	InSitu	6/7/1999	Benzene	0.02		0.027/0.0017	0.05	U		
02SB01	1256049.291	245759.3015	NM	3.5	3.5	InSitu	6/7/1999	DRO+ORO	2000	12000	2,000/2,000	1900			
02SB01	1256049.291	245759.3015	NM	3.5	3.5	InSitu	6/7/1999	GRO	30	5000	30/30	5	U		
02MW14	1255817.678	245715.3161	41.33	15	15	InSitu	11/17/2008	Benzene	0.02		0.027/0.0017	0.03	U		
02MW14	1255817.678	245715.3161	41.33	15	15	InSitu	11/17/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
02MW14	1255817.678	245715.3161	41.33	15	15	InSitu	11/17/2008	GRO	30	5000	30/30	2	U		
02MW14	1255817.678	245715.3161	41.33	15	15	InSitu	11/17/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
02MW14	1255817.678	245715.3161	41.33	5	5	InSitu	11/17/2008	Benzene	0.02		0.027/0.0017	0.03	U		
02MW14	1255817.678	245715.3161	41.33	5	5	InSitu	11/17/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
02MW14	1255817.678	245715.3161	41.33	5	5	InSitu	11/17/2008	GRO	30	5000	30/30	2	U		
02MW14	1255817.678	245715.3161	41.33	5	5	InSitu	11/17/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01SVE01	1255957.247	245462.1862		15	15	InSitu, Immobilized	2/11/2010	TCE	0.02	1	0.025/0.0015	3.8		EXCEED	EXCEED
01SVE01	1255957.247	245462.1862		10.5	10.5	InSitu, Immobilized	2/11/2010	Benzene	0.02		0.027/0.0017	0.04		EXCEED	
01SVE01	1255957.247	245462.1862		10.5	10.5	InSitu, Immobilized	2/11/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01SVE01	1255957.247	245462.1862		10.5	10.5	InSitu, Immobilized	2/11/2010	GRO	30	5000	30/30	2	U		
01SVE01	1255957.247	245462.1862		10.5	10.5	InSitu, Immobilized	2/11/2010	TCE	0.02	1	0.025/0.0015	16		EXCEED	EXCEED
01SB09	1256198.648	245514.331		18	18	InSitu, Immobilized	6/6/1999	Benzene	0.02		0.027/0.0017	5.3		EXCEED	
01SB09	1256198.648	245514.331		18	18	InSitu, Immobilized	6/6/1999	DRO+ORO	2000	12000	2,000/2,000	5900		EXCEED	
01SB09	1256198.648	245514.331		18	18	InSitu, Immobilized	6/6/1999	GRO	30	5000	30/30	4000		EXCEED	
01SB09	1256198.648	245514.331		12.5	12.5	InSitu, Immobilized	6/6/1999	Benzene	0.02		0.027/0.0017	5600		EXCEED	
01SB09	1256198.648	245514.331		12.5	12.5	InSitu, Immobilized	6/6/1999	DRO+ORO	2000	12000	2,000/2,000	15000		EXCEED	EXCEED
01SB09	1256198.648	245514.331		12.5	12.5	InSitu, Immobilized	6/6/1999	GRO	30	5000	30/30	760000		EXCEED	EXCEED
01SB09	1256198.648	245514.331		7	7	InSitu, Immobilized	6/6/1999	Benzene	0.02		0.027/0.0017	3.5		EXCEED	
01SB09	1256198.648	245514.331		7	7	InSitu, Immobilized	6/6/1999	DRO+ORO	2000	12000	2,000/2,000	25000		EXCEED	EXCEED
01SB09	1256198.648	245514.331		7	7	InSitu, Immobilized	6/6/1999	GRO	30	5000	30/30	2400		EXCEED	
01SB09	1256198.648	245514.331		2.5	2.5	InSitu, Immobilized	6/6/1999	Benzene	0.02		0.027/0.0017	2.1		EXCEED	
01SB09	1256198.648	245514.331		2.5	2.5	InSitu, Immobilized	6/6/1999	DRO+ORO	2000	12000	2,000/2,000	2300		EXCEED	
01SB09	1256198.648	245514.331		2.5	2.5	InSitu, Immobilized	6/6/1999	GRO	30	5000	30/30	380		EXCEED	
01SB08	1256198.526	245558.4898		12.5	12.5	InSitu, Immobilized	6/6/1999	Benzene	0.02		0.027/0.0017	10		EXCEED	
01SB08	1256198.526	245558.4898		12.5	12.5	InSitu, Immobilized	6/6/1999	DRO+ORO	2000	12000	2,000/2,000	34000		EXCEED	EXCEED
01SB08	1256198.526	245558.4898		12.5	12.5	InSitu, Immobilized	6/6/1999	GRO	30	5000	30/30	3700		EXCEED	
01SB05	1256191.185	245546.5786		10	10	InSitu, Immobilized	6/6/1999	Benzene	0.02		0.027/0.0017	2.5	U		
01SB05	1256191.185	245546.5786		10	10	InSitu, Immobilized	6/6/1999	DRO+ORO	2000	12000	2,000/2,000	2500		EXCEED	
01SB05	1256191.185	245546.5786		10	10	InSitu, Immobilized	6/6/1999	GRO	30	5000	30/30	2400		EXCEED	
01MW99	1256477.15	245145.81	66.01	25	25	InSitu	3/25/2015	Benzene	0.02		0.027/0.0017	0.02	U		
01MW99	1256477.15	245145.81	66.01	25	25	InSitu	3/25/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW99	1256477.15	245145.81	66.01	25	25	InSitu	3/25/2015	GRO	30	5000	30/30	2	U		
01MW99	1256477.15	245145.81	66.01	17.5	17.5	InSitu	3/25/2015	Benzene	0.02		0.027/0.0017	0.02	U		
01MW99	1256477.15	245145.81	66.01	17.5	17.5	InSitu	3/25/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW99	1256477.15	245145.81	66.01	17.5	17.5	InSitu	3/25/2015	GRO	30	5000	30/30	2	U		
01MW99	1256477.15	245145.81	66.01	7.5	7.5	InSitu	3/25/2015	Benzene	0.02		0.027/0.0017	0.02	U		
01MW99	1256477.15	245145.81	66.01	7.5	7.5	InSitu	3/25/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW99	1256477.15	245145.81	66.01	7.5	7.5	InSitu	3/25/2015	GRO	30	5000	30/30	2	U		
01MW98	1255866.286	245395.5794	57.73	16	16	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW98	1255866.286	245395.5794	57.73	8	8	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW98	1255866.286	245395.5794	57.73	8	8	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW98	1255866.286	245395.5794	57.73	8	8	InSitu	5/7/2013	GRO	30	5000	30/30	2	U		
01MW98	1255866.286	245395.5794	57.73	8	8	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.12		EXCEED	
01MW98	1255866.286	245395.5794	57.73	6	6	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW98	1255866.286	245395.5794	57.73	6	6	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	5200		EXCEED	
01MW98	1255866.286	245395.5794	57.73	6	6	InSitu	5/7/2013	GRO	30	5000	30/30	130		EXCEED	
01MW98	1255866.286	245395.5794	57.73	6	6	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.55		EXCEED	
01MW98	1255866.286	245395.5794	57.73	3.5	3.5	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW98	1255866.286	245395.5794	57.73	3.5	3.5	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW98	1255866.286	245395.5794	57.73	3.5	3.5	InSitu	5/7/2013	GRO	30	5000	30/30	2	U		
01MW98	1255866.286	245395.5794	57.73	3.5	3.5	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW97	1255903.379	245357.9307	58.73	16	16	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW97	1255903.379	245357.9307	58.73	11	11	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW97	1255903.379	245357.9307	58.73	11	11	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW97	1255903.379	245357.9307	58.73	11	11	InSitu	5/7/2013	GRO	30	5000	30/30	3.2			

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW97	1255903.379	245357.9307	58.73	11	11	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	7.9		EXCEED	EXCEED
01MW97	1255903.379	245357.9307	58.73	6	6	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW97	1255903.379	245357.9307	58.73	6	6	InSitu	5/7/2013	GRO	30	5000	30/30	2.2			
01MW97	1255903.379	245357.9307	58.73	6	6	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.12		EXCEED	
01MW97	1255903.379	245357.9307	58.73	3	3	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW97	1255903.379	245357.9307	58.73	3	3	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW97	1255903.379	245357.9307	58.73	3	3	InSitu	5/7/2013	GRO	30	5000	30/30	2	U		
01MW97	1255903.379	245357.9307	58.73	3	3	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.098		EXCEED	
01MW96	1255926.837	245358.5419	59.51	10	10	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW96	1255926.837	245358.5419	59.51	10	10	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW96	1255926.837	245358.5419	59.51	10	10	InSitu	5/7/2013	GRO	30	5000	30/30	2	U		
01MW96	1255926.837	245358.5419	59.51	10	10	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW96	1255926.837	245358.5419	59.51	7.5	7.5	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW96	1255926.837	245358.5419	59.51	7.5	7.5	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	68			
01MW96	1255926.837	245358.5419	59.51	7.5	7.5	InSitu	5/7/2013	GRO	30	5000	30/30	16			
01MW96	1255926.837	245358.5419	59.51	7.5	7.5	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW96	1255926.837	245358.5419	59.51	2.5	2.5	InSitu	5/7/2013	Benzene	0.02		0.027/0.0017	0.02	U		
01MW96	1255926.837	245358.5419	59.51	2.5	2.5	InSitu	5/7/2013	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW96	1255926.837	245358.5419	59.51	2.5	2.5	InSitu	5/7/2013	GRO	30	5000	30/30	30			
01MW96	1255926.837	245358.5419	59.51	2.5	2.5	InSitu	5/7/2013	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW95	1255935.88	245328.62	59.29	7.5	7.5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW95	1255935.88	245328.62	59.29	7.5	7.5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW95	1255935.88	245328.62	59.29	7.5	7.5	InSitu	8/17/2012	GRO	30	5000	30/30	8.7			
01MW95	1255935.88	245328.62	59.29	7.5	7.5	InSitu	8/17/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW95	1255935.88	245328.62	59.29	5	5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW95	1255935.88	245328.62	59.29	5	5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	3000		EXCEED	
01MW95	1255935.88	245328.62	59.29	5	5	InSitu	8/17/2012	GRO	30	5000	30/30	240		EXCEED	
01MW95	1255935.88	245328.62	59.29	5	5	InSitu	8/17/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW95	1255935.88	245328.62	59.29	2.5	2.5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW95	1255935.88	245328.62	59.29	2.5	2.5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW95	1255935.88	245328.62	59.29	2.5	2.5	InSitu	8/17/2012	GRO	30	5000	30/30	2	U		
01MW95	1255935.88	245328.62	59.29	0.5	0.5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW95	1255935.88	245328.62	59.29	0.5	0.5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	140			
01MW95	1255935.88	245328.62	59.29	0.5	0.5	InSitu	8/17/2012	GRO	30	5000	30/30	2	U		
01MW95	1255935.88	245328.62	59.29	0.5	0.5	InSitu	8/17/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW94	1255853.66	245383.26	58.5	17.5	17.5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW94	1255853.66	245383.26	58.5	17.5	17.5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW94	1255853.66	245383.26	58.5	17.5	17.5	InSitu	8/17/2012	GRO	30	5000	30/30	2	U		
01MW94	1255853.66	245383.26	58.5	17.5	17.5	InSitu	8/17/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW94	1255853.66	245383.26	58.5	12.5	12.5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW94	1255853.66	245383.26	58.5	12.5	12.5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW94	1255853.66	245383.26	58.5	12.5	12.5	InSitu	8/17/2012	GRO	30	5000	30/30	2	U		
01MW94	1255853.66	245383.26	58.5	12.5	12.5	InSitu	8/17/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW94	1255853.66	245383.26	58.5	2.5	2.5	InSitu	8/17/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW94	1255853.66	245383.26	58.5	2.5	2.5	InSitu	8/17/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW94	1255853.66	245383.26	58.5	2.5	2.5	InSitu	8/17/2012	GRO	30	5000	30/30	2	U		
01MW94	1255853.66	245383.26	58.5	2.5	2.5	InSitu	8/17/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW93	1255899.8	245355.28	58.92	22.5	22.5	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW93	1255899.8	245355.28	58.92	17.5	17.5	InSitu	8/16/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW93	1255899.8	245355.28	58.92	17.5	17.5	InSitu	8/16/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW93	1255899.8	245355.28	58.92	17.5	17.5	InSitu	8/16/2012	GRO	30	5000	30/30	2	U		
01MW93	1255899.8	245355.28	58.92	17.5	17.5	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW93	1255899.8	245355.28	58.92	7.5	7.5	InSitu	8/16/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW93	1255899.8	245355.28	58.92	7.5	7.5	InSitu	8/16/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW93	1255899.8	245355.28	58.92	7.5	7.5	InSitu	8/16/2012	GRO	30	5000	30/30	2	U		
01MW93	1255899.8	245355.28	58.92	7.5	7.5	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.18		EXCEED	
01MW93	1255899.8	245355.28	58.92	5	5	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW93	1255899.8	245355.28	58.92	2.5	2.5	InSitu	8/16/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW93	1255899.8	245355.28	58.92	2.5	2.5	InSitu	8/16/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW93	1255899.8	245355.28	58.92	2.5	2.5	InSitu	8/16/2012	GRO	30	5000	30/30	2	U		
01MW93	1255899.8	245355.28	58.92	2.5	2.5	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW92	1255896.93	245377.8	58.47	12.5	12.5	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW92	1255896.93	245377.8	58.47	10	10	InSitu	8/16/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW92	1255896.93	245377.8	58.47	10	10	InSitu	8/16/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW92	1255896.93	245377.8	58.47	10	10	InSitu	8/16/2012	GRO	30	5000	30/30	2	U		
01MW92	1255896.93	245377.8	58.47	10	10	InSitu	8/16/2012	TCE	0.02	1	0.025/0.0015	0.05		EXCEED	
01MW92	1255896.93	245377.8	58.47	5	5	InSitu	8/16/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW92	1255896.93	245377.8	58.47	5	5	InSitu	8/16/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW92	1255896.93	245377.8	58.47	5	5	InSitu	8/16/2012	GRO	30	5000	30/30	2	U		
01MW92	1255896.93	245377.8	58.47	2.5	2.5	InSitu	8/16/2012	Benzene	0.02		0.027/0.0017	0.02	U		
01MW92	1255896.93	245377.8	58.47	2.5	2.5	InSitu	8/16/2012	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW92	1255896.93	245377.8	58.47	2.5	2.5	InSitu	8/16/2012	GRO	30	5000	30/30	2	U		
01MW91	1256304.501	245333.0298	46	7.5	7.5	InSitu	12/29/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW91	1256304.501	245333.0298	46	7.5	7.5	InSitu	12/29/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW91	1256304.501	245333.0298	46	7.5	7.5	InSitu	12/29/2011	GRO	30	5000	30/30	2	U		
01MW91	1256304.501	245333.0298	46	5	5	InSitu	12/29/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW91	1256304.501	245333.0298	46	5	5	InSitu	12/29/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW91	1256304.501	245333.0298	46	5	5	InSitu	12/29/2011	GRO	30	5000	30/30	2	U		
01MW90	1256261.678	245301.854	46.66	7.5	7.5	InSitu	12/29/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW90	1256261.678	245301.854	46.66	7.5	7.5	InSitu	12/29/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW90	1256261.678	245301.854	46.66	7.5	7.5	InSitu	12/29/2011	GRO	30	5000	30/30	2	U		
01MW89	1255966.372	245605.873	43.26	12.5	12.5	InSitu	4/21/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW89	1255966.372	245605.873	43.26	12.5	12.5	InSitu	4/21/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW89	1255966.372	245605.873	43.26	12.5	12.5	InSitu	4/21/2011	GRO	30	5000	30/30	2	U		
01MW89	1255966.372	245605.873	43.26	12.5	12.5	InSitu	4/21/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW89	1255966.372	245605.873	43.26	7.5	7.5	InSitu	4/21/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW89	1255966.372	245605.873	43.26	7.5	7.5	InSitu	4/21/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW89	1255966.372	245605.873	43.26	7.5	7.5	InSitu	4/21/2011	GRO	30	5000	30/30	2	U		
01MW89	1255966.372	245605.873	43.26	7.5	7.5	InSitu	4/21/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW89	1255966.372	245605.873	43.26	2.5	2.5	InSitu	4/21/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW89	1255966.372	245605.873	43.26	2.5	2.5	InSitu	4/21/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW89	1255966.372	245605.873	43.26	2.5	2.5	InSitu	4/21/2011	GRO	30	5000	30/30	2	U		
01MW89	1255966.372	245605.873	43.26	2.5	2.5	InSitu	4/21/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW88	1256316.027	245622.796	45.1	15	15	InSitu	4/21/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW88	1256316.027	245622.796	45.1	15	15	InSitu	4/21/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW88	1256316.027	245622.796	45.1	15	15	InSitu	4/21/2011	GRO	30	5000	30/30	2	U		
01MW88	1256316.027	245622.796	45.1	10	10	InSitu	4/21/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW88	1256316.027	245622.796	45.1	10	10	InSitu	4/21/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW88	1256316.027	245622.796	45.1	10	10	InSitu	4/21/2011	GRO	30	5000	30/30	2	U		
01MW88	1256316.027	245622.796	45.1	7.5	7.5	InSitu	4/21/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW88	1256316.027	245622.796	45.1	7.5	7.5	InSitu	4/21/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW88	1256316.027	245622.796	45.1	7.5	7.5	InSitu	4/21/2011	GRO	30	5000	30/30	2	U		
01MW87	1256308.361	245582.453	45.27	17.5	17.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW87	1256308.361	245582.453	45.27	17.5	17.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW87	1256308.361	245582.453	45.27	17.5	17.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW87	1256308.361	245582.453	45.27	10	10	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW87	1256308.361	245582.453	45.27	10	10	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW87	1256308.361	245582.453	45.27	10	10	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW87	1256308.361	245582.453	45.27	7.5	7.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW87	1256308.361	245582.453	45.27	7.5	7.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW87	1256308.361	245582.453	45.27	7.5	7.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW86	1256215.03	245604.156	44.8	17.5	17.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW86	1256215.03	245604.156	44.8	17.5	17.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW86	1256215.03	245604.156	44.8	17.5	17.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW86	1256215.03	245604.156	44.8	10	10	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW86	1256215.03	245604.156	44.8	10	10	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW86	1256215.03	245604.156	44.8	10	10	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW86	1256215.03	245604.156	44.8	7.5	7.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW86	1256215.03	245604.156	44.8	7.5	7.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW86	1256215.03	245604.156	44.8	7.5	7.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW85	1255842.524	245604.574	44.05	12.5	12.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW85	1255842.524	245604.574	44.05	12.5	12.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW85	1255842.524	245604.574	44.05	12.5	12.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW85	1255842.524	245604.574	44.05	12.5	12.5	InSitu	4/20/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW85	1255842.524	245604.574	44.05	7.5	7.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW85	1255842.524	245604.574	44.05	7.5	7.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW85	1255842.524	245604.574	44.05	7.5	7.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW85	1255842.524	245604.574	44.05	7.5	7.5	InSitu	4/20/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW85	1255842.524	245604.574	44.05	2.5	2.5	InSitu	4/20/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW85	1255842.524	245604.574	44.05	2.5	2.5	InSitu	4/20/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW85	1255842.524	245604.574	44.05	2.5	2.5	InSitu	4/20/2011	GRO	30	5000	30/30	2	U		
01MW85	1255842.524	245604.574	44.05	2.5	2.5	InSitu	4/20/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW84	1256118.399	245649.143	43.62	17.5	17.5	InSitu	4/19/2011	Benzene	0.02		0.027/0.0017	0.02	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW84	1256118.399	245649.143	43.62	17.5	17.5	InSitu	4/19/2011	GRO	30	5000	30/30	2	U		
01MW84	1256118.399	245649.143	43.62	15	15	InSitu	4/19/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW84	1256118.399	245649.143	43.62	15	15	InSitu	4/19/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW84	1256118.399	245649.143	43.62	15	15	InSitu	4/19/2011	GRO	30	5000	30/30	5.4			
01MW84	1256118.399	245649.143	43.62	7.5	7.5	InSitu	4/19/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW84	1256118.399	245649.143	43.62	7.5	7.5	InSitu	4/19/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW84	1256118.399	245649.143	43.62	7.5	7.5	InSitu	4/19/2011	GRO	30	5000	30/30	2	U		
01MW81	1255845.944	245546.9024	44	12.5	12.5	InSitu	4/18/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW81	1255845.944	245546.9024	44	12.5	12.5	InSitu	4/18/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW81	1255845.944	245546.9024	44	12.5	12.5	InSitu	4/18/2011	GRO	30	5000	30/30	2	U		
01MW81	1255845.944	245546.9024	44	12.5	12.5	InSitu	4/18/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW80	1255875.687	245567.7545	44.83	12.5	12.5	InSitu	4/18/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW80	1255875.687	245567.7545	44.83	12.5	12.5	InSitu	4/18/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW80	1255875.687	245567.7545	44.83	12.5	12.5	InSitu	4/18/2011	GRO	30	5000	30/30	2	U		
01MW80	1255875.687	245567.7545	44.83	12.5	12.5	InSitu	4/18/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW80	1255875.687	245567.7545	44.83	7.5	7.5	InSitu	4/18/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW80	1255875.687	245567.7545	44.83	7.5	7.5	InSitu	4/18/2011	DRO+ORO	2000	12000	2,000/2,000	2300		EXCEED	
01MW80	1255875.687	245567.7545	44.83	7.5	7.5	InSitu	4/18/2011	GRO	30	5000	30/30	260		EXCEED	
01MW80	1255875.687	245567.7545	44.83	7.5	7.5	InSitu	4/18/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW80	1255875.687	245567.7545	44.83	2.5	2.5	InSitu	4/18/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW80	1255875.687	245567.7545	44.83	2.5	2.5	InSitu	4/18/2011	DRO+ORO	2000	12000	2,000/2,000	2300		EXCEED	
01MW80	1255875.687	245567.7545	44.83	2.5	2.5	InSitu	4/18/2011	GRO	30	5000	30/30	95		EXCEED	
01MW80	1255875.687	245567.7545	44.83	2.5	2.5	InSitu	4/18/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW79	1255967.126	245441.612	54.36	10.5	10.5	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW79	1255967.126	245441.612	54.36	10.5	10.5	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW79	1255967.126	245441.612	54.36	10.5	10.5	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
01MW79	1255967.126	245441.612	54.36	10.5	10.5	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.13		EXCEED	
01MW79	1255967.126	245441.612	54.36	7.5	7.5	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW79	1255967.126	245441.612	54.36	7.5	7.5	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW79	1255967.126	245441.612	54.36	7.5	7.5	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
01MW79	1255967.126	245441.612	54.36	7.5	7.5	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW79	1255967.126	245441.612	54.36	2.5	2.5	InSitu	3/3/2011	Benzene	0.02		0.027/0.0017	0.027		EXCEED	
01MW79	1255967.126	245441.612	54.36	2.5	2.5	InSitu	3/3/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW79	1255967.126	245441.612	54.36	2.5	2.5	InSitu	3/3/2011	GRO	30	5000	30/30	2	U		
01MW79	1255967.126	245441.612	54.36	2.5	2.5	InSitu	3/3/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW78	1255913.408	245386.34	58.17	27.5	27.5	InSitu, Immobilized	3/2/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW78	1255913.408	245386.34	58.17	27.5	27.5	InSitu, Immobilized	3/2/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW78	1255913.408	245386.34	58.17	27.5	27.5	InSitu, Immobilized	3/2/2011	GRO	30	5000	30/30	3.8	CN		
01MW78	1255913.408	245386.34	58.17	27.5	27.5	InSitu, Immobilized	3/2/2011	TCE	0.02	1	0.025/0.0015	5.3		EXCEED	EXCEED
01MW78	1255913.408	245386.34	58.17	25	25	InSitu, Immobilized	3/2/2011	TCE	0.02	1	0.025/0.0015	47		EXCEED	EXCEED
01MW78	1255913.408	245386.34	58.17	15	15	InSitu, Immobilized	3/2/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW78	1255913.408	245386.34	58.17	10	10	InSitu, Immobilized	3/2/2011	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW78	1255913.408	245386.34	58.17	7.5	7.5	InSitu, Immobilized	3/2/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW78	1255913.408	245386.34	58.17	7.5	7.5	InSitu, Immobilized	3/2/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW78	1255913.408	245386.34	58.17	7.5	7.5	InSitu, Immobilized	3/2/2011	GRO	30	5000	30/30	4.4	CN		
01MW78	1255913.408	245386.34	58.17	7.5	7.5	InSitu, Immobilized	3/2/2011	TCE	0.02	1	0.025/0.0015	7.7		EXCEED	EXCEED
01MW77	1255966.601	245455.6021	50.3	20	20	InSitu, Immobilized	3/1/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW77	1255966.601	245455.6021	50.3	20	20	InSitu, Immobilized	3/1/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW77	1255966.601	245455.6021	50.3	20	20	InSitu, Immobilized	3/1/2011	GRO	30	5000	30/30	2	U		
01MW77	1255966.601	245455.6021	50.3	20	20	InSitu, Immobilized	3/1/2011	TCE	0.02	1	0.025/0.0015	3.1		EXCEED	EXCEED
01MW76	1255978.228	245547.499	45.79	22.5	22.5	InSitu	2/28/2011	Benzene	0.02		0.027/0.0017	0.02	U		
01MW76	1255978.228	245547.499	45.79	22.5	22.5	InSitu	2/28/2011	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW76	1255978.228	245547.499	45.79	22.5	22.5	InSitu	2/28/2011	GRO	30	5000	30/30	2	U		
01MW76	1255978.228	245547.499	45.79	17.5	17.5	InSitu	2/28/2011	TCE	0.02	1	0.025/0.0015	0.19		EXCEED	
01MW76	1255978.228	245547.499	45.79	15	15	InSitu	2/28/2011	TCE	0.02	1	0.025/0.0015	0.1		EXCEED	
01MW76	1255978.228	245547.499	45.79	10	10	InSitu	2/28/2011	TCE	0.02	1	0.025/0.0015	0.6		EXCEED	
01MW76	1255978.228	245547.499	45.79	5	5	InSitu	2/28/2011	TCE	0.02	1	0.025/0.0015	0.065		EXCEED	
01MW74	1256325.492	245411.6302	46.17	10.5	10.5	InSitu	3/10/2010	Benzene	0.02		0.027/0.0017	3.9		EXCEED	
01MW74	1256325.492	245411.6302	46.17	10.5	10.5	InSitu	3/10/2010	DRO+ORO	2000	12000	2,000/2,000	2700		EXCEED	
01MW74	1256325.492	245411.6302	46.17	10.5	10.5	InSitu	3/10/2010	GRO	30	5000	30/30	200		EXCEED	
01MW74	1256325.492	245411.6302	46.17	5.5	5.5	InSitu	3/10/2010	Benzene	0.02		0.027/0.0017	12		EXCEED	
01MW74	1256325.492	245411.6302	46.17	5.5	5.5	InSitu	3/10/2010	DRO+ORO	2000	12000	2,000/2,000	2300		EXCEED	
01MW74	1256325.492	245411.6302	46.17	5.5	5.5	InSitu	3/10/2010	GRO	30	5000	30/30	2600		EXCEED	
01MW73	1256320.566	245365.1006	60.72	10	10	InSitu	3/10/2010	Benzene	0.02		0.027/0.0017	0.12		EXCEED	
01MW73	1256320.566	245365.1006	60.72	10	10	InSitu	3/10/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW73	1256320.566	245365.1006	60.72	10	10	InSitu	3/10/2010	GRO	30	5000	30/30	3			
01MW73	1256320.566	245365.1006	60.72	5.5	5.5	InSitu	3/10/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW71	1255905.782	245392.5867	58.38	20	20	InSitu, Immobilized	2/11/2010	TCE	0.02	1	0.025/0.0015	120		EXCEED	EXCEED
01MW71	1255905.782	245392.5867	58.38	5.5	5.5	InSitu, Immobilized	2/11/2010	Benzene	0.02		0.027/0.0017	0.02	U		
01MW71	1255905.782	245392.5867	58.38	5.5	5.5	InSitu, Immobilized	2/11/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW71	1255905.782	245392.5867	58.38	5.5	5.5	InSitu, Immobilized	2/11/2010	GRO	30	5000	30/30	2	U		
01MW71	1255905.782	245392.5867	58.38	5.5	5.5	InSitu, Immobilized	2/11/2010	TCE	0.02	1	0.025/0.0015	0.8		EXCEED	
01MW70	1255893.427	245401.9949	58.14	10.5	10.5	InSitu, Immobilized	2/11/2010	Benzene	0.02		0.027/0.0017	0.02	U		
01MW70	1255893.427	245401.9949	58.14	10.5	10.5	InSitu, Immobilized	2/11/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW70	1255893.427	245401.9949	58.14	10.5	10.5	InSitu, Immobilized	2/11/2010	GRO	30	5000	30/30	2	U		
01MW70	1255893.427	245401.9949	58.14	10.5	10.5	InSitu, Immobilized	2/11/2010	TCE	0.02	1	0.025/0.0015	1.7		EXCEED	EXCEED
01MW70	1255893.427	245401.9949	58.14	2.5	2.5	InSitu, Immobilized	2/11/2010	Benzene	0.02		0.027/0.0017	0.02	U		
01MW70	1255893.427	245401.9949	58.14	2.5	2.5	InSitu, Immobilized	2/11/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW70	1255893.427	245401.9949	58.14	2.5	2.5	InSitu, Immobilized	2/11/2010	GRO	30	5000	30/30	2	U		
01MW70	1255893.427	245401.9949	58.14	2.5	2.5	InSitu, Immobilized	2/11/2010	TCE	0.02	1	0.025/0.0015	0.033		EXCEED	
01MW69	1256185.719	245487.2367	44.14	13	13	InSitu	7/24/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW69	1256185.719	245487.2367	44.14	13	13	InSitu	7/24/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW69	1256185.719	245487.2367	44.14	13	13	InSitu	7/24/2009	GRO	30	5000	30/30	2	U		
01MW68	1256203.843	245550.3109	50.7	21	21	InSitu, Immobilized	7/23/2009	Benzene	0.02		0.027/0.0017	0.07		EXCEED	
01MW68	1256203.843	245550.3109	50.7	21	21	InSitu, Immobilized	7/23/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW68	1256203.843	245550.3109	50.7	21	21	InSitu, Immobilized	7/23/2009	GRO	30	5000	30/30	2	U		
01MW68	1256203.843	245550.3109	50.7	10.5	10.5	InSitu, Immobilized	7/23/2009	Benzene	0.02		0.027/0.0017	29		EXCEED	
01MW68	1256203.843	245550.3109	50.7	10.5	10.5	InSitu, Immobilized	7/23/2009	DRO+ORO	2000	12000	2,000/2,000	6400		EXCEED	
01MW68	1256203.843	245550.3109	50.7	10.5	10.5	InSitu, Immobilized	7/23/2009	GRO	30	5000	30/30	1100		EXCEED	
01MW67	1256184.972	245466.3028	44.4	11	11	InSitu	7/23/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW67	1256184.972	245466.3028	44.4	11	11	InSitu	7/23/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW67	1256184.972	245466.3028	44.4	11	11	InSitu	7/23/2009	GRO	30	5000	30/30	7			
01MW67	1256184.972	245466.3028	44.4	1	1	InSitu	7/23/2009	Benzene	0.02		0.027/0.0017	0.2	U		
01MW67	1256184.972	245466.3028	44.4	1	1	InSitu	7/23/2009	DRO+ORO	2000	12000	2,000/2,000	12000		EXCEED	
01MW67	1256184.972	245466.3028	44.4	1	1	InSitu	7/23/2009	GRO	30	5000	30/30	450		EXCEED	
01MW66	1256188.076	245431.3828	47.33	12.5	12.5	InSitu	8/3/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW66	1256188.076	245431.3828	47.33	12.5	12.5	InSitu	8/3/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW66	1256188.076	245431.3828	47.33	12.5	12.5	InSitu	8/3/2009	GRO	30	5000	30/30	2	U		
01MW66	1256188.076	245431.3828	47.33	2.5	2.5	InSitu	7/23/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW66	1256188.076	245431.3828	47.33	2.5	2.5	InSitu	7/23/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW66	1256188.076	245431.3828	47.33	2.5	2.5	InSitu	7/23/2009	GRO	30	5000	30/30	17			
01MW65	1255960.026	245458.6813	50.42	40	40	InSitu	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW65	1255960.026	245458.6813	50.42	40	40	InSitu	3/17/2009	TCE	0.02	1	0.025/0.0015	0.18		EXCEED	
01MW64	1255868.572	245419.0873	57.74	20	20	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW64	1255868.572	245419.0873	57.74	20	20	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW64	1255868.572	245419.0873	57.74	17.5	17.5	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW64	1255868.572	245419.0873	57.74	17.5	17.5	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	1.3		EXCEED	EXCEED
01MW64	1255868.572	245419.0873	57.74	7.5	7.5	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW64	1255868.572	245419.0873	57.74	7.5	7.5	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW64	1255868.572	245419.0873	57.74	7.5	7.5	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	3			
01MW64	1255868.572	245419.0873	57.74	7.5	7.5	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	15		EXCEED	EXCEED
01MW64	1255868.572	245419.0873	57.74	5	5	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW64	1255868.572	245419.0873	57.74	5	5	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	2	U		
01MW64	1255868.572	245419.0873	57.74	2.5	2.5	InSitu, Immobilized	3/17/2009	Benzene	0.02		0.027/0.0017	0.02	U		
01MW64	1255868.572	245419.0873	57.74	2.5	2.5	InSitu, Immobilized	3/17/2009	DRO+ORO	2000	12000	2,000/2,000	670			
01MW64	1255868.572	245419.0873	57.74	2.5	2.5	InSitu, Immobilized	3/17/2009	GRO	30	5000	30/30	68		EXCEED	
01MW64	1255868.572	245419.0873	57.74	2.5	2.5	InSitu, Immobilized	3/17/2009	TCE	0.02	1	0.025/0.0015	44		EXCEED	EXCEED
01MW63	1255965.916	245438.418	54.38	32.5	32.5	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW63	1255965.916	245438.418	54.38	18	17.5	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW63	1255965.916	245438.418	54.38	18	17.5	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW63	1255965.916	245438.418	54.38	18	17.5	InSitu	12/30/2008	GRO	30	5000	30/30	22			
01MW63	1255965.916	245438.418	54.38	5	5	InSitu	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW63	1255965.916	245438.418	54.38	5	5	InSitu	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW63	1255965.916	245438.418	54.38	5	5	InSitu	12/30/2008	GRO	30	5000	30/30	2	U		
01MW62	1255917.14	245383.818	58.54	37.5	37.5	InSitu	12/30/2008	TCE	0.02	1	0.025/0.0015	0.1		EXCEED	
01MW62	1255917.14	245383.818	58.54	30	30	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	4.2		EXCEED	EXCEED
01MW62	1255917.14	245383.818	58.54	20	20	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW62	1255917.14	245383.818	58.54	20	20	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW62	1255917.14	245383.818	58.54	20	20	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	11			
01MW62	1255917.14	245383.818	58.54	20	20	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	52		EXCEED	EXCEED
01MW62	1255917.14	245383.818	58.54	18	17.5	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW62	1255917.14	245383.818	58.54	18	17.5	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW62	1255917.14	245383.818	58.54	18	17.5	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	27			

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW62	1255917.14	245383.818	58.54	18	17.5	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	66		EXCEED	EXCEED
01MW62	1255917.14	245383.818	58.54	5	5	InSitu, Immobilized	12/30/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW62	1255917.14	245383.818	58.54	5	5	InSitu, Immobilized	12/30/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW62	1255917.14	245383.818	58.54	5	5	InSitu, Immobilized	12/30/2008	GRO	30	5000	30/30	2	U		
01MW62	1255917.14	245383.818	58.54	5	5	InSitu, Immobilized	12/30/2008	TCE	0.02	1	0.025/0.0015	0.22		EXCEED	
01MW61	1256004.415	245342.8037	63.34	27.5	27.5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW61	1256004.415	245342.8037	63.34	7.5	7.5	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW61	1256004.415	245342.8037	63.34	7.5	7.5	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW61	1256004.415	245342.8037	63.34	7.5	7.5	InSitu	12/29/2008	GRO	30	5000	30/30	2	U		
01MW61	1256004.415	245342.8037	63.34	7.5	7.5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW61	1256004.415	245342.8037	63.34	5	5	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW61	1256004.415	245342.8037	63.34	5	5	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	220			
01MW61	1256004.415	245342.8037	63.34	5	5	InSitu	12/29/2008	GRO	30	5000	30/30	30			
01MW61	1256004.415	245342.8037	63.34	5	5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW60	1255949.81	245372.301	58.01	37.5	37.5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW60	1255949.81	245372.301	58.01	15	15	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.02	U		
01MW60	1255949.81	245372.301	58.01	15	15	InSitu	12/29/2008	GRO	30	5000	30/30	2	U		
01MW60	1255949.81	245372.301	58.01	7.5	7.5	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.61		EXCEED	
01MW60	1255949.81	245372.301	58.01	7.5	7.5	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	3200		EXCEED	
01MW60	1255949.81	245372.301	58.01	7.5	7.5	InSitu	12/29/2008	GRO	30	5000	30/30	1600		EXCEED	
01MW60	1255949.81	245372.301	58.01	7.5	7.5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW60	1255949.81	245372.301	58.01	5	5	InSitu	12/29/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW60	1255949.81	245372.301	58.01	5	5	InSitu	12/29/2008	DRO+ORO	2000	12000	2,000/2,000	2900		EXCEED	
01MW60	1255949.81	245372.301	58.01	5	5	InSitu	12/29/2008	GRO	30	5000	30/30	240		EXCEED	
01MW60	1255949.81	245372.301	58.01	5	5	InSitu	12/29/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW59	1256070.393	245507.691	46.49	15	15	InSitu	11/17/2008	Benzene	0.02		0.027/0.0017	0.02	U		
01MW59	1256070.393	245507.691	46.49	15	15	InSitu	11/17/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW59	1256070.393	245507.691	46.49	15	15	InSitu	11/17/2008	GRO	30	5000	30/30	2	U		
01MW59	1256070.393	245507.691	46.49	10	10	InSitu	11/17/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW58	1255836.755	245479.925	52	20	20	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW58	1255836.755	245479.925	52	20	20	InSitu	11/14/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW58	1255836.755	245479.925	52	20	20	InSitu	11/14/2008	GRO	30	5000	30/30	2	U		
01MW58	1255836.755	245479.925	52	20	20	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW58	1255836.755	245479.925	52	5	5	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW58	1255836.755	245479.925	52	5	5	InSitu	11/14/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW58	1255836.755	245479.925	52	5	5	InSitu	11/14/2008	GRO	30	5000	30/30	2	U		
01MW58	1255836.755	245479.925	52	5	5	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW57	1255850.997	245551.8624	55.45	40	40	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW57	1255850.997	245551.8624	55.45	40	40	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW57	1255850.997	245551.8624	55.45	32.5	32.5	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW57	1255850.997	245551.8624	55.45	32.5	32.5	InSitu	11/14/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW57	1255850.997	245551.8624	55.45	32.5	32.5	InSitu	11/14/2008	GRO	30	5000	30/30	2	U		
01MW57	1255850.997	245551.8624	55.45	32.5	32.5	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW57	1255850.997	245551.8624	55.45	5	5	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW57	1255850.997	245551.8624	55.45	5	5	InSitu	11/14/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW57	1255850.997	245551.8624	55.45	5	5	InSitu	11/14/2008	GRO	30	5000	30/30	2	U		
01MW57	1255850.997	245551.8624	55.45	5	5	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW56	1255932.013	245577.676	44.5	15	15	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW56	1255932.013	245577.676	44.5	15	15	InSitu	11/14/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW56	1255932.013	245577.676	44.5	15	15	InSitu	11/14/2008	GRO	30	5000	30/30	2	U		
01MW56	1255932.013	245577.676	44.5	15	15	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW56	1255932.013	245577.676	44.5	5	5	InSitu	11/14/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW56	1255932.013	245577.676	44.5	5	5	InSitu	11/14/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW56	1255932.013	245577.676	44.5	5	5	InSitu	11/14/2008	GRO	30	5000	30/30	2	U		
01MW56	1255932.013	245577.676	44.5	5	5	InSitu	11/14/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW55	1255963.368	245456.9782	50.37	15	15	InSitu, Immobilized	11/13/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW55	1255963.368	245456.9782	50.37	15	15	InSitu, Immobilized	11/13/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW55	1255963.368	245456.9782	50.37	15	15	InSitu, Immobilized	11/13/2008	GRO	30	5000	30/30	3			
01MW55	1255963.368	245456.9782	50.37	15	15	InSitu, Immobilized	11/13/2008	TCE	0.02	1	0.025/0.0015	7.8		EXCEED	EXCEED
01MW55	1255963.368	245456.9782	50.37	5	5	InSitu, Immobilized	11/13/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW55	1255963.368	245456.9782	50.37	5	5	InSitu, Immobilized	11/13/2008	DRO+ORO	2000	12000	2,000/2,000	91			
01MW55	1255963.368	245456.9782	50.37	5	5	InSitu, Immobilized	11/13/2008	GRO	30	5000	30/30	21			
01MW55	1255963.368	245456.9782	50.37	5	5	InSitu, Immobilized	11/13/2008	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW54	1255960.969	245481.2973	49.25	15	15	InSitu, Immobilized	11/13/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW54	1255960.969	245481.2973	49.25	15	15	InSitu, Immobilized	11/13/2008	TCE	0.02	1	0.025/0.0015	4.5		EXCEED	EXCEED
01MW54	1255960.969	245481.2973	49.25	10	10	InSitu, Immobilized	11/13/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW54	1255960.969	245481.2973	49.25	10	10	InSitu, Immobilized	11/13/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW54	1255960.969	245481.2973	49.25	10	10	InSitu, Immobilized	11/13/2008	GRO	30	5000	30/30	9			
01MW54	1255960.969	245481.2973	49.25	10	10	InSitu, Immobilized	11/13/2008	TCE	0.02	1	0.025/0.0015	34		EXCEED	EXCEED
01MW54	1255960.969	245481.2973	49.25	5	5	InSitu, Immobilized	11/13/2008	Benzene	0.02		0.027/0.0017	0.03	U		
01MW54	1255960.969	245481.2973	49.25	5	5	InSitu, Immobilized	11/13/2008	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW54	1255960.969	245481.2973	49.25	5	5	InSitu, Immobilized	11/13/2008	GRO	30	5000	30/30	2	U		
01MW54	1255960.969	245481.2973	49.25	5	5	InSitu, Immobilized	11/13/2008	TCE	0.02	1	0.025/0.0015	0.11		EXCEED	
01MW53	1255901.892	245616.925	43.11	40	40	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.03	U		
01MW53	1255901.892	245616.925	43.11	40	40	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.02	U		
01MW53	1255901.892	245616.925	43.11	40	40	InSitu	12/6/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW53	1255901.892	245616.925	43.11	40	40	InSitu	12/6/2007	GRO	30	5000	30/30	2	U		
01MW53	1255901.892	245616.925	43.11	40	40	InSitu	12/6/2007	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW53	1255901.892	245616.925	43.11	35	35	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.03	U		
01MW53	1255901.892	245616.925	43.11	35	35	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.02	U		
01MW53	1255901.892	245616.925	43.11	35	35	InSitu	12/6/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW53	1255901.892	245616.925	43.11	35	35	InSitu	12/6/2007	GRO	30	5000	30/30	2	U		
01MW53	1255901.892	245616.925	43.11	35	35	InSitu	12/6/2007	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW53	1255901.892	245616.925	43.11	20	20	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.03	U		
01MW53	1255901.892	245616.925	43.11	20	20	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.02	U		
01MW53	1255901.892	245616.925	43.11	20	20	InSitu	12/6/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW53	1255901.892	245616.925	43.11	20	20	InSitu	12/6/2007	GRO	30	5000	30/30	2	U		
01MW53	1255901.892	245616.925	43.11	20	20	InSitu	12/6/2007	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW53	1255901.892	245616.925	43.11	15	15	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.03	U		
01MW53	1255901.892	245616.925	43.11	15	15	InSitu	12/6/2007	Benzene	0.02		0.027/0.0017	0.02	U		
01MW53	1255901.892	245616.925	43.11	15	15	InSitu	12/6/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW53	1255901.892	245616.925	43.11	15	15	InSitu	12/6/2007	GRO	30	5000	30/30	2	U		
01MW53	1255901.892	245616.925	43.11	15	15	InSitu	12/6/2007	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW52	1255973.936	245618.0138	48.72	20	20	InSitu	12/5/2007	Benzene	0.02		0.027/0.0017	0.03	U		
01MW52	1255973.936	245618.0138	48.72	20	20	InSitu	12/5/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW52	1255973.936	245618.0138	48.72	20	20	InSitu	12/5/2007	GRO	30	5000	30/30	2	U		
01MW52	1255973.936	245618.0138	48.72	20	20	InSitu	12/5/2007	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW52	1255973.936	245618.0138	48.72	15	15	InSitu	12/5/2007	Benzene	0.02		0.027/0.0017	0.03	U		
01MW52	1255973.936	245618.0138	48.72	15	15	InSitu	12/5/2007	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW52	1255973.936	245618.0138	48.72	15	15	InSitu	12/5/2007	GRO	30	5000	30/30	2	U		
01MW52	1255973.936	245618.0138	48.72	15	15	InSitu	12/5/2007	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW51	1256144.731	245611.3969	45.07	40	40	InSitu	12/22/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW51	1256144.731	245611.3969	45.07	40	40	InSitu	12/22/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW51	1256144.731	245611.3969	45.07	40	40	InSitu	12/22/2006	GRO	30	5000	30/30	2	U		
01MW51	1256144.731	245611.3969	45.07	31	31	InSitu	12/22/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW51	1256144.731	245611.3969	45.07	31	31	InSitu	12/22/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW51	1256144.731	245611.3969	45.07	31	31	InSitu	12/22/2006	GRO	30	5000	30/30	2	U		
01MW51	1256144.731	245611.3969	45.07	16	16	InSitu	12/22/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW51	1256144.731	245611.3969	45.07	16	16	InSitu	12/22/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW51	1256144.731	245611.3969	45.07	16	16	InSitu	12/22/2006	GRO	30	5000	30/30	2	U		
01MW50	1256052.698	245613.705	43.48	33	33	InSitu	12/21/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW50	1256052.698	245613.705	43.48	33	33	InSitu	12/21/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW50	1256052.698	245613.705	43.48	33	33	InSitu	12/21/2006	GRO	30	5000	30/30	2.5	U		
01MW50	1256052.698	245613.705	43.48	18	18	InSitu	12/21/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW50	1256052.698	245613.705	43.48	18	18	InSitu	12/21/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW50	1256052.698	245613.705	43.48	18	18	InSitu	12/21/2006	GRO	30	5000	30/30	3.5			
01MW50	1256052.698	245613.705	43.48	18	18	InSitu	12/21/2006	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW50	1256052.698	245613.705	43.48	11	11	InSitu	12/21/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW50	1256052.698	245613.705	43.48	11	11	InSitu	12/21/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW50	1256052.698	245613.705	43.48	11	11	InSitu	12/21/2006	GRO	30	5000	30/30	5			
01MW49	1256270.197	245595.3421	44.93	16	16	InSitu	12/21/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW49	1256270.197	245595.3421	44.93	16	16	InSitu	12/21/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW49	1256270.197	245595.3421	44.93	16	16	InSitu	12/21/2006	GRO	30	5000	30/30	2.5	U		
01MW49	1256270.197	245595.3421	44.93	13	13	InSitu	12/21/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW49	1256270.197	245595.3421	44.93	13	13	InSitu	12/21/2006	DRO+ORO	2000	12000	2,000/2,000	6800		EXCEED	
01MW49	1256270.197	245595.3421	44.93	13	13	InSitu	12/21/2006	GRO	30	5000	30/30	280		EXCEED	
01MW49	1256270.197	245595.3421	44.93	10	10	InSitu	12/21/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW49	1256270.197	245595.3421	44.93	10	10	InSitu	12/21/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW49	1256270.197	245595.3421	44.93	10	10	InSitu	12/21/2006	GRO	30	5000	30/30	2.5	U		
01MW48	1256198.778	245610.0044	44.72	35	35	InSitu	11/30/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW48	1256198.778	245610.0044	44.72	35	35	InSitu	11/30/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW48	1256198.778	245610.0044	44.72	35	35	InSitu	11/30/2006	GRO	30	5000	30/30	2	U		
01MW48	1256198.778	245610.0044	44.72	28	28	InSitu	11/30/2006	Benzene	0.02		0.027/0.0017	0.28		EXCEED	

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW48	1256198.778	245610.0044	44.72	28	28	InSitu	11/30/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW48	1256198.778	245610.0044	44.72	28	28	InSitu	11/30/2006	GRO	30	5000	30/30	2	U		
01MW48	1256198.778	245610.0044	44.72	28	28	InSitu	11/30/2006	TCE	0.02	1	0.025/0.0015	0.03	U		
01MW48	1256198.778	245610.0044	44.72	23	23	InSitu	11/30/2006	Benzene	0.02		0.027/0.0017	0.55		EXCEED	
01MW48	1256198.778	245610.0044	44.72	23	23	InSitu	11/30/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW48	1256198.778	245610.0044	44.72	23	23	InSitu	11/30/2006	GRO	30	5000	30/30	3			
01MW48	1256198.778	245610.0044	44.72	15	15	InSitu	11/30/2006	Benzene	0.02		0.027/0.0017	0.03	U		
01MW48	1256198.778	245610.0044	44.72	15	15	InSitu	11/30/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW48	1256198.778	245610.0044	44.72	15	15	InSitu	11/30/2006	GRO	30	5000	30/30	2	U		
01MW47	1256102.21	245617.9836	43.87	20	20	InSitu	11/29/2006	Benzene	0.02		0.027/0.0017	1.4		EXCEED	
01MW47	1256102.21	245617.9836	43.87	20	20	InSitu	11/29/2006	Benzene	0.02		0.027/0.0017	1.3		EXCEED	
01MW47	1256102.21	245617.9836	43.87	20	20	InSitu	11/29/2006	DRO+ORO	2000	12000	2,000/2,000	10000		EXCEED	
01MW47	1256102.21	245617.9836	43.87	20	20	InSitu	11/29/2006	GRO	30	5000	30/30	150		EXCEED	
01MW47	1256102.21	245617.9836	43.87	15	15	InSitu	11/29/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW47	1256102.21	245617.9836	43.87	15	15	InSitu	11/29/2006	DRO+ORO	2000	12000	2,000/2,000	11000		EXCEED	
01MW47	1256102.21	245617.9836	43.87	15	15	InSitu	11/29/2006	GRO	30	5000	30/30	26			
01MW47	1256102.21	245617.9836	43.87	10	10	InSitu	11/29/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW47	1256102.21	245617.9836	43.87	10	10	InSitu	11/29/2006	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW47	1256102.21	245617.9836	43.87	10	10	InSitu	11/29/2006	GRO	30	5000	30/30	3			
01MW46	1255896.632	245527.326	46.68	27.5	27.5	InSitu	9/13/2006	Benzene	0.02		0.027/0.0017	0.0017	U		
01MW46	1255896.632	245527.326	46.68	27.5	27.5	InSitu	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW46	1255896.632	245527.326	46.68	27.5	27.5	InSitu	9/13/2006	GRO	30	5000	30/30	5.3	U		
01MW46	1255896.632	245527.326	46.68	27.5	27.5	InSitu	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0028	U		
01MW46	1255896.632	245527.326	46.68	22.5	22.5	InSitu	9/13/2006	Benzene	0.02		0.027/0.0017	0.0012	U		
01MW46	1255896.632	245527.326	46.68	22.5	22.5	InSitu	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	27	U		
01MW46	1255896.632	245527.326	46.68	22.5	22.5	InSitu	9/13/2006	GRO	30	5000	30/30	5.6	U		
01MW46	1255896.632	245527.326	46.68	22.5	22.5	InSitu	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0021	U		
01MW46	1255896.632	245527.326	46.68	2.5	2.5	InSitu	9/13/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW46	1255896.632	245527.326	46.68	2.5	2.5	InSitu	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	180			
01MW46	1255896.632	245527.326	46.68	2.5	2.5	InSitu	9/13/2006	GRO	30	5000	30/30	96		EXCEED	
01MW46	1255896.632	245527.326	46.68	2.5	2.5	InSitu	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0026	U		
01MW45	1255982.964	245547.291	45.89	25	25	InSitu, Immobilized	9/13/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
01MW45	1255982.964	245547.291	45.89	25	25	InSitu, Immobilized	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW45	1255982.964	245547.291	45.89	25	25	InSitu, Immobilized	9/13/2006	GRO	30	5000	30/30	5.1	U		
01MW45	1255982.964	245547.291	45.89	25	25	InSitu, Immobilized	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW45	1255982.964	245547.291	45.89	22.5	22.5	InSitu, Immobilized	9/13/2006	Benzene	0.02		0.027/0.0017	0.0024			
01MW45	1255982.964	245547.291	45.89	22.5	22.5	InSitu, Immobilized	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
01MW45	1255982.964	245547.291	45.89	22.5	22.5	InSitu, Immobilized	9/13/2006	GRO	30	5000	30/30	4.7	U		
01MW45	1255982.964	245547.291	45.89	22.5	22.5	InSitu, Immobilized	9/13/2006	TCE	0.02	1	0.025/0.0015	1.8		EXCEED	EXCEED
01MW45	1255982.964	245547.291	45.89	2.5	2.5	InSitu, Immobilized	9/13/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
01MW45	1255982.964	245547.291	45.89	2.5	2.5	InSitu, Immobilized	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	32			
01MW45	1255982.964	245547.291	45.89	2.5	2.5	InSitu, Immobilized	9/13/2006	GRO	30	5000	30/30	27			
01MW45	1255982.964	245547.291	45.89	2.5	2.5	InSitu, Immobilized	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW44	1255957.353	245480.3874	49.46	27.5	27.5	InSitu	9/13/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW44	1255957.353	245480.3874	49.46	27.5	27.5	InSitu	9/13/2006	GRO	30	5000	30/30	4.7	U		
01MW44	1255957.353	245480.3874	49.46	27.5	27.5	InSitu	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0023	U		
01MW44	1255957.353	245480.3874	49.46	25	25	InSitu	9/13/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW44	1255957.353	245480.3874	49.46	25	25	InSitu	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW44	1255957.353	245480.3874	49.46	25	25	InSitu	9/13/2006	GRO	30	5000	30/30	5.9	U		
01MW44	1255957.353	245480.3874	49.46	25	25	InSitu	9/13/2006	TCE	0.02	1	0.025/0.0015	0.0027	U		
01MW44	1255957.353	245480.3874	49.46	22.5	22.5	InSitu	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW44	1255957.353	245480.3874	49.46	22.5	22.5	InSitu	9/13/2006	GRO	30	5000	30/30	6.5	U		
01MW44	1255957.353	245480.3874	49.46	2.5	2.5	InSitu	9/13/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW44	1255957.353	245480.3874	49.46	2.5	2.5	InSitu	9/13/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
01MW44	1255957.353	245480.3874	49.46	2.5	2.5	InSitu	9/13/2006	GRO	30	5000	30/30	5.7	U		
01MW44	1255957.353	245480.3874	49.46	2.5	2.5	InSitu	9/13/2006	TCE	0.02	1	0.025/0.0015	0.039		EXCEED	
01MW43	1256296.724	245528.4723	49.05	17.5	17.5	InSitu, Immobilized	9/8/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW43	1256296.724	245528.4723	49.05	17.5	17.5	InSitu, Immobilized	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW43	1256296.724	245528.4723	49.05	17.5	17.5	InSitu, Immobilized	9/8/2006	GRO	30	5000	30/30	6.1	U		
01MW43	1256296.724	245528.4723	49.05	17.5	17.5	InSitu, Immobilized	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0026	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	GRO	30	5000	30/30	5.6	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	GRO	30	5000	30/30	5.5	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW43	1256296.724	245528.4723	49.05	12.5	12.5	InSitu, Immobilized	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0022	U		
01MW42	1256365.694	245485.9281	47.89	12.5	12.5	InSitu	9/8/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
01MW42	1256365.694	245485.9281	47.89	12.5	12.5	InSitu	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW42	1256365.694	245485.9281	47.89	12.5	12.5	InSitu	9/8/2006	GRO	30	5000	30/30	5.9	U		
01MW42	1256365.694	245485.9281	47.89	12.5	12.5	InSitu	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW42	1256365.694	245485.9281	47.89	7.5	7.5	InSitu	9/8/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
01MW42	1256365.694	245485.9281	47.89	7.5	7.5	InSitu	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW42	1256365.694	245485.9281	47.89	7.5	7.5	InSitu	9/8/2006	GRO	30	5000	30/30	5.9	U		
01MW42	1256365.694	245485.9281	47.89	7.5	7.5	InSitu	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW42	1256365.694	245485.9281	47.89	2.5	2.5	InSitu	9/8/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW42	1256365.694	245485.9281	47.89	2.5	2.5	InSitu	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
01MW42	1256365.694	245485.9281	47.89	2.5	2.5	InSitu	9/8/2006	GRO	30	5000	30/30	5.3	U		
01MW42	1256365.694	245485.9281	47.89	2.5	2.5	InSitu	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0023	U		
01MW41	1256288.875	245453.6516	53.45	12.5	12.5	InSitu	9/8/2006	Benzene	0.02		0.027/0.0017	0.0017	U		
01MW41	1256288.875	245453.6516	53.45	12.5	12.5	InSitu	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW41	1256288.875	245453.6516	53.45	12.5	12.5	InSitu	9/8/2006	GRO	30	5000	30/30	5.7	U		
01MW41	1256288.875	245453.6516	53.45	12.5	12.5	InSitu	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0028	U		
01MW41	1256288.875	245453.6516	53.45	7.5	7.5	InSitu	9/8/2006	Benzene	0.02		0.027/0.0017	0.0015	U		
01MW41	1256288.875	245453.6516	53.45	7.5	7.5	InSitu	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW41	1256288.875	245453.6516	53.45	7.5	7.5	InSitu	9/8/2006	GRO	30	5000	30/30	6.3	U		
01MW41	1256288.875	245453.6516	53.45	7.5	7.5	InSitu	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW41	1256288.875	245453.6516	53.45	2.5	2.5	InSitu	9/8/2006	Benzene	0.02		0.027/0.0017	0.0017			
01MW41	1256288.875	245453.6516	53.45	2.5	2.5	InSitu	9/8/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW41	1256288.875	245453.6516	53.45	2.5	2.5	InSitu	9/8/2006	GRO	30	5000	30/30	5.6	U		
01MW41	1256288.875	245453.6516	53.45	2.5	2.5	InSitu	9/8/2006	TCE	0.02	1	0.025/0.0015	0.0024	U		
01MW40	1256228.422	245347.1251	49.01	12.5	12.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0013	U		
01MW40	1256228.422	245347.1251	49.01	12.5	12.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW40	1256228.422	245347.1251	49.01	12.5	12.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.2	U		
01MW40	1256228.422	245347.1251	49.01	12.5	12.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0022	U		
01MW40	1256228.422	245347.1251	49.01	7.5	7.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW40	1256228.422	245347.1251	49.01	7.5	7.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
01MW40	1256228.422	245347.1251	49.01	7.5	7.5	InSitu	9/7/2006	GRO	30	5000	30/30	5	U		
01MW40	1256228.422	245347.1251	49.01	7.5	7.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0024	U		
01MW40	1256228.422	245347.1251	49.01	2.5	2.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0017	U		
01MW40	1256228.422	245347.1251	49.01	2.5	2.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
01MW40	1256228.422	245347.1251	49.01	2.5	2.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.5	U		
01MW40	1256228.422	245347.1251	49.01	2.5	2.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0028	U		
01MW39	1256213.311	245244.5565	48.79	12.5	12.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW39	1256213.311	245244.5565	48.79	12.5	12.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
01MW39	1256213.311	245244.5565	48.79	12.5	12.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.3	U		
01MW39	1256213.311	245244.5565	48.79	12.5	12.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0026	U		
01MW39	1256213.311	245244.5565	48.79	7.5	7.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW39	1256213.311	245244.5565	48.79	7.5	7.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
01MW39	1256213.311	245244.5565	48.79	7.5	7.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.2	U		
01MW39	1256213.311	245244.5565	48.79	7.5	7.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0026	U		
01MW39	1256213.311	245244.5565	48.79	2.5	2.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0018	U		
01MW39	1256213.311	245244.5565	48.79	2.5	2.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW39	1256213.311	245244.5565	48.79	2.5	2.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.4	U		
01MW39	1256213.311	245244.5565	48.79	2.5	2.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.003	U		
01MW38	1256387.197	245312.7539	48.57	12.5	12.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW38	1256387.197	245312.7539	48.57	12.5	12.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW38	1256387.197	245312.7539	48.57	12.5	12.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.2	U		
01MW38	1256387.197	245312.7539	48.57	12.5	12.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0027	U		
01MW38	1256387.197	245312.7539	48.57	7.5	7.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.1	U		
01MW38	1256387.197	245312.7539	48.57	7.5	7.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	17			
01MW38	1256387.197	245312.7539	48.57	7.5	7.5	InSitu	9/7/2006	GRO	30	5000	30/30	79		EXCEED	
01MW38	1256387.197	245312.7539	48.57	7.5	7.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.1	U		
01MW38	1256387.197	245312.7539	48.57	2.5	2.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.19		EXCEED	
01MW38	1256387.197	245312.7539	48.57	2.5	2.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW38	1256387.197	245312.7539	48.57	2.5	2.5	InSitu	9/7/2006	GRO	30	5000	30/30	940		EXCEED	
01MW38	1256387.197	245312.7539	48.57	2.5	2.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW37	1256460.684	245345.9255	48.58	12.5	12.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0016	U		
01MW37	1256460.684	245345.9255	48.58	12.5	12.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW37	1256460.684	245345.9255	48.58	12.5	12.5	InSitu	9/7/2006	GRO	30	5000	30/30	5.9	U		
01MW37	1256460.684	245345.9255	48.58	12.5	12.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0027	U		
01MW37	1256460.684	245345.9255	48.58	7.5	7.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0016	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW37	1256460.684	245345.9255	48.58	7.5	7.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW37	1256460.684	245345.9255	48.58	7.5	7.5	InSitu	9/7/2006	GRO	30	5000	30/30	6.8	U		
01MW37	1256460.684	245345.9255	48.58	7.5	7.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0027	U		
01MW37	1256460.684	245345.9255	48.58	2.5	2.5	InSitu	9/7/2006	Benzene	0.02		0.027/0.0017	0.0019	U		
01MW37	1256460.684	245345.9255	48.58	2.5	2.5	InSitu	9/7/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
01MW37	1256460.684	245345.9255	48.58	2.5	2.5	InSitu	9/7/2006	GRO	30	5000	30/30	6	U		
01MW37	1256460.684	245345.9255	48.58	2.5	2.5	InSitu	9/7/2006	TCE	0.02	1	0.025/0.0015	0.0032	U		
01MW36	1256323.335	245604.7694	45.19	21	21	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW36	1256323.335	245604.7694	45.19	21	21	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW36	1256323.335	245604.7694	45.19	21	21	InSitu	7/7/2006	GRO	30	5000	30/30	4.9	U		
01MW36	1256323.335	245604.7694	45.19	21	21	InSitu	7/7/2006	TCE	0.02	1	0.025/0.0015	0.0023	U		
01MW36	1256323.335	245604.7694	45.19	15	15	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW36	1256323.335	245604.7694	45.19	15	15	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
01MW36	1256323.335	245604.7694	45.19	15	15	InSitu	7/7/2006	GRO	30	5000	30/30	5	U		
01MW36	1256323.335	245604.7694	45.19	11	11	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW36	1256323.335	245604.7694	45.19	11	11	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW36	1256323.335	245604.7694	45.19	11	11	InSitu	7/7/2006	GRO	30	5000	30/30	4.6	U		
01MW35	1256291.355	245613.8439	44.55	21	21	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW35	1256291.355	245613.8439	44.55	21	21	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
01MW35	1256291.355	245613.8439	44.55	21	21	InSitu	7/7/2006	GRO	30	5000	30/30	4.9	U		
01MW35	1256291.355	245613.8439	44.55	16	16	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.0068	U		
01MW35	1256291.355	245613.8439	44.55	16	16	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	450			
01MW35	1256291.355	245613.8439	44.55	16	16	InSitu	7/7/2006	GRO	30	5000	30/30	330	CN	EXCEED	
01MW35	1256291.355	245613.8439	44.55	16	16	InSitu	7/7/2006	TCE	0.02	1	0.025/0.0015	0.011	U		
01MW35	1256291.355	245613.8439	44.55	11	11	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW35	1256291.355	245613.8439	44.55	11	11	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	73			
01MW35	1256291.355	245613.8439	44.55	11	11	InSitu	7/7/2006	GRO	30	5000	30/30	4.8	U		
01MW34	1256349.486	245587.4006	45.21	18	18	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW34	1256349.486	245587.4006	45.21	18	18	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW34	1256349.486	245587.4006	45.21	18	18	InSitu	7/7/2006	GRO	30	5000	30/30	4.6	U		
01MW34	1256349.486	245587.4006	45.21	11	11	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW34	1256349.486	245587.4006	45.21	11	11	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW34	1256349.486	245587.4006	45.21	11	11	InSitu	7/7/2006	GRO	30	5000	30/30	4.7	U		
01MW33	1256295.573	245566.0559	46.77	23	23	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW33	1256295.573	245566.0559	46.77	23	23	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	32	U		
01MW33	1256295.573	245566.0559	46.77	23	23	InSitu	7/7/2006	GRO	30	5000	30/30	5.4	U		
01MW33	1256295.573	245566.0559	46.77	18	18	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.05		EXCEED	
01MW33	1256295.573	245566.0559	46.77	18	18	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	21			
01MW33	1256295.573	245566.0559	46.77	18	18	InSitu	7/7/2006	GRO	30	5000	30/30	5.8			
01MW33	1256295.573	245566.0559	46.77	11	11	InSitu	7/7/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW33	1256295.573	245566.0559	46.77	11	11	InSitu	7/7/2006	DRO+ORO	2000	12000	2,000/2,000	1400			
01MW33	1256295.573	245566.0559	46.77	11	11	InSitu	7/7/2006	GRO	30	5000	30/30	370	CN	EXCEED	
01MW32	1256214.724	245635.0407	42.92	27	27	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW32	1256214.724	245635.0407	42.92	27	27	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW32	1256214.724	245635.0407	42.92	27	27	InSitu	7/6/2006	GRO	30	5000	30/30	4.7	U		
01MW32	1256214.724	245635.0407	42.92	25	25	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.011			
01MW32	1256214.724	245635.0407	42.92	25	25	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW32	1256214.724	245635.0407	42.92	25	25	InSitu	7/6/2006	GRO	30	5000	30/30	4.8	U		
01MW32	1256214.724	245635.0407	42.92	25	25	InSitu	7/6/2006	TCE	0.02	1	0.025/0.0015	0.0025	U		
01MW32	1256214.724	245635.0407	42.92	20	20	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW32	1256214.724	245635.0407	42.92	20	20	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW32	1256214.724	245635.0407	42.92	20	20	InSitu	7/6/2006	GRO	30	5000	30/30	4.9	U		
01MW32	1256214.724	245635.0407	42.92	17.5	17.5	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW32	1256214.724	245635.0407	42.92	17.5	17.5	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
01MW32	1256214.724	245635.0407	42.92	17.5	17.5	InSitu	7/6/2006	GRO	30	5000	30/30	4.8	U		
01MW32	1256214.724	245635.0407	42.92	10	10	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW32	1256214.724	245635.0407	42.92	10	10	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW32	1256214.724	245635.0407	42.92	10	10	InSitu	7/6/2006	GRO	30	5000	30/30	4.4	U		
01MW31	1256125.284	245640.314	44.45	23	23	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.02			
01MW31	1256125.284	245640.314	44.45	23	23	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW31	1256125.284	245640.314	44.45	23	23	InSitu	7/6/2006	GRO	30	5000	30/30	4.7	U		
01MW31	1256125.284	245640.314	44.45	20	20	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.05		EXCEED	
01MW31	1256125.284	245640.314	44.45	20	20	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	30	U		
01MW31	1256125.284	245640.314	44.45	20	20	InSitu	7/6/2006	GRO	30	5000	30/30	4.9			
01MW31	1256125.284	245640.314	44.45	13	13	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW31	1256125.284	245640.314	44.45	13	13	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	29	U		
01MW31	1256125.284	245640.314	44.45	13	13	InSitu	7/6/2006	GRO	30	5000	30/30	4.7	U		
01MW31	1256125.284	245640.314	44.45	10	10	InSitu	7/6/2006	Benzene	0.02		0.027/0.0017	0.0014	U		
01MW31	1256125.284	245640.314	44.45	10	10	InSitu	7/6/2006	DRO+ORO	2000	12000	2,000/2,000	31	U		
01MW31	1256125.284	245640.314	44.45	10	10	InSitu	7/6/2006	GRO	30	5000	30/30	7			
01MW31	1256125.284	245640.314	44.45	10	10	InSitu	7/6/2006	TCE	0.02	1	0.025/0.0015	0.0023	U		
01MW30	1256046.105	245590.1133	48.04	21	21	InSitu	4/21/2006	Benzene	0.02		0.027/0.0017	0.02	U		
01MW30	1256046.105	245590.1133	48.04	21	21	InSitu	4/21/2006	DRO+ORO	2000	12000	2,000/2,000	28	U		
01MW30	1256046.105	245590.1133	48.04	21	21	InSitu	4/21/2006	GRO	30	5000	30/30	4.9	U		
01MW30	1256046.105	245590.1133	48.04	15	15	InSitu	4/21/2006	Benzene	0.02		0.027/0.0017	0.021	U		
01MW30	1256046.105	245590.1133	48.04	15	15	InSitu	4/21/2006	GRO	30	5000	30/30	5.3	U		
01MW30	1256046.105	245590.1133	48.04	8	8	InSitu	4/21/2006	Benzene	0.02		0.027/0.0017	0.022	U		
01MW30	1256046.105	245590.1133	48.04	8	8	InSitu	4/21/2006	DRO+ORO	2000	12000	2,000/2,000	390			
01MW30	1256046.105	245590.1133	48.04	8	8	InSitu	4/21/2006	GRO	30	5000	30/30	84	CN	EXCEED	
01MW30	1256046.105	245590.1133	48.04	2	2	InSitu	4/21/2006	DRO+ORO	2000	12000	2,000/2,000	720			
01MW29	1256246.029	245523.2414	49.79	20	20	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.29		EXCEED	
01MW29	1256246.029	245523.2414	49.79	20	20	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW29	1256246.029	245523.2414	49.79	20	20	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	5	U		
01MW29	1256246.029	245523.2414	49.79	15	15	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.11		EXCEED	
01MW29	1256246.029	245523.2414	49.79	15	15	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	310			
01MW29	1256246.029	245523.2414	49.79	15	15	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	300		EXCEED	
01MW29	1256246.029	245523.2414	49.79	10	10	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW29	1256246.029	245523.2414	49.79	10	10	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	75			
01MW29	1256246.029	245523.2414	49.79	10	10	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	120		EXCEED	
01MW29	1256246.029	245523.2414	49.79	5	5	InSitu, Immobilized	12/3/2002	Benzene	0.02		0.027/0.0017	0.01	U		
01MW29	1256246.029	245523.2414	49.79	5	5	InSitu, Immobilized	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	50			
01MW29	1256246.029	245523.2414	49.79	5	5	InSitu, Immobilized	12/3/2002	GRO	30	5000	30/30	130		EXCEED	
01MW28	1256215.67	245515.4284	52.38	25	25	InSitu	12/5/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW28	1256215.67	245515.4284	52.38	25	25	InSitu	12/5/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW28	1256215.67	245515.4284	52.38	25	25	InSitu	12/5/2002	GRO	30	5000	30/30	5	U		
01MW28	1256215.67	245515.4284	52.38	20	20	InSitu, Immobilized	12/5/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW28	1256215.67	245515.4284	52.38	20	20	InSitu, Immobilized	12/5/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW28	1256215.67	245515.4284	52.38	20	20	InSitu, Immobilized	12/5/2002	GRO	30	5000	30/30	0.0026	U		
01MW28	1256215.67	245515.4284	52.38	15	15	InSitu, Immobilized	12/5/2002	Benzene	0.02		0.027/0.0017	9.8		EXCEED	
01MW28	1256215.67	245515.4284	52.38	15	15	InSitu, Immobilized	12/5/2002	DRO+ORO	2000	12000	2,000/2,000	2800		EXCEED	
01MW28	1256215.67	245515.4284	52.38	15	15	InSitu, Immobilized	12/5/2002	GRO	30	5000	30/30	2900		EXCEED	
01MW28	1256215.67	245515.4284	52.38	10	10	InSitu, Immobilized	12/5/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW28	1256215.67	245515.4284	52.38	10	10	InSitu, Immobilized	12/5/2002	DRO+ORO	2000	12000	2,000/2,000	19000		EXCEED	EXCEED
01MW28	1256215.67	245515.4284	52.38	10	10	InSitu, Immobilized	12/5/2002	GRO	30	5000	30/30	1200		EXCEED	
01MW28	1256215.67	245515.4284	52.38	5	5	InSitu, Immobilized	12/5/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW28	1256215.67	245515.4284	52.38	5	5	InSitu, Immobilized	12/5/2002	DRO+ORO	2000	12000	2,000/2,000	1800			
01MW28	1256215.67	245515.4284	52.38	5	5	InSitu, Immobilized	12/5/2002	GRO	30	5000	30/30	47		EXCEED	
01MW27	1256213.777	245479.818	47.18	20	20	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW27	1256213.777	245479.818	47.18	20	20	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW27	1256213.777	245479.818	47.18	20	20	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	5	U		
01MW27	1256213.777	245479.818	47.18	15	15	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	0.27		EXCEED	
01MW27	1256213.777	245479.818	47.18	15	15	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	3800		EXCEED	
01MW27	1256213.777	245479.818	47.18	15	15	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	180		EXCEED	
01MW27	1256213.777	245479.818	47.18	10	10	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	8.2		EXCEED	
01MW27	1256213.777	245479.818	47.18	10	10	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	12000		EXCEED	
01MW27	1256213.777	245479.818	47.18	10	10	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	2400		EXCEED	
01MW27	1256213.777	245479.818	47.18	5	5	InSitu, Immobilized	12/4/2002	Benzene	0.02		0.027/0.0017	180		EXCEED	
01MW27	1256213.777	245479.818	47.18	5	5	InSitu, Immobilized	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	7400		EXCEED	
01MW27	1256213.777	245479.818	47.18	5	5	InSitu, Immobilized	12/4/2002	GRO	30	5000	30/30	5500		EXCEED	EXCEED
01MW26	1256216.466	245452.9036	54.31	20	20	InSitu	12/4/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW26	1256216.466	245452.9036	54.31	20	20	InSitu	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW26	1256216.466	245452.9036	54.31	20	20	InSitu	12/4/2002	GRO	30	5000	30/30	5	U		
01MW26	1256216.466	245452.9036	54.31	15	15	InSitu	12/4/2002	Benzene	0.02		0.027/0.0017	0.6	U		
01MW26	1256216.466	245452.9036	54.31	15	15	InSitu	12/4/2002	DRO+ORO	2000	12000	2,000/2,000	7000		EXCEED	
01MW26	1256216.466	245452.9036	54.31	15	15	InSitu	12/4/2002	GRO	30	5000	30/30	1400		EXCEED	
01MW25	1256248.164	245469.7566	53.71	18	18	InSitu	12/3/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW25	1256248.164	245469.7566	53.71	18	18	InSitu	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW25	1256248.164	245469.7566	53.71	18	18	InSitu	12/3/2002	GRO	30	5000	30/30	5	U		
01MW25	1256248.164	245469.7566	53.71	15	15	InSitu	12/3/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW25	1256248.164	245469.7566	53.71	15	15	InSitu	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW25	1256248.164	245469.7566	53.71	15	15	InSitu	12/3/2002	GRO	30	5000	30/30	5	U		
01MW24	1256245.927	245494.565	44.35	20	20	InSitu	12/3/2002	Benzene	0.02		0.027/0.0017	0.045		EXCEED	
01MW24	1256245.927	245494.565	44.35	20	20	InSitu	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW24	1256245.927	245494.565	44.35	20	20	InSitu	12/3/2002	GRO	30	5000	30/30	5	U		
01MW24	1256245.927	245494.565	44.35	15	15	InSitu	12/3/2002	Benzene	0.02		0.027/0.0017	0.1		EXCEED	
01MW24	1256245.927	245494.565	44.35	15	15	InSitu	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	12			
01MW24	1256245.927	245494.565	44.35	15	15	InSitu	12/3/2002	GRO	30	5000	30/30	5	U		
01MW24	1256245.927	245494.565	44.35	10	10	InSitu	12/3/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW24	1256245.927	245494.565	44.35	10	10	InSitu	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	420			
01MW24	1256245.927	245494.565	44.35	10	10	InSitu	12/3/2002	GRO	30	5000	30/30	28			
01MW24	1256245.927	245494.565	44.35	5	5	InSitu	12/3/2002	Benzene	0.02		0.027/0.0017	4.4		EXCEED	
01MW24	1256245.927	245494.565	44.35	5	5	InSitu	12/3/2002	DRO+ORO	2000	12000	2,000/2,000	3100		EXCEED	
01MW24	1256245.927	245494.565	44.35	5	5	InSitu	12/3/2002	GRO	30	5000	30/30	2200		EXCEED	
01MW23	1256258.537	245453.3281	55.55	20	20	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW23	1256258.537	245453.3281	55.55	20	20	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW23	1256258.537	245453.3281	55.55	20	20	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW23	1256258.537	245453.3281	55.55	15	15	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW23	1256258.537	245453.3281	55.55	15	15	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW23	1256258.537	245453.3281	55.55	15	15	InSitu	12/2/2002	GRO	30	5000	30/30	5.7			
01MW22	1256253.144	245423.6346	55.84	25	25	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW22	1256253.144	245423.6346	55.84	25	25	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW22	1256253.144	245423.6346	55.84	25	25	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW22	1256253.144	245423.6346	55.84	20	20	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.21		EXCEED	
01MW22	1256253.144	245423.6346	55.84	20	20	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW22	1256253.144	245423.6346	55.84	20	20	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW22	1256253.144	245423.6346	55.84	15	15	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.22		EXCEED	
01MW22	1256253.144	245423.6346	55.84	15	15	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW22	1256253.144	245423.6346	55.84	15	15	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW22	1256253.144	245423.6346	55.84	10	10	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW22	1256253.144	245423.6346	55.84	10	10	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW22	1256253.144	245423.6346	55.84	10	10	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW21	1256258.346	245384.2315	57.44	23	23	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW21	1256258.346	245384.2315	57.44	23	23	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW21	1256258.346	245384.2315	57.44	23	23	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW21	1256258.346	245384.2315	57.44	20	20	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW21	1256258.346	245384.2315	57.44	20	20	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	22			
01MW21	1256258.346	245384.2315	57.44	20	20	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW21	1256258.346	245384.2315	57.44	15	15	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW21	1256258.346	245384.2315	57.44	15	15	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW21	1256258.346	245384.2315	57.44	15	15	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW21	1256258.346	245384.2315	57.44	10	10	InSitu	12/2/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW21	1256258.346	245384.2315	57.44	10	10	InSitu	12/2/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW21	1256258.346	245384.2315	57.44	10	10	InSitu	12/2/2002	GRO	30	5000	30/30	5	U		
01MW20	1256109.272	245547.1964	52.15	25	25	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW20	1256109.272	245547.1964	52.15	25	25	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW20	1256109.272	245547.1964	52.15	25	25	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW20	1256109.272	245547.1964	52.15	20	20	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW20	1256109.272	245547.1964	52.15	20	20	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW20	1256109.272	245547.1964	52.15	20	20	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW20	1256109.272	245547.1964	52.15	15	15	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW20	1256109.272	245547.1964	52.15	15	15	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW20	1256109.272	245547.1964	52.15	15	15	InSitu	3/11/2002	GRO	30	5000	30/30	7.2			
01MW20	1256109.272	245547.1964	52.15	10	10	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW20	1256109.272	245547.1964	52.15	10	10	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW20	1256109.272	245547.1964	52.15	10	10	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW20	1256109.272	245547.1964	52.15	5	5	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW20	1256109.272	245547.1964	52.15	5	5	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	190			
01MW20	1256109.272	245547.1964	52.15	5	5	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW19	1256100.858	245573.3323	45.27	25	25	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW19	1256100.858	245573.3323	45.27	25	25	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW19	1256100.858	245573.3323	45.27	25	25	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW19	1256100.858	245573.3323	45.27	20	20	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW19	1256100.858	245573.3323	45.27	20	20	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW19	1256100.858	245573.3323	45.27	20	20	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW19	1256100.858	245573.3323	45.27	15	15	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.29		EXCEED	
01MW19	1256100.858	245573.3323	45.27	15	15	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW19	1256100.858	245573.3323	45.27	15	15	InSitu	3/11/2002	GRO	30	5000	30/30	11			
01MW19	1256100.858	245573.3323	45.27	10	10	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW19	1256100.858	245573.3323	45.27	10	10	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	47			
01MW19	1256100.858	245573.3323	45.27	10	10	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW19	1256100.858	245573.3323	45.27	5	5	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW19	1256100.858	245573.3323	45.27	5	5	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	110			
01MW19	1256100.858	245573.3323	45.27	5	5	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW18	1256116.234	245578.4666	49.57	30	30	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW18	1256116.234	245578.4666	49.57	30	30	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW18	1256116.234	245578.4666	49.57	30	30	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW18	1256116.234	245578.4666	49.57	25	25	InSitu	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW18	1256116.234	245578.4666	49.57	25	25	InSitu	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW18	1256116.234	245578.4666	49.57	25	25	InSitu	3/11/2002	GRO	30	5000	30/30	5	U		
01MW18	1256116.234	245578.4666	49.57	20	20	InSitu, Immobilized	3/11/2002	Benzene	0.02		0.027/0.0017	0.32		EXCEED	
01MW18	1256116.234	245578.4666	49.57	20	20	InSitu, Immobilized	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW18	1256116.234	245578.4666	49.57	20	20	InSitu, Immobilized	3/11/2002	GRO	30	5000	30/30	220		EXCEED	
01MW18	1256116.234	245578.4666	49.57	15	15	InSitu, Immobilized	3/11/2002	Benzene	0.02		0.027/0.0017	0.12	U		
01MW18	1256116.234	245578.4666	49.57	15	15	InSitu, Immobilized	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	680			
01MW18	1256116.234	245578.4666	49.57	15	15	InSitu, Immobilized	3/11/2002	GRO	30	5000	30/30	280		EXCEED	
01MW18	1256116.234	245578.4666	49.57	10	10	InSitu, Immobilized	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW18	1256116.234	245578.4666	49.57	10	10	InSitu, Immobilized	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW18	1256116.234	245578.4666	49.57	10	10	InSitu, Immobilized	3/11/2002	GRO	30	5000	30/30	5	U		
01MW18	1256116.234	245578.4666	49.57	5	5	InSitu, Immobilized	3/11/2002	Benzene	0.02		0.027/0.0017	0.03	U		
01MW18	1256116.234	245578.4666	49.57	5	5	InSitu, Immobilized	3/11/2002	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW18	1256116.234	245578.4666	49.57	5	5	InSitu, Immobilized	3/11/2002	GRO	30	5000	30/30	5	U		
01MW17	1256477.214	245167.4524	70.31	15	15	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW17	1256477.214	245167.4524	70.31	15	15	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW17	1256477.214	245167.4524	70.31	15	15	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW17	1256477.214	245167.4524	70.31	10	10	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW17	1256477.214	245167.4524	70.31	10	10	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW17	1256477.214	245167.4524	70.31	10	10	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW17	1256477.214	245167.4524	70.31	5	5	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW17	1256477.214	245167.4524	70.31	5	5	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW17	1256477.214	245167.4524	70.31	5	5	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW17	1256477.214	245167.4524	70.31	2	2	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW17	1256477.214	245167.4524	70.31	2	2	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	110			
01MW17	1256477.214	245167.4524	70.31	2	2	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW16	1256221.84	245582.4801	47.58	20	20	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05		EXCEED	
01MW16	1256221.84	245582.4801	47.58	20	20	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW16	1256221.84	245582.4801	47.58	20	20	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW16	1256221.84	245582.4801	47.58	15	15	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	1.7		EXCEED	
01MW16	1256221.84	245582.4801	47.58	15	15	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	11000		EXCEED	
01MW16	1256221.84	245582.4801	47.58	15	15	InSitu	7/19/2001	GRO	30	5000	30/30	1200		EXCEED	
01MW15	1255996.886	245441.8874	50.83	25	25	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW15	1255996.886	245441.8874	50.83	25	25	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW15	1255996.886	245441.8874	50.83	25	25	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW15	1255996.886	245441.8874	50.83	15	15	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW15	1255996.886	245441.8874	50.83	15	15	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW15	1255996.886	245441.8874	50.83	15	15	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW15	1255996.886	245441.8874	50.83	10	10	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW15	1255996.886	245441.8874	50.83	10	10	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	25	U		
01MW15	1255996.886	245441.8874	50.83	10	10	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW15	1255996.886	245441.8874	50.83	5	5	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW15	1255996.886	245441.8874	50.83	5	5	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	51			
01MW15	1255996.886	245441.8874	50.83	5	5	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW15	1255996.886	245441.8874	50.83	2	2	InSitu	7/19/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW15	1255996.886	245441.8874	50.83	2	2	InSitu	7/19/2001	DRO+ORO	2000	12000	2,000/2,000	300			
01MW15	1255996.886	245441.8874	50.83	2	2	InSitu	7/19/2001	GRO	30	5000	30/30	5	U		
01MW12	1256316.664	245445.5747	45.78	10	10	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.24	U		
01MW12	1256316.664	245445.5747	45.78	10	10	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	430			
01MW12	1256316.664	245445.5747	45.78	10	10	InSitu	1/1/2001	GRO	30	5000	30/30	250		EXCEED	
01MW12	1256316.664	245445.5747	45.78	2	2	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW12	1256316.664	245445.5747	45.78	2	2	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	2600		EXCEED	
01MW12	1256316.664	245445.5747	45.78	2	2	InSitu	1/1/2001	GRO	30	5000	30/30	58		EXCEED	
01MW100	1256518.34	245144.56	63.68	22.5	22.5	InSitu	3/25/2015	Benzene	0.02		0.027/0.0017	0.02	U		
01MW100	1256518.34	245144.56	63.68	22.5	22.5	InSitu	3/25/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW100	1256518.34	245144.56	63.68	22.5	22.5	InSitu	3/25/2015	GRO	30	5000	30/30	2	U		
01MW100	1256518.34	245144.56	63.68	15	15	InSitu	3/25/2015	Benzene	0.02		0.027/0.0017	0.02	U		
01MW100	1256518.34	245144.56	63.68	15	15	InSitu	3/25/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW100	1256518.34	245144.56	63.68	15	15	InSitu	3/25/2015	GRO	30	5000	30/30	2	U		

Attachment 1: Table B-1: Soil Samples Remaining on Site

Location Name	X Coord	Y Coord	Surface Elevation (NAVD 88)	Upper Sample Depth (feet)	Lower Sample Depth (feet)	InSitu Status	Sample Date	IHS Analyte	Soil CUL (mg/kg)	Soil REL (mg/kg)	Method B Soil CUL (mg/kg) *	Sample Result (mg/kg)	Qualifier	Detected Soil CUL Exceedance	Soil REL Exceedance
01MW100	1256518.34	245144.56	63.68	5	5	InSitu	3/25/2015	Benzene	0.02		0.027/0.0017	0.02	U		
01MW100	1256518.34	245144.56	63.68	5	5	InSitu	3/25/2015	DRO+ORO	2000	12000	2,000/2,000	250	U		
01MW100	1256518.34	245144.56	63.68	5	5	InSitu	3/25/2015	GRO	30	5000	30/30	2	U		
01MW10	1256248.67	245580.0651	47.26	15	15	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.05	U		
01MW10	1256248.67	245580.0651	47.26	15	15	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	9100		EXCEED	
01MW10	1256248.67	245580.0651	47.26	15	15	InSitu	1/1/2001	GRO	30	5000	30/30	5	U		
01MW09	1256105.297	245601.9696	47.01	15	15	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	7.7	U		
01MW09	1256105.297	245601.9696	47.01	15	15	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	11000		EXCEED	
01MW09	1256105.297	245601.9696	47.01	15	15	InSitu	1/1/2001	GRO	30	5000	30/30	4300		EXCEED	
01MW08	1256073.352	245570.6077	50.42	15	15	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	1	U		
01MW08	1256073.352	245570.6077	50.42	15	15	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	11000		EXCEED	
01MW08	1256073.352	245570.6077	50.42	15	15	InSitu	1/1/2001	GRO	30	5000	30/30	1600		EXCEED	
01MW08	1256073.352	245570.6077	50.42	5	5	InSitu	1/1/2001	Benzene	0.02		0.027/0.0017	0.1	U		
01MW08	1256073.352	245570.6077	50.42	5	5	InSitu	1/1/2001	DRO+ORO	2000	12000	2,000/2,000	1800			
01MW08	1256073.352	245570.6077	50.42	5	5	InSitu	1/1/2001	GRO	30	5000	30/30	190		EXCEED	
01MW06	1256065.296	245453.2068	47.73	5	5	InSitu	11/1/2000	Benzene	0.02		0.027/0.0017	0.2	U		
01MW06	1256065.296	245453.2068	47.73	5	5	InSitu	11/1/2000	DRO+ORO	2000	12000	2,000/2,000	2400		EXCEED	
01MW06	1256065.296	245453.2068	47.73	5	5	InSitu	11/1/2000	GRO	30	5000	30/30	390		EXCEED	
01MW06	1256065.296	245453.2068	47.73	2	2	InSitu	11/1/2000	Benzene	0.02		0.027/0.0017	0.5	U		
01MW06	1256065.296	245453.2068	47.73	2	2	InSitu	11/1/2000	DRO+ORO	2000	12000	2,000/2,000	4400		EXCEED	
01MW06	1256065.296	245453.2068	47.73	2	2	InSitu	11/1/2000	GRO	30	5000	30/30	540		EXCEED	
01IW10	1255957.424	245475.1655		23	23	InSitu, Immobilized	2/12/2010	TCE	0.02	1	0.025/0.0015	2.6		EXCEED	EXCEED
01IW10	1255957.424	245475.1655		11	11	InSitu, Immobilized	2/12/2010	Benzene	0.02		0.027/0.0017	0.02	U		
01IW10	1255957.424	245475.1655		11	11	InSitu, Immobilized	2/12/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01IW10	1255957.424	245475.1655		11	11	InSitu, Immobilized	2/12/2010	GRO	30	5000	30/30	2			
01IW10	1255957.424	245475.1655		11	11	InSitu, Immobilized	2/12/2010	TCE	0.02	1	0.025/0.0015	1.4		EXCEED	EXCEED
01IW09	1255959.254	245475.1624		16	16	InSitu, Immobilized	2/12/2010	TCE	0.02	1	0.025/0.0015	4.3		EXCEED	EXCEED
01IW09	1255959.254	245475.1624		11.5	11.5	InSitu, Immobilized	2/12/2010	Benzene	0.02		0.027/0.0017	0.02	U		
01IW09	1255959.254	245475.1624		11.5	11.5	InSitu, Immobilized	2/12/2010	DRO+ORO	2000	12000	2,000/2,000	250	U		
01IW09	1255959.254	245475.1624		11.5	11.5	InSitu, Immobilized	2/12/2010	GRO	30	5000	30/30	2	U		
01IW09	1255959.254	245475.1624		11.5	11.5	InSitu, Immobilized	2/12/2010	TCE	0.02	1	0.025/0.0015	0.86		EXCEED	
01IW09	1255959.254	245475.1624		5	5	InSitu, Immobilized	2/12/2010	TCE	0.02	1	0.025/0.0015	0.17		EXCEED	

Notes:

CUL = cleanup level

REL = remediation level

IHS = indicator hazardous substance

NM = not measured

* Soil Method B CUL for vadose/saturated zone

InSitu = remains on site

InSitu, immobilized = encapsulated in the ISS monolith

NM = elevation not measured, limited information available to determine surface elevation. Estimate based on sample location map.

U = detected below the lab reporting limit

J = Analyte was detected; concentration is considered to be an estimate.

UJ = Analyte was not detected at the given reporting limit, which is considered to be an estimate.

CN = Chromatogram note

GRO = Gasoline-range organics

TCE = Trichloroethene

DRO+ORO = Total diesel range organics and lube oil range organics

Attachment 2

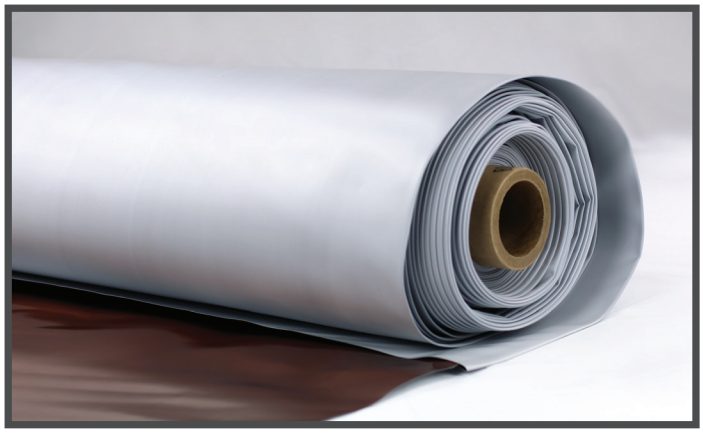
Vapor Barrier Product Details

DRAGO® WRAP VAPOR INTRUSION BARRIER

A STEGO TECHNOLOGY, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: 06/23/2017

1. PRODUCT NAME

DRAGO WRAP VAPOR INTRUSION BARRIER



2. MANUFACTURER

c/o Stego® Industries, LLC*
216 Avenida Fabricante, Suite 101
San Clemente, CA 92672
Sales, Technical Assistance
Ph: (877) 464-7834
Fx: (949) 257-4113
www.stegoindustries.com

3. PRODUCT DESCRIPTION

USES: Drago Wrap is specifically engineered to attenuate volatile organic compounds (VOCs) and serve as a below-slab moisture vapor barrier.

COMPOSITION: Drago Wrap is a multi-layered plastic extrusion that combines uniquely designed materials with only high grade, prime, virgin resins.

ENVIRONMENTAL FACTORS: Drago Wrap can be used in systems for the control of various VOCs including hydrocarbons, chlorinated solvents, radon, methane, soil poisons, and sulfates.

4. TECHNICAL DATA

TABLE 4.1: PHYSICAL PROPERTIES OF DRAGO WRAP VAPOR INTRUSION BARRIER

PROPERTY	TEST	RESULTS
Under Slab Vapor Retarders	ASTM E1745 – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	ASTM E1745 Compliant
Water Vapor Permeance	ASTM F1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	0.0069 perms [gr/(ft²*hr*in-Hg)]
Push-Through Puncture	ASTM D4833 – Test Method for Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products	183.9 Newtons
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	53.5 lbf/in
Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)	ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking ASTM E154 Section 11, F1249 – Permeance after heat conditioning ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	0.0073 perms 0.0070 perms 0.0062 perms 0.0081 perms
Hydrocarbon Attenuation Factors	Contact Stego Industries' Technical Department	
Chlorinated Solvent Attenuation Factors	Contact Stego Industries' Technical Department	
Methane Transmission Rate	ASTM D1434 – Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	7.0 GTR (mL(STP)/m²*day)
Radon Diffusion Coefficient	K124/02/95	9.8 x 10^{-14} m²/second
Thickness		20 mils
Roll Dimensions		14' x 105' or 1,470 ft²
Roll Weight		150 lbs

Continued...
Note – legal notice on page 2.

DRAGO® WRAP
VAPOR INTRUSION BARRIER

A STEGO TECHNOLOGY, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: 06/23/2017

5. INSTALLATION

UNDER SLAB: Unroll Drago Wrap over a tamped aggregate, sand, or earth base. Overlap all seams a minimum of 12 inches and tape using Drago® Tape. All penetrations must be sealed using a combination of Drago Wrap and Drago Accessories.

Review Drago Wrap's complete installation instructions prior to installation.

6. AVAILABILITY & COST

Drago Wrap is available nationally through our network of building supply distributors. For current cost information, contact your local Drago distributor or Stego Industries' Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided and disclaims all liability from any loss or damage. Stego Technology, LLC does offer a limited warranty on Drago Wrap. Please see www.stegoindustries.com/legal.

8. MAINTENANCE

Store Drago Wrap in a dry and temperate area.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

Contact Number: (877) 464-7834
Website: www.stegoindustries.com

10. FILING SYSTEMS

- www.stegoindustries.com
- Buildsite

DATA SHEETS ARE SUBJECT TO CHANGE. FOR MOST CURRENT VERSION, VISIT WWW.STEGOINDUSTRIES.COM

* Stego Industries, LLC is the exclusive Representative for all products, including Drago® Wrap and accessory products, owned by Stego Technology, LLC, a wholly independent company from Stego Industries, LLC. Drago, the Drago logo, and DragoTack are deemed to be registered and/or protectable trademarks of Stego Technology, LLC. Stego and the stegosaurus logo, are deemed to be registered and/or protectable trademarks of Stego Industries, LLC. © 2017 Stego Industries, LLC. All Rights Reserved. Installation and Warranty Information: www.stegoindustries.com/legal.

DRAGO® WRAP VAPOR INTRUSION BARRIER
SUMMARY OF PERMEATION AND ATTENUATION TESTING

BACKGROUND

From October 2015 through August 2018, Drago Wrap Vapor Intrusion Barrier was subjected to a series of diffusion and sorption tests to obtain the film's diffusion, partitioning, and permeation characteristics. This testing was designed and overseen by an expert in the permeation of volatile organic compounds (VOCs) at a prominent university. The results of this testing, combined with further modeling and analysis, have been used to empirically determine the attenuation efficacy of Drago Wrap against various hydrocarbons and chlorinated solvents. The purpose of this document is to briefly discuss the theory behind diffusive vapor intrusion (VI); summarize and explain the robust testing protocol utilized; and relay the results of the testing and analysis.

CHEMICALS TESTED

Drago Wrap has been tested with regard to permeation of the following chemicals: Trichloroethylene (TCE); Perchloroethylene (PCE); the BTEX family: Benzene, Toluene, Ethylbenzene, Xylene; Dichloromethane; 1,4 Dichlorobenzene; Methyl tert-butyl ether (MTBE) and Naphthalene. This list was chosen based on a survey of the most often found chemicals on brownfield projects.

THEORY

The practical purpose behind obtaining permeation, diffusion, and partitioning coefficients is to apply them to the equations governing mass flux per Fick's laws during design of VI mitigation systems. The following briefly explains the theory and physics behind Fick's First Law.

The diffusion coefficient, D_g (units expressed in [m^2/s]), is the parameter defining the membrane's resistance to the diffusive mass flux [g/m^2s] transported within the membrane as governed by Fick's First Law:

$$f = -D_g \frac{dc_g}{d_z} \qquad \text{(Eq. 1)}$$

due to a concentration gradient dc_g/d_z [g/m^4] in the membrane layer. If the contaminant source is an aqueous solution adjacent to the membrane, the concentration of the contaminant in the membrane can be related to that in the fluid (at equilibrium) by the partitioning coefficient, S_{gf} (where S_{gf} is analogous to a Henry's coefficient). It is given by Equation 2 and depends on the solubility of the contaminant in the material:

$$S_{gf} = \frac{c_g}{c_f} \qquad \text{(Eq. 2)}$$

where c_f is the concentration of the contaminant in the fluid, adjacent to and in equilibrium with, the concentration, c_g, in the membrane.

Thus, the mass flux (f) from the fluid on one side of the membrane to the fluid on the other side (at steady state) is given by:

$$f = S_{gf} D_g \frac{dc_g}{d_z} = \frac{P_g}{l} \Delta C \qquad \text{(Eq. 3)}$$

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where l is the thickness of the film/membrane, and ΔC is the difference in concentration between the two sides of the film/membrane at steady state, and the product of the two parameters (S_{gf} D_g) is called the permeation coefficient, P_g (m^2/s):

$$P_g = S_{gf} D_g \quad \text{(Eq. 4)}$$

It can be gleaned from Equations 1-4 that the diffusion coefficient, D_g, is not enough to characterize the film's mass transfer properties for contaminants moving from below the membrane to above it. Diffusive mass transfer through an intact geomembrane is a 3-step process: partitioning into the geomembrane; diffusion through the geomembrane; and partitioning out of the geomembrane. Both D_g and S_{gf} (or simply P_g) must be known in order to effectively utilize Fick's steady state mass transfer equations. Therefore, to allow for full and complete analysis, Drago Wrap's permeation was fully characterized with all three values (permeation, diffusion, and partitioning coefficients) for each chemical tested. Those values are contained in Tables 2 and 3. It is also imperative to understand the differences in methodologies between lab and site-specific field-testing setups. If such differences exist, the addition of the phase transition coefficient between water and air, Henry's coefficient (H), may also be required in the analysis. Both aqueous and air coefficients are provided in Tables 2 and 3, respectively. A deeper discussion on accounting for these differences is beyond the scope of this summary. Please contact the Stego Industries' Technical Department for additional assistance.

TESTING METHODOLOGY

Two types of tests and subsequent modeling have been employed in characterizing Drago Wrap's relevant characteristics: diffusion testing, sorption testing, and the finite layer modeling and analysis program, POLLUTE v7 (Rowe and Booker 2004).

The diffusion testing setup used stainless steel double-compartment cells (Figure 1), such that source and receptor volumes were separated by the Drago Wrap membrane. The cell was screwed together, with the membrane secured using two Viton rings (Figure 2) to prevent the loss of contaminant at the connection between each compartment and the membrane. Both the source and receptor were filled with double deionized (DDI) water, and a septum was inserted into the sampling ports to prevent losses. A stock solution of contaminants was added to the source compartment to form a dilute aqueous solution with a known concentration. Before assembly, and after disassembly, the mass of the membrane was recorded.

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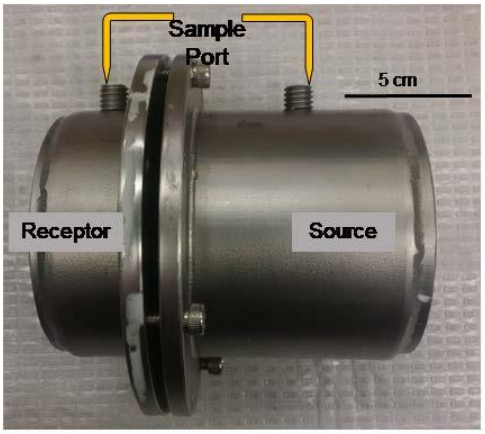

Figure 1: Double Compartment Cell

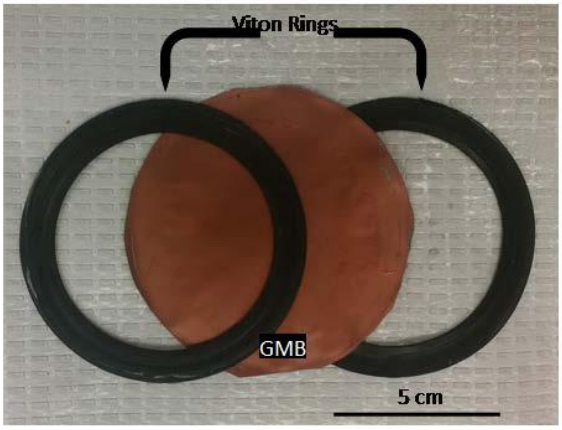

Figure 2: Membrane and Viton Rings

Sorption testing was also performed to directly measure the partitioning coefficients for each chemical. The sorption testing was conducted using 20-ml vials where a specimen was placed in double deionized water. The mass of the specimen was recorded beforehand. The vials were filled with double deionized water so that there was no airspace in the vial. Known masses of contaminants were added and 50 µl samples were taken daily from the vials for analysis and replaced with double deionized water until equilibrium was reached. The chemical analysis of these specimens was performed in the same manner as chemical analysis of the diffusion tests. This analysis is described in Appendix B.

The results from the diffusion and sorption tests were transduced and analyzed using the finite layer modeling and analysis program, POLLUTE v7, to create the results seen in Tables 2 and 3.

In addition to whole-film testing, the discrete layers that make up Drago Wrap were tested to determine their respective permeation, diffusion and partitioning coefficients. The results obtained from the mathematical modeling of these tests do not necessarily equate to the values obtained from whole-film permeation testing. In other words, the full membrane benefits from a synergistic effect: the whole is greater than the sum of its parts. Due to its unique design, the testing demonstrated a very important feature to Drago Wrap: its ability to degrade chlorinated solvents like TCE. The results show about a 50-day half-life for TCE when the membrane is installed in its intended orientation. The results in Tables 2 and 3 come from the most conservative approach to analyzing the results and do not consider these synergies.

RESULTS

As described earlier, the values displayed in Tables 2 and 3 result from a conservative approach to the analysis of data generated from several phases and years of testing, and subsequent numerical modeling. The preferred methodology for obtaining accurate results requires an aqueous-to-aqueous testing scenario. Table 2 depicts these results. Table 3 utilizes Henry's coefficients, per chemical, to obtain the air-to-air partitioning and permeation coefficient adjustments. There exist scenarios where mass flux design with Drago Wrap requires additional consideration of phase-change analysis beyond what is offered in Tables 2 and 3. Please contact the Stego Industries' Technical Department for assistance should the need arise.

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Table 1 – Descriptions of the Tested Chemicals

Chemical	Abbreviation	Family	Use
Benzene	Btex	Aromatic Hydrocarbon	Gasoline byproduct
Toluene	bTex	Aromatic Hydrocarbon	Gasoline byproduct
Ethylbenzene	btEx	Aromatic Hydrocarbon	Gasoline byproduct
M&P-Xylenes	bteX	Aromatic Hydrocarbon	Gasoline byproduct
O-Xylene	bteX	Aromatic Hydrocarbon	Gasoline byproduct
Trichloroethylene	TCE	Chlorinated Hydrocarbon	Dry Cleaning and Solvent
Tetrachloroethylene	PCE	Chlorinated Hydrocarbon	Dry Cleaning and Solvent
Methyl tert-butyl ether	MTBE	Oxygenate	Octane-increasing additive to fuel
Dichloromethane	DCM	Chlorinated Hydrocarbon	Paint Stripper, Decaffeinate, Aerosol propellant
Naphthalene	Naphthalene	Polycyclic Aromatic Hydrocarbon	Fumigant, Pyrotechnics, Wetting Agent
1,4-Dichlorobenzne	1,4-DCB	Chlorinated Hydrocarbon	Pesticide, Disinfectant, Deodorant

Table 2 – Aqueous Coefficients

Chemical	Diffusion, D_g [x 10^{-15} m^2/s]	Partitioning, S_{gf} [-]	Permeation, P_g [x 10^{-13} m^2/s]
Benzene	2.6	171	4.5
Toluene	1.5	339	5.1
Ethylbenzene	0.41	764	3.1
M&P-Xylenes	0.4	743	2.9
O-Xylene	0.4	670	2.7
TCE	3.9	251	9.8
PCE	1.1	610	6.6
MTBE	1	1	0.01
DCM	0.95	475	4.5
Naphthalene	0.014	1710	0.25
1,4-DCB	0.94	760	7.1

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Table 3 – Conversion to Air Coefficients

Chemical	Diffusion*, D_g [x 10^{-15} m^2/s]	Aqueous		Henry's**	Air	
		Partitioning, S_{gw} [-]	Permeation, P_g [x 10^{-13} m^2/s]		Partitioning, S_{ga} [-]	Permeation, P_g [x 10^{-13} m^2/s]
Benzene	2.6	171	4.5	0.22	38	0.98
Toluene	1.5	339	5.1	0.27	92	1.4
Ethylbenzene	0.41	764	3.1	0.35	267	1.1
M&P-Xylenes	0.4	743	2.9	0.26	193	0.75
O-Xylene	0.4	670	2.7	0.22	147	0.60
TCE	3.9	251	9.8	0.48	120	4.7
PCE	1.1	610	6.6	1.16	708	7.7
MTBE	1	1	0.01	0.024	0.02	0.00024
DCM	0.95	475	4.5	0.13	62	0.59
Naphthalene	0.014	1,710	0.25	0.015	26	0.0038
1,4 DCB	0.94	760	7.1	0.18	137	1.3

*The conversion does not affect Diffusion D_g

**Henry's coefficients are temperature dependent. Room temperature (23°C) assumed.

CONCLUSION

Drago Wrap has proven to be a superior barrier to standard geomembranes like HDPE (by a factor of about 10 to 200 – See Appendix A) for all contaminants where comparisons could be made to HDPE and has remarkably low values for BTEX, TCE; PCE; MTBE; Naphthalene; DCM; and 1,4 DCB with permeation coefficients of the order of magnitude of 10^{-13} – 10^{-14} m^2/s. In addition, the testing has shown that chlorinated solvents experience degradation while permeating through the membrane with a half-life of 50 days for TCE when the film is correctly oriented relative to the contaminant source.

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APPENDIX A – COMPARISON TO HDPE (WHERE AVAILABLE)

	Permeation Coefficients- 20-mil Drago Wrap			Permeation Coefficients – 80-mil HDPE[1]			
	D_g (m^2/s)	S_{gf} (-)	P_g (m^2/s)	D_g (m^2/s)	S_{gf} (-)	P_g (m^2/s)	Ratio (P_{gDrago}/P_{gHDPE})
Benzene	$2.6x10^{-15}$	171	$4.5x10^{-13}$	$3.5x10^{-13}$	30	$1.05 x10^{-11}$	23
Toluene	$1.5x10^{-15}$	339	$5.1x10^{-13}$	$3.0 x10^{-13}$	100	$3.0 x10^{-11}$	60
Ethylbenzene	$4.1x10^{-16}$	764	$3.0x10^{-13}$	$1.8 x10^{-13}$	285	$5.1 x10^{-11}$	170
m&p-Xylenes	$4.0x10^{-16}$	743	$2.9x10^{-13}$	$1.7 x10^{-13}$	347	$5.9 x10^{-11}$	200
o-Xylene	$4.0x10^{-16}$	670	$2.7x10^{-13}$	$1.5 x10^{-13}$	240	$3.6 x10^{-11}$	130
TCE	$3.9x10^{-15}$	251	$9.8x10^{-13}$	$4.0 x10^{-13}$	85	$3.4 x10^{-11}$	35
PCE	$1.1x10^{-15}$	610	$6.6x10^{-13}$	-	-	-	-
MTBE	$1.0x10^{-15}$	1	$1.0x10^{-15}$	-	-	-	-
DCM	$9.5x10^{-16}$	475	$4.5x10^{-13}$	$6.5 x10^{-13}$	6	$3.9 x10^{-12}$	9
Naphthalene	$1.4x10^{-17}$	1710	$2.5x10^{-14}$	-	-	-	-
1,4-DCB	$9.4 x10^{-16}$	760	$7.1x10^{-13}$	-	-	-	-

[1]Sangam & Rowe (2001)

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APPENDIX B– CHEMICAL ANALYSIS

The cells were sampled at regular time intervals. During each sampling event, 10 ul to 100 ul was removed from the cell, and that volume was replaced with DDI water so there was no airspace in the cell.

The samples were added to a vial containing 0.4 ml of methanol, 0.01 ml internal standard, and water was added so the total fluid volume in the vial was 1.6 ml. A Solid Phase Micro Extraction (SPME) fiber was inserted into vial headspace and the volatile compounds sorbed onto the fiber. This fiber was analyzed using gas chromatography (GC), and results compared to a certified laboratory standard calibration curve for the contaminant in question. Two types of detectors were used (depending on the cell in question); namely, a mass selective detector and a flame ionization detector. A quality assurance certified lab standard (from a different source to the calibration standards) was assessed during each sampling event.

All laboratory testing was conducted in a Canadian Association for Laboratory Accreditation (CALA) lab and followed CALA methods. This means that rigorous quality assurance practices were followed during chemical analysis. CALA frequently reviews the methods used and the accreditation is renewed every two years.

REFERENCES

Rowe, R. K., and Booker, J. R. (2004). "POLLUTE V.7 - 1D Pollutant Migration through a Non-homogenous Soil." GAEA Environmental Engineering Ltd.

Sangam, H. P., and Rowe, R. K. (2001). "Migration of dilute aqueous organic pollutants through HDPE geomembranes." Geotextiles and Geomembranes, 19(6), 329–357.

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Attachment 3

QAPP

Long Term Compliance Monitoring Plan Appendix C, Vapor Intrusion Assessment and Mitigation Plan

Attachment 3: Quality Assurance Project Plan – Indoor Air Sampling

Time Oil Bulk Terminal
Seattle, Washington

February 10, 2023

PREPARED FOR:
TOC Seattle Terminal 1, LLC
2753 West 31st Street
Chicago, Illinois 60608

PREPARED BY:

CRETE CONSULTING, INC.

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1 Introduction

This Quality Assurance Project Plan (QAPP) presents the project organization, objectives, activities, and quality assurance (QA) procedures to be implemented during data collection activities to support Indoor Air vapor sampling at the Time Oil Bulk Terminal[1] (Property) located on W. Commodore Way in Seattle, Washington.

The QAPP was prepared following Ecology Guidance for Quality Assurance Project Plans (Lombard and Kirchmer 2004) and Ecology's Vapor Intrusion Guidance Document ('Ecology's VI Guidance', Ecology 2022).

The remainder of this QAPP is organized into the following sections:

- Section 2 – Project Management
- Section 3 – Data Generation and Acquisition
- Section 4 – Assessments and Oversight
- Section 5 – Data Validation and Usability
- Section 6 – References

A Sampling Analysis Plan (SAP) detailing the sample collection procedures is provided in the Vapor Intrusion Assessment and Mitigation Plan, included as Appendix C in the Long-Term Compliance Monitoring Plan (LTCMP).

[1] The parcels include King County Parcel Nos. 1125039050, 1125039081, 1125039120, and 4237900405, also referenced as Property for purposes of this LTCMP. The legal definition of the Site is set forth in the PPCD.

2 Project Management

This section identifies key project personnel, describes the rationale for conducting the monitoring studies, identifies the studies to be performed and their respective schedules, outlines project data quality objectives and criteria, lists training and certification requirements for sampling personnel, and describes documentation and record-keeping procedures.

2.1 Project Organization

Roles and responsibilities are defined in Table 1.

The project implementation team includes representatives from TOCST, Ecology, CRETE, and other to-be-determined organizations, contractors, and service providers. Table 1 shows anticipated implementation roles and responsibilities. This information will be updated as the project progresses.

Friedman & Bruya, or a similar WA State accredited lab will perform all chemical analyses of the vapor samples collected by CRETE Consulting, Inc.

2.2 Project Definition and Background

Indoor air sampling is proposed for the site to verify the effectiveness of the vapor barrier installed in future site buildings.

2.3 Data Quality Objectives and Criteria

The overall data quality objective (DQO) for this project is to develop and implement procedures that will ensure the collection of representative data of known, acceptable, and defensible quality.

2.3.1 Precision

Precision is a measure of how closely one result matches another result expected to have the same value. Precision is determined by the relative percent difference (RPD) between a sample and its duplicate. Laboratory precision can be measured through the analysis of laboratory duplicate samples and/or laboratory control samples/duplicates (LCS/ LCSD). The laboratory will perform the analysis of one set of LCS/LCSD at a frequency of one sample per 20 samples. Laboratory accuracy and precision will be determined by the spike recoveries and the RPDs of the LCS/LCSD samples, respectively. The tolerance limits are defined in Table 3. If the RPDs exceed these limits, a replicate sample may be run to verify laboratory precision. If any RPD exceedance is linked to field sampling, the Field Manager will recheck field sampling procedures and identify the problem. Resampling and analysis may be required.

$$RPD = \frac{ABS(R1-R2)}{} \times 100$$

(R1+R2)/2

Where:
R1 = Sample result or recovery for spiked compound
R2 = Duplicate sample result or recovery for spiked compound duplicate

2.3.2 Accuracy

Accuracy is an expression of the degree to which a measured or computed value represents the true value. Accuracy may be expressed as a percentage of the true or reference value for reference material, or as a percent recovery in those analyses where reference materials are not available and spiked samples are analyzed. The equations used to express accuracy are as follows.

1. For reference materials:

   Percent of true value = (measured value/true value) x 100

2. For spiked samples:

   Percent recovery = (SQ - NQ)/(S) x 100
   SQ = quantity of spike or surrogate found in sample
   NQ = quantity found in native (unspiked) sample
   S = quantity of spike or surrogate added to native sample

The performance of the method will be monitored using surrogate compounds or elements. For organic analyses, surrogate standards are added to samples, method blanks, matrix spikes, and calibration standards. These standards will be based on laboratory-derived control limits for surrogate recovery. If percent recoveries are not achieved, equipment will be re-calibrated, examined for malfunctions, repaired if needed, and samples will be analyzed again at the laboratory. If sufficient quantity is left from the original sample, the original sample will be used. If insufficient sample remains for additional analysis, new samples will be collected and submitted to the laboratory for analysis. Any additional sample collection will follow the procedures outlined in this SAP/QAPP.

Laboratory method reporting limits (MRL) are listed on Table 2.

2.3.3 Representativeness

Representativeness is the degree to which data from the project accurately represent a particular characteristic of the environmental matrix which is being tested. Representativeness of samples is ensured by adherence to standard field sampling protocols and standard laboratory protocols. The design of the sampling scheme and number of samples should provide a representativeness of each matrix or product of the chemical processes being sampled.

2.3.4 Comparability

Comparability expresses the confidence with which one data set can be evaluated in relation to another data set. For this investigation, comparability of data will be established through the use of program-defined general methods and reporting formats and the use of common, traceable calibration and reference materials from the National Institute of Standards and Technology or other established sources.

2.3.5 Completeness

Completeness is a measure of the amount of data that is determined to be valid in proportion to the amount of data collected. Completeness will be calculated as follows:

Completeness =
(number of valid measurements/ total number of data points planned) x 100

Completeness will be calculated per matrix. The DQO for completeness for all components of this project is 90%. Data that have been qualified as estimated because the QC criteria were not met will be considered valid for the purpose of assessing completeness. Data that have been qualified as rejected will not be considered valid for the purpose of assessing completeness.

2.4 Special Training/Certifications

Specific training requirements for performing fieldwork, which may bring employees in contact with hazardous materials, are as follows:

- All field personnel assigned to the site must have successfully completed 40 hours of training for hazardous site work in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910.120(e)(3) and be current with their 8-hour refresher training in accordance with OSHA 29 CFR 1910.120(e)(8). Documentation of OSHA training is required prior to personnel being permitted to work on site.
- Personnel managing or supervising work on site will also have successfully completed 8-hours of manager/supervisor training meeting the requirements of OSHA 29 CFR1910.120(e)(4).
- Personnel assigned to the site must be enrolled in a medical surveillance program meeting the requirements of OSHA 29 CFR 1910.120(f). Personnel must have successfully passed an occupational physical during the past 12 months and be medically cleared to work on a hazardous waste site and capable of wearing appropriate personal protective equipment (PPE) and respiratory protection as may be required.
- Personnel performing the sampling work must have extensive knowledge, skill, and demonstrated experience in the execution of the sampling methods.

2.5 Documentation and Records

Field investigators (including subcontractors) will maintain field notes in a bound notebook and all documents, records, and data collected will be kept in a case file in a secure records filing area. All Laboratory deliverables (both hard copy and electronic) with verifiable supporting documentation shall be submitted by the lab to the QA Officer. The following documents will be archived at the Laboratory: 1) signed hard copies of sampling and chain-of-custody records; and 2) electronic and hard copy of analytical data including extraction and sample preparation bench sheets, raw data and reduced analytical data. The laboratory will store all laboratory documentation for sample receipt, sample login, sample extraction, cleanup and analysis and instrument output documentation per laboratory's Standard Operating Procedure (SOP) or QA Manual.

Copies of all analytical reports will be retained in the laboratory files, and at the discretion of the QA Officer, the data will be stored on computer disks for a minimum of 1 year. After one year, or whenever the data become inactive, the files will be transferred to archives in accordance with standard laboratory procedure. Data may be retrieved from archives upon request.

Copies of all sub-consultant field notes, field logs, sample collection logs, and field photographs will be sent to the Field Manager within 2 weeks of completion of the field task.

3 Data Generation and Acquisition

3.1 Sample Process Design

The rationale for the sampling design and assumptions for locating and selecting environmental samples is detailed in the SAP provided in Section 5 of the Vapor Intrusion Assessment and Mitigation Plan, included as Appendix C in the Long-Term Compliance Monitoring Plan (LTCMP).

3.2 Analytical Sampling Methods, Handling and Custody

3.2.1 Samples

Vapor samples will include indoor air and ambient vapor samples collected into 6-liter Summa canisters as described in Section 5 of the Vapor Intrusion Assessment and Mitigation Plan. All vapor samples will be submitted for analysis described in Table 2.

All sample containers will be labeled on the outside in indelible ink with the sample identification number, date and time collected, and analysis to be performed.

3.2.2 Sampling Handling

Vapor samples will be filled to sufficient pressure readings, and will be appropriately labeled and stored prior to shipment or delivery to the laboratory. All samples will be collected according to the laboratory's instructions which are specific to the canister supplied at the time of sampling. Generally, canisters include a flow meter with a sample port attached to the canister. No tubing or additional connections are required. The pressure of each canister is checked throughout the 8 hours of sampling and the canister is closed, with sampling completed, once the pressure is just below 5 inches of Hg. Final canister pressure should be between 1 to 5 inches of Hg.

Samples must be packed to prevent damage to the sample container and labeled to allow sample identification. All samples must be packaged so that they do not leak, break, vaporize or cause cross-contamination of other samples. Each individual sample must be properly labeled and identified. A chain-of-custody record must accompany each shipping container (see Section 3.2.3).

All samples must be clearly identified immediately upon collection. Each sample bottle will be labeled and will include the following information:

- Client and project name
- A unique sample description which will distinguish between indoor/ambient locations and provide specifics on which building the sample is collected from
- Sample collection date and time.

Additionally, the sample bottle label may include:

- Sampler's name or initials
- Analyses to be performed.

After collection, the samples will be maintained under chain-of-custody procedures as described below.

3.2.3 Chain of Custody

Chain-of-custody procedures are intended to document sample possession from the time of collection to disposal. Chain-of-custody forms must document transfers of sample custody. A sample is considered to be under custody if it is in one's possession, view, or in a designated secure area. The chain-of-custody record will include, at a minimum, the following information:

- Client and project name
- Sample collector's name
- Company's mailing address and telephone number
- Designated recipient of data (name and telephone number)
- Analytical laboratory's name and city
- Description of each sample (i.e., unique identifier and matrix)
- Date and time of collection
- Quantity of each sample or number of containers
- Type of analysis required
- Addition of preservative, if applicable
- Requested turn-around times
- Date and method of shipment.

When transferring custody, both the individual(s) relinquishing custody of samples and the individual(s) receiving custody of samples will sign, date, and note the time on the form. If the samples are being shipped, the coolers (or shipping containers) will be sealed with a chain-of-custody seal and taped shut for transfer to the laboratory. If the samples are transferred to a laboratory courier or hand delivered to the laboratory by CRETE staff, the coolers do not need to be sealed. All samples will be stored appropriately by the laboratory.

3.3 Analytical Quality Control

Laboratory Quality Control Requirements

Internal quality control procedures are designed to ensure the consistency and continuity of data. A routine QC protocol is an essential part of the analytical process. The minimum requirements for each analytical run follow. Additional description of laboratory QA/QC procedures can be found in the laboratory’s QA Manual. A project narrative detailing analytical results must accompany all data packages submitted by the laboratory.

- **Initial and continuing calibration:** A calibration standard will be analyzed each time an instrument is calibrated. The instruments used to perform the various analyses will be calibrated and the calibrations verified as required by the respective EPA methodologies. For example, a standard five-point initial calibration will be utilized to determine the linearity of response with the gas chromatograph/electron capture detection. Once calibrated, the system must be verified every 12 hours. All relative response factors, as specified by the analytical method, must be greater than or equal to 0.05. All relative standard deviations, as specified by the analytical method, must be less than or equal to 30 percent for the initial calibration and less than or equal to 25 percent for the continuing calibration.
- **Laboratory control sample:** The laboratory control sample (LCS) will be processed through the entire method procedure and the results examined for target analyte recovery (accuracy). Precision evaluations will be generated using a laboratory control sample duplicate (LCSD). The LCS and LCSD results will be used as a fallback position by the laboratory in cases where the matrix spike has failed to achieve acceptable recovery and/or precision. Inability to obtain acceptable LCS results will be directly related to an inability to generate acceptable results for any sample. One LCS/LCSD pair will be analyzed for each extraction batch.
- **Method blank analysis:** The method blank is utilized to rule out laboratory-introduced contamination by reagents or method preparation. Compounds detected in the blank will be compared in concentration to those found in the samples. Any concentration of common laboratory contaminants (i.e., phthalates, acetone, methylene chloride, or 2-butanone) in a sample at less than 10 times that found in the blank will be considered a laboratory contaminant. For other contaminants, any compounds detected at less than five times that found in the blank will be considered laboratory contamination (EPA, 1994). Values reported for the method blanks are expected to be below the detection limits for all compounds, except the common laboratory contaminants. Deviations from this must be explained in the laboratory project narrative(s). One method blank will be analyzed for each extraction/digestion batch
- **Surrogate evaluations (organic analyses):** Surrogate recovery is a quality control measure limited to use in organics analysis. Surrogates are compounds added to every sample at the beginning of the sample preparation to monitor the success of the sample preparation on an individual sample basis (accuracy). Although some methods have established surrogate recovery acceptance criteria that are part of the method or contract compliance, for the most part, acceptable surrogate recoveries need to be determined by the laboratory. Recoveries of surrogates will be calculated for all

samples, blanks and quality control samples. Acceptance limits will be listed for each surrogate and sample type and will be compared against the actual result

- **Laboratory management review:** The QA Officer(s) will review all analytical results prior to final external distribution (preliminary results will be reported before this review). If the QA Officer(s) finds the data meet project quality requirements, the data will be released as "final" information. Data which are not acceptable will be held until the problems are resolved, or the data will be flagged appropriately.

3.4 Instrument/Equipment Testing, Inspection and Maintenance

The primary objective of an instrument/equipment testing, inspection, and maintenance program is to help ensure the timely and effective completion of a measurement effort by minimizing the downtime of crucial sampling and/or analytical equipment due to expected or unexpected component failure.

Testing, inspection, and maintenance will be carried out on all field and laboratory equipment in accordance with manufacturer's recommendations and professional judgment. Analytical laboratory equipment preventative testing, inspection, and maintenance will be addressed in the laboratories' QA manual, which will be kept on file at the contracted laboratory.

As appropriate, schedules and records of calibration and maintenance of field equipment will be maintained in the field notebook. Equipment that is out of calibration or is malfunctioning will be removed from operation until it is recalibrated or repaired.

3.5 Instrument/Equipment Calibration and Frequency

Measuring and test equipment used during environmental data collection activities will be subject to calibration requirements. These requirements are summarized below:

- Identification. Either the manufacturer's serial number or the calibration system identification number will be used to uniquely identify measuring and test equipment. This identification, along with a label indicating when the next calibration is due, will be attached to the equipment. If this is not possible, records traceable to the equipment will be readily available for reference.
- Standards. Measuring and test equipment will be calibrated, whenever possible, against reference standards having known valid relationships to nationally recognized standards (e.g., National Institute of Standards and Technology) or accepted values of natural physical constraints. If national standards do not exist, the basis for calibration will be described and documented.

- Frequency. Measuring and test equipment will be calibrated at prescribed intervals and/or prior to use. Frequency will be based on the type of equipment, inherent stability, manufacturers' recommendations, intended use, and experience. All sensitive equipment to be used at the project site or in the laboratory will be calibrated or checked prior to use.
- Records. Calibration records (certifications, logs, etc.) will be maintained for all measuring and test equipment used on the project.

If measuring and test equipment are found to be out of calibration, an evaluation will be made and documented to determine the validity of previous measurements and/or corrective action will be implemented. The QA officer will lead the evaluation process.

All laboratory calibration requirements must be met before sample analysis can begin. The laboratory will follow the calibration procedures found in the analytical methods listed in this QAPP or in the laboratory's SOPs. If calibration non-conformances are noted, samples will be reanalyzed under compliant calibration conditions within method-specified holding times.

3.6 Inspection/Acceptance of Supplies and Consumables

The Field Manager will be responsible for material procurement and control. The Field Manager will verify upon receipt that materials meet the required specifications and that, as applicable, material or standard certification documents are provided and maintained. The Field Manager will also verify that material storage is properly maintained and contamination of materials is not allowed.

Laboratories contracted for this project must have procedures that are documented and followed that cover the following:

- Checking purity standards, reagent grade water, and other chemicals as appropriate versus intended use
- Preparation and storage of chemicals
- Requirements for disposable glassware (grade and handling).

For this project, the Field Manager or designee will be responsible for procuring and shipping the appropriate sample containers and preservatives to the sampling site. The containers will be pre-cleaned and certified by lot. Reagents provided will be of the appropriate grade for the analysis. Records of these certifications and grades of material will be maintained on file at the laboratory.

3.7 Non-Direct Measurements

Existing chemical data from previous site characterization efforts have been reviewed to assist in identifying proposed sampling locations. All historical data were previously reviewed for quality assurance.

3.8 Data Management

All hard copies of project field documentation, analytical results, and reports will be filed and stored at the consultant's library.

Analytical laboratories are expected to submit data in both electronic and hard copy.
The Laboratory Project Manager should contact the Project Quality Assurance Officer prior to data delivery to discuss specific format requirements. A library of routines will be used to translate typical electronic output from laboratory analytical systems and to generate data analysis reports. The use of automated routines ensures that all data are consistently converted into the desired data structures and that operator time is kept to a minimum. In addition, routines and methods for quality checks will be used to ensure such translations are correctly applied.

Written documentation will be used to clarify how laboratory duplicates were recorded in the data tables and to provide explanations of other issues that may arise. The data management task will include keeping accurate records of field and laboratory QA/QC samples so that project team members who use the data will have appropriate documentation.

4 Assessment and Oversight

4.1 Assessment and Response Actions

Nonconforming items and activities are those which do not meet the project requirements or approved work procedures. Non-conformance may be detected and identified by any of the following groups:

- Project Staff: During the performance of field activities and testing, supervision of subcontractors, performance of audits (e.g. review of laboratory methods or field collection methods), and verification of numerical analyses
- Laboratory Staff: During the preparation for and performance of laboratory testing, calibration of equipment, and QC activities
- QA Staff: During the performance of audits and during data validation.

If possible, action will be taken in the field to correct any nonconformance observed during field activities. If necessary and appropriate, corrective action may consist of re-sampling. If implementation of corrective action in the field is not possible, the nonconformance and its potential impact on data quality will be discussed in the report.

Corrective action to be taken as a result of nonconformance during field activities will be situation-dependent. The laboratory will be contacted regarding any deviations from the QAPP, will be asked to provide written justification for such deviations, and in some instances, will be asked to reanalyze the sample(s) in question. An example of a laboratory nonconformance that would require corrective action is if holding times were exceeded prior to analysis. All corrective actions must be documented. The person identifying the nonconformance will be responsible for its documentation.

Documentation will include the following information:

- Name(s) of the individual(s) identifying or originating the nonconformance
- Description of the nonconformance
- Any required approval signatures
- Method(s) for correcting the nonconformance or description of the variance granted.

Documentation will be made available to project, laboratory, and/or QA management. Appropriate personnel will be notified by the management of any significant nonconformance detected by the project, laboratory, or QA staff. Implementation of corrective actions will be the responsibility of the PM or the QA Officer. Any significant recurring nonconformance will be evaluated by project or laboratory personnel to determine its cause. Appropriate changes will then be instituted in project requirements and procedures to prevent future recurrence. When such an evaluation is performed, the results will be documented. If there are unavoidable

deviations from this QAPP, the Project Manager will document the alteration and track the change in the subsequent deliverables.

4.2 Reports to Management

Deliverables from this project include:

- Laboratory hardcopy results and electronic data deliverables (EDD)s
- Reports discussing the results.

5 Data Validation and Usability

5.1 Data Review, Verification, and Validation

EPA method control limits (or WA State method control limits for NWTPH methods) for surrogate recoveries will be used for the determination of data quality. If quality control data are not within their method-specific control limits, then the analysis must be repeated. If the re-analyzed values are within required limits and holding times, they will be reported as true values. If, in the repeated analysis, the values are still outside required limits, the data will be identified and the Quality Assurance Officer will verify the representativeness of the data following EPA guidelines. Laboratory analysts are responsible for reviewing calibration integrity, sample holding times, method compliance, and completeness of tests, forms, and logbooks.

Analytes detected at concentrations between the MRL and the method detection limit (MDL) will be reported with a J qualifier to indicate that the value is an estimate (i.e., the analyte concentration is below the calibration range). Non-detects will be reported at the MRL. The MRL will be adjusted by the laboratory as necessary to reflect sample dilution.

Verification of completeness and method compliance, as well as raw data entry and calculations by analysts will be reviewed by a laboratory supervisor or the Laboratory Coordinator. The Laboratory Coordinator will be responsible for checking each group or test data package for precision, accuracy, method compliance, compliance to special client requirements, and completeness. The Laboratory Coordinator will also be responsible certifying that hardcopy and EDD data are identical prior to release from the laboratory.

Data validation will be completed by the Data Validator. Data validation will be completed within three weeks after receipt of the complete laboratory data package.

5.2 Reconciliation with User Requirements

The QA Officer will review the field notebooks, laboratory report, and results of the data validation to determine if the data quality objectives have been met. Instances where the data quality objectives were not met will be documented. The usability of the data will depend on the magnitude of the data quality objective exceedance. Data that has been rejected will be flagged as “R” and maintained in the database but will not be used in any decision making. Data quality objectives are provided in Table 3.

6 References

Ecology 2022. Ecology's Guidance for Evaluating Vapor intrusion in Washington State, Publication No. 09-09-047. Prepared by Washington State Department of Ecology, March 2022.

Lombard, S.M. and C.J. Kirchmer. 2004. Guidelines for Preparing Quality Assurance Project Plans for Environmental Studies. Washington State Department of Ecology Environmental Assessment Program. July 2004. Publication Number 04-03-030

U.S. Environmental Protection Agency (EPA) 1991. EPA Region V Model Quality Assurance Project Plan. U.S. Environmental Protection Agency, Region V, Office of Superfund.

U.S. Environmental Protection Agency (EPA) 1986. Test Methods for the Evaluation of Solid Waste: Physical/Chemical Methods, 3rd Edition. EPA SW-846, 1986.

Washington State Department of Ecology (Ecology) 2018. Ecology's Draft Guidance for Evaluating Soil Vapor Intrusion in Washington State, revised February 2016 and April 2018.

Tables

Table 1 Project Roles and Responsibilities

Role	Person	Responsibilities
Ecology Site Manager	Tena Seeds (425-457-3143) Department of Ecology	• Direct other Ecology staff and their consultants to review and comment on materials • Grant final approval on this QAPP, on data use, and on further data collection.
Project Coordinator	Kim Hempel (773-435-3725)	• Owner's representative and serves as a liaison between the site owner, Ecology, and consultants • Review all technical documents on behalf of ownership
Project Manager	Jamie Stevens (206-799-2744)	• Primary point of contact with the Client • Review all technical documents associated with the project for technical accuracy and feasibility, as well as adherence to budget and schedule.
Quality Assurance Officer	Rusty Jones (832-330-1359)	• Monitor all aspects of the project to verify that work follows project plans • Review laboratory analytical data • Serve as liaison between the laboratory and Field Manager • Maintain a complete set of laboratory data • Evaluate conformance of the analyses with the specifications of this QAPP • Verify the reported results with the raw data • Check that EDDs match the analytical reports • Review compliance with field methods and procedures.
Field Manager	Rusty Jones (832-330-1359) or other CRETE Field Staff	• Collect or direct collection samples • Maintain a log (field log book) for all sampling-related activities • Coordinate the sampling operations to verify that the this QAPP is followed • Identify any deviations from this QAPP • Prepare the field data • Maintain the integrity of the samples throughout sample collection and transport to the laboratory.
Laboratory Coordinator	Eric Young (206-285-8282) or other Laboratory Manager	• Conduct analysis of samples • Practice quality assurance methods per internal laboratory SOPs and this QAPP, and document such practices • Verify quality of samples (e.g., cooler temperature) as they're received at the laboratory • Verify accuracy and completeness of laboratory reports and EDDs.

Table 2 Sample Analytes – Indoor and Ambient Air Samples

Analyte	Preparation Method	Analytical Method	Method Reporting Limit	Lowest Initial Screening Level	Holding Time	Sample Container
Vapor Samples						
Trichloroethene	TO-15 SIM	TO-15 SIM	0.11 µg/m^3 or 0.02 ppbv	0.33 µg/m^3	28 days	6-Liter SUMMA Canister
Vinyl Chloride			0.26 µg/m^3 or 0.1 ppbv	0.28 µg/m^3		
Benzene			0.32 µg/m^3 or 0.1 ppbv	0.32 µg/m^3		
Petroleum Hydrocarbons	MA-APH	MA-APH	APH EC5-8 aliphatics 75 µg/m^3 APH EC9-12 aliphatics 25 µg/m^3 APH EC9-10 aromatics 25 µg/m^3	46 µg/m^3 (see note 1)		
Ethylbenzene, Toluene, Xylenes, Naphthalene	TO-15 SIM	TO-15 SIM	0.32 µg/m^3 or 0.1 ppbv	See Note 1		

Notes:
MA-APH = Massachusetts Department of Environmental Protection Air-Phase Hydrocarbons Method
Ppbv = parts per billion by volume
µg/m^3 = micrograms (one-millionth of a gram) per cubic meter air
TO-15 SIM = United States Environmental Protection Agency Toxic Organics-15 Method with Selected Ion Monitoring
Note 1: The screening level provided for petroleum hydrocarbons is based on the generic indoor air cleanup level (CUL) for total petroleum hydrocarbons (TPH) provided in Appendix E of Ecology's 2022 VI Guidance, which has been updated from values presented in the CAP (Ecology 2020). A site-specific CUL for TPH may be established during vapor intrusion sampling using Site petroleum hydrocarbon data in accordance with the VI Guidance. Analysis of Ethylbenzene, Toluene, Xylenes, and Naphthalene will only be completed if the site specific TPH CUL is calculated.

Table 3 Measurement Quality Objectives

Parameter	Precision (RPD; lab)	Accuracy	Completeness	Preservation/ Storage
Petroleum Hydrocarbons	Vapor: 30%	70-130%	90%	Dark, analyze within 28 days.
VOCs				

Notes:
RPD = relative percent difference
VOCs = volatile organic compounds