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August 20, 2025

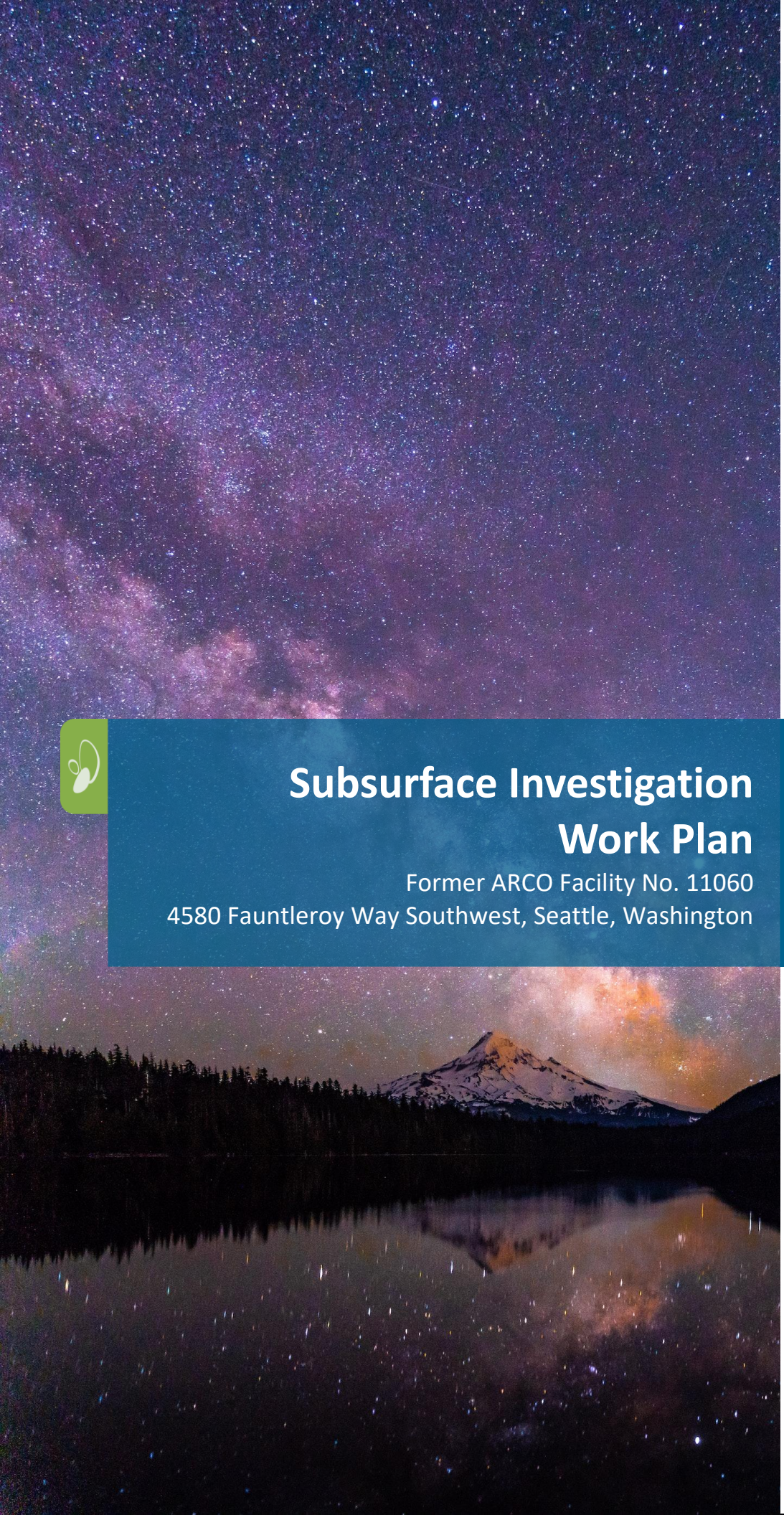
Washington Department of Ecology
Northwest Regional Office
Attn: Mr. Michael Warfel
15700 Dayton Avenue North
Shoreline, WA 98133

Dear Mr. Warfel:

Please find the enclosed for your review a Subsurface Investigation Work Plan for Former BP Facility No. 11060 located at 4580 Fauntleroy Way SW, Seattle, Washington.

Sincerely yours,

Wade Melton
Liability Manager
BP Products North America, Inc. (BPPNA)



Subsurface Investigation Work Plan

Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Antea®Group

Understanding today.
Improving tomorrow.

PREPARED FOR
BP Products North America, Inc. (BPPNA)
201 Helios Way, Office 3.423B
Houston, TX 77079

PREPARED BY
Antea Group – Fort Collins, CO
August 20, 2025
Project WA - 0011060 - Seattle 2025
FSID 99437681
CSID 11357

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Contents

Subsurface Investigation Work Plan

Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

1.0 INTRODUCTION

On behalf of BP Products North America, Inc. (BPPNA), Antea®Group has prepared this *Subsurface Investigation Work Plan* for Former ARCO Facility No. 11060 located at 4580 Fauntleroy Way Southwest, Seattle, Washington (hereinafter referred to as the "Site"). The objective of the Work Plan is to delineate the extent of the Washington State Department of Ecology's (Ecology) Model Toxics Control Act (MTCA) Site boundary. Specifically, to define the lateral extent of the dissolved phase plume and soil impacts to the west of the Site. In addition to lateral delineation of soil and groundwater impacts, this scope of work proposes installation of a single soil boring to obtain vertical soil delineation on-site.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Site is an active Shell branded retail gasoline station with a convenience store located on the east-northeast corner of the intersection of Fauntleroy Way Southwest and Southwest Alaska Street in Seattle, Washington. A Site Location Map and Site Aerial Map are presented as **Figures 1** and **Figure 2**, respectively. The Site extends east to the former Catholic Health Initiatives (CHI) Franciscan Health Center. The Site vicinity is a mix of commercial and residential land uses. The closest surface water body is Longfellow Creek located approximately ½ mile east of the Site. According to Google Earth, the Site is approximately 260 feet above mean sea level (AMSL).

The Site is triangular with the station building on the eastern portion of the property. Other Site features include a canopy with two dispenser islands on the southern portion, a canopy with two dispenser islands on the western portion of the property, and the Underground Storage Tank (UST) basin in the southeastern portion of the property. The Site surface consists of asphalt pavement and concrete except for planter features along the perimeter of the property. Site features are presented in **Figure 2**.

2.2 SITE GEOLOGY AND SUBSURFACE CONDITIONS

The area is in the Puget Sound Lowland geomorphic province, which consists mainly of glacially deposited sediments. The Puget Sound Lowland is a basin lying between the Cascade Mountains to the east and the Olympic Mountains (coastal range) to the west. At least five major advances of continental glacial ice have been identified as having occurred in the Puget Sound Lowlands. Geologic units resulting from these glacial events include complex sequences of lacustrine deposits, advance outwash, glaciomarine drift, till, and recessional outwash. More recent erosional processes have deposited alluvial sand and gravel, primarily along river valleys.

The Site vicinity is underlain by Alderwood Soils, which is a Quaternary stratified sequence consisting of sandy loam with varying amounts of gravel. In addition, Alderwood soils are considered hydrologically as Class C, which indicates slow infiltration rates with layers impeding downward movement of water, or soils with moderately fine or fine textures. Soils observed at the Site during previous investigations include dense to very dense clays, silty sand, sand, gravelly sand, and sandy gravel. Groundwater levels in the vicinity have dropped in recent years,

likely attributable to dewatering activities related to redevelopment in the area. As a result, many wells are dry during the summer season. Available boring logs are included as **Appendix A**.

2.3 PREVIOUS INVESTIGATIONS AND REMEDIATION

A summary of the previous assessments is provided in **Appendix B**. Site groundwater gauging and analytical data are presented in **Table 1** through **Table 4,** respectively. Site soil analytical data is presented on **Table 5**. Off-site groundwater and soil analytical data are extracted from the AEG Atlas, LLC (AEG) *Remedial Investigation Report,* dated August 8, 2024, and the SoundEarth Strategies, Inc. (SoundEarth) *Third Quarter 2018 Summary Report,* dated November 21, 2018 and is presented in **Table 6** and **Table 7**. The off-site analytical data was not collected by Antea Group nor reviewed for accuracy. The MTCA Site Boundary Map for Soil is presented in **Figure 3**. Available boring logs for the Site are included in **Appendix A**.

2.4 CURRENT SITE REGULATORY STATUS

The Site is listed on Ecology's Leaking Underground Storage Tanks (LUST) list with facility site ID 99437681 and Cleanup Site ID 11357. The Site is enrolled in Ecology's Voluntary Cleanup Program (VCP) with VCP ID NW3308.

2.5 CURRENT SITE REMEDIAL STATUS

There are currently seven monitoring wells on the Shell property, four monitoring wells on the CHI Franciscan property, two monitoring wells in the Right of Way (ROW) of Southwest Alaska Street, and two monitoring wells in the ROW of Fauntleroy Way Southwest. Groundwater monitoring has been ongoing since 1993. Remedial actions at the Site include air sparge and soil vapor extraction (AS/SVE), multi-phase extraction (MPE), and PetroFix™ injection.

The CHI Franciscan Health property to the east of the Site performed soil and groundwater sampling during multiple events in 2022 and 2024. Eight soil borings (SB-1 through SB-8) were advanced around the perimeter of the CHI Franciscan Health property. Groundwater samples collected during these investigations contained MTCA Method A Cleanup Level exceedances only on the western property boundary (SB-5F and SB-6F) adjacent to the Former ARCO Facility. Soil and groundwater samples collected from borings along the north, east, and south sides of the CHI Franciscan Health property did not contain MTCA Method A Cleanup Level exceedances and indicate that the groundwater plume at the Site does not extend to soil borings SB-1, SB-2, SB-3, SB-4, SB-7, or SB-8. Downgradient and cross gradient monitoring wells MW-9, MW-13 and MW-16 have never contained concentrations exceeding MTCA Method A Cleanup Levels indicating down and cross gradient delineation of the plume. Southwest (upgradient) of the Site is a historical LUST site identified as the Former SKS Shell Station (Cleanup Site ID: 6015). Extensive remedial actions and impacted soil excavation were performed at this site. Off-site monitoring wells (MW-102, MW-103, and MW-105) were installed in the ROW of Southwest Alaska Street and Fauntleroy Way Southwest. Groundwater data from MW-102 and MW-103 collected between 2012 and 2018 did not contain detections of analyzed constituents at concentrations exceeding MTCA Method A Cleanup Levels. Monitoring well MW-105 contained a single Method A Cleanup Level exceedance for diesel range hydrocarbons in 2012, however, the data was reported with a laboratory qualifier stating, "the sample chromatographic pattern does not resemble the fuel standard used for quantification", as reported in the SoundEarth Strategies *Groundwater Monitoring Report – Third Quarter 2018,* dated November 21, 2018. Subsequent quarterly groundwater monitoring of MW-105 from 2013 to 2018 did not contain any Method A Cleanup Level exceedances. Data from these off-site monitoring wells along with data from MW-10 indicate that upgradient delineation of the groundwater plume has been established. Groundwater delineation to the west of the Site remains a data gap.

Soil impacts exceeding MTCA Method A Cleanup Levels are present within a similar footprint to the dissolved phase impacts. Data from the Franciscan Health investigations and the SKS Shell Station cleanup along with on-site borings and monitoring wells have established delineation of soil impacts apart from west of MW-14 and MW-15. Based on recent soil sampling at the Site, it appears that the vapor extraction remediation at the Site has decreased vadose zone soil impacts as demonstrated by; SB-7, installed adjacent to SB-2 and AS-1; SB-8, installed adjacent to EW-1; and SB-9, installed adjacent to AS-3. Although concentrations have significantly decreased in the northeastern and southwestern corners of the Site, soil remains in these areas above MTCA Method A Cleanup Levels. Lateral delineation of soil impacts to the west as well as vertical delineation at SB-8 remain data gaps at the Site.

A MTCA Site Boundary Map for Soil, a MTCA Site Boundary Map for Historical Groundwater, and the most recent (December 2024/April 2025) groundwater analytical map are provided as **Figure 3**, **Figure 4**, and **Figure 5**, respectively. Off-site groundwater and soil analytical data are presented in **Tables 6** and **Table 7**, respectively.

2.6 FORMER SKS SHELL STATION SITE CHANGE IN GROUNDWATER FLOW DIRECTION

According to the SoundEarth Strategies *Groundwater Monitoring Report – Third Quarter 2018*, dated November 21, 2018, the historical groundwater flow direction at the former SKS Shell Station, upgradient of the Former ARCO Facility No. 11060, was documented to be north–northeast prior to 2015 Site redevelopment, but based on 2017 and 2018 groundwater elevation data collected, the groundwater flow direction has changed to the west. The change in groundwater flow direction appears to be a result of a sub-slab drainage system that should (based on location) intercept groundwater at the south and west boundaries of the subgrade parking levels. The two-level parking garage includes a grid-work of sub-slab drains and vertical wall footing drains that lead to a 300-foot-long, 6-foot-internal-diameter stormwater retention pipe located beneath the eastern side of the building. The southwestern portion of the parking garage was constructed approximately 28 feet bgs, and the building footing drain system appears to be intercepting that groundwater beneath the former SKS Shell Site and the entire Whittaker redevelopment property. Based on the available information, it appears the decrease in groundwater elevation at Former ARCO Facility No. 11060 may be related to the sub-slab drainage system installed at the former SKS Shell Station.

3.0 OBJECTIVES AND SCOPE OF WORK

The objective of the assessment is to delineate the nature and extent of contamination in soil and groundwater at the Site. The proposed assessment activities will include the advancement of one soil boring (SB-10) and one temporary monitoring well (TMW-1). Proposed soil boring and temporary monitoring well locations are presented in **Figure 6**.

The investigation scope of work will include the following:

- Update the Health and Safety Plan (HASP) for the Site.
- Request a public locate via the One-Call Notification Center.
- Conduct a meeting with subcontractors to develop Level 2 Task Risk Assessment (TRA).
- Contract Ground Penetrating Radar Systems, LLC (GPRS) to identify all private utilities at the Site.
- If warranted, expose utilities within two feet of proposed locations.
- Conduct utility pre-clearance at each boring location to a minimum of 6.5 feet below ground surface (bgs) using a vacuum truck and air-knife.
- Advance one temporary monitoring well to an approximate depth of 30 to 40 feet bgs using a drill rig.
- Advance one soil boring to an approximate depth of 40 feet bgs.

- Collect soil and groundwater samples and submit select samples for quantitative chemical analyses.
- Containerize and store waste in 55-gallon drums, pending off-site disposal.
- Interpret the data obtained.
- Prepare a report detailing the findings of the investigation.

3.1 PROPOSED TEMPORARY MONITORING WELL LOCATION AND CONSTRUCTION DETAILS

Antea Group proposed to install one off-site temporary monitoring well, TMW-1 to an approximate depth of 30 to 40 feet bgs. Total depths will be determined based on the presence of saturated soil during drilling activities.

- Temporary monitoring well TMW-1 will be located west of the Site in the southwest bound left turn lane of Fauntleroy Way Southwest to close data gaps in soil and groundwater upgradient of MW-14 and cross gradient of MW-15.

Proposed Monitoring Well Location	Rationale for Location	Historical Borings with Concentrations above MTCA	Historical Depth Above MTCA Method A CUL (ft bgs)/ Concentration (mg/kg)	Proposed Sample Intervals (ft bgs)
TMW-1	West of the Site to close data gaps in historical soil and groundwater impacts in MW-14, MW-15, and SB-8.	MW-14	15’ / 32 (TPH-G) 17.5’ / 130 (TPH-G) 20’ / 39 (TPH-G) 30’ / 31 (TPH-G)	10, 15, 17.5, 20, 25, 30, 35, 40
		MW-15	15’ / 1,200 (TPH-G) 20’ / 140 (TPH-G)	
		SB-8	10’ / 0.15 (Benzene) 15’ / 180 (TPH-G) 20’ / 0.36 (Benzene), 800 (TPH-G) 30’ / 0.069 (Benzene), 460 (TPH-G) 35’ / 0.086 (Benzene), 170 (TPH-G)	

CUL = Cleanup Level
mg/kg = milligrams per kilogram

Per Antea Group Defined Practice for Ground Disturbance, underground utilities must be exposed ahead of ground disturbance activities if borings are advanced within two feet of the known utilities. In addition, all borings must be cleared to a minimum of 6.5 feet bgs and to 120 percent of the diameter of the drilling tool utilizing a vacuum truck with air-knife and/or hand tools. Once soil borings are cleared to 6.5 feet bgs, a licensed driller will advance the borings using a drill rig.

Temporary monitoring well TMW-1 will be completed utilizing 1-inch diameter schedule 40 PVC to an approximate depth of 30 to 40 feet with 20 feet of 0.010-inch slotted pre-packed screen. Total temporary well depth and the screened interval may need to be adjusted based on subsurface conditions observed in the field. Once soil and groundwater samples have been collected, the well screen and PVC riser will be removed from TMW-1. The borehole will be backfilled with hydrated 3/8 inch bentonite chips and completed to ground surface with a concrete or asphalt cap.

3.2 PROPOSED SOIL BORING LOCATION

Antea Group proposed to advance one soil boring, SB-10, to a depth of approximately 40 feet bgs to vertically delineate historical soil impacts and evaluate current soil conditions near soil boring SB-8. The proposed boring location is shown in **Figure 6**. The proposed boring location is described below.

Proposed Boring Location	Rationale for Location	Historical Borings with Concentrations above MTCA	Historical Depth Above MTCA Method A CUL (ft bgs)/ Concentration (mg/kg)	Proposed Sample Intervals (ft bgs)
SB-10	SB-10 is proposed for advancement near soil boring SB-8 to confirm soil concentrations and obtain vertical delineation.	SB-8	10’ / 0.15 (Benzene) 15’ / 180 (TPH-G) 20’ / 0.36 (Benzene), 800 (TPH-G) 30’ / 0.069 (Benzene), 460 (TPH-G) 35’ / 0.086 (Benzene), 170 (TPH-G)	10, 15, 20, 30, 35, 40

CUL = Cleanup Level
mg/kg = milligrams per kilogram

4.0 PRE-FIELD ACTIVITIES

4.1 UTILITY LOCATES

The proposed boring locations will be marked, and the Utility Underground Location Center will be contacted at least 72 business hours before the Site walk is scheduled. A Site walk will be conducted to visually inspect utility markers and indicators. The Site owner and/or tenants will be contacted for their knowledge of utilities. A private utility locator will be utilized to identify private subsurface utilities. The private utility locator will use a multi-frequency locator to identify conductive subsurface utilities. In addition to conductive utility locating, ground penetrating radar (GPR) will be used to locate non-conductive utilities and other potential preferential pathways. All utilities will be marked in paint and recorded on a drawing/plot plan. Proposed monitoring well and boring locations that are within five feet of an identified utility will be relocated away from the identified utility, if possible. If that is not possible, appropriate variances will be obtained with Antea Group Health, Safety, Security, and Environment Management (HSSE) team, prior to conducting ground disturbance activities.

5.0 SAMPLING AND ANALYSIS PLAN

Soil samples will be collected during drilling activities to evaluate subsurface hydrogeologic conditions and/or quantitative chemical analysis. The drilling will be performed by a professional well driller licensed in the State of Washington. Groundwater samples will be collected after well installation and development.

5.1 SOIL SAMPLING

To collect shallow soil samples at less than 6.5 feet bgs, a vacuum truck with air-knife will cease operations approximately 18-inches above the target sample depth and a hand auger equipped with a stainless steel auger head and a five-foot extension rod, or other tools deemed feasible, will be used to collect a soil sample.

Following sample collection, the vacuum truck and air-knife will resume operations to advance the pothole to a minimum depth of 6.5 feet bgs and sampling will continue as detailed below.

Below the minimum clearance depth of 6.5 feet bgs, a drill rig will advance each boring continuously in five-foot intervals to the maximum depth necessary to meet soil boring and monitoring well objectives at each location. All drilling equipment will be decontaminated after each boring with phosphate-free, laboratory grade detergent and a water pressure washer.

5.1.1 SOIL SAMPLING PROCEDURES

Soil sampled will be field screened for the presence of volatile organic compounds with a photo-ionization detector (PID) to aid in the facilitation of selecting representative soil samples for chemical analysis. Clear plastic bags will be filled to one third capacity and then sealed. Soil in bags will then be gently agitated to facilitate the breakup of any lumps and allowed to sit for approximately 10 minutes prior to analyzing the air above the soil in the bag. The maximum vapor concentration in parts per million (ppm) will be recorded for each soil sample collected.

Sheen testing will be conducted by placing soil in a pan of water and observing the water surface for signs of sheen. Sheens are classified as follows:

- **Slight Sheen:** Light, colorless, dull sheen. The spread is irregular and dissipates quickly.
- **Moderate Sheen:** Light to heavy sheen, may show color/iridescence. The spread is irregular to flowing. Few remaining areas of no sheen are evident on the water surface; and
- **Heavy Sheen:** Heavy sheen with color/iridescence. The spread is rapid, and the entire water surface may be covered with sheen.

At a minimum, soil samples will be collected and submitted for laboratory analysis from the capillary fringe, from the bottom-most sample interval attained in the boring, and from depths specified in **Sections 3.1** and **Section 3.2**. The bottom most sample will be used to demonstrate that the sampling effort has advanced to a sufficient depth to define the vertical extent of petroleum hydrocarbon impacts, if present. Additional soil samples may be submitted based on field screening observations. For example, the sample exhibiting the highest PID readings, strongest sheen, or otherwise having the greatest visual or olfactory indication of petroleum hydrocarbon impacts may also be submitted for laboratory analysis.

Soil samples will be collected directly from the source using a single-use syringe sampler and placed into laboratory supplied 40-milliliter (mL) volatile organic analysis (VOA) vials preserved with methanol in accordance with the Environmental Protection Agency (EPA) Method 5035A. Additional soil will be placed into four- to eight-ounce laboratory-supplied glass soil jars. The samples will be labeled and immediately placed in cold storage until submitted to the laboratory for analysis. The samples will be transported following chain of custody procedures and documentation.

Each boring will be logged in accordance with standard geologic practices for the environmental industry. Boring logs will include detailed descriptions of materials encountered during drilling using the Unified Soil Classification System (USCS) as per the American Society for Testing and Materials (ASTM) Standard D-2488-93. Boring log descriptions may include field density, moisture content, color, the presence of fill, debris, and any indication of contamination such as visual or odors.

5.1.2 SOIL SAMPLING DESIGNATIONS

Soil samples will be assigned a unique identification code. The sample designation consists of the boring location number and the depth or depth interval. For example, the designation “SB-10 (15’)” identifies a soil sample collected at fifteen feet bgs from boring location SB-10.

5.2 GROUNDWATER SAMPLING

Groundwater samples will be collected from TMW-1 following completion of soil sampling to the proposed depth. Field and laboratory methods associated with groundwater samples are described below.

5.2.1 GROUNDWATER SAMPLING PROCEDURES

The depth to water in TMW-1 will be measured using a water level indicator. Groundwater samples will be collected using a temporary well screen and bladder pump. The pump will be lowered to the center of the screened interval to ensure formation water is being drawn into the pump. The temporary well is then purged at a slow speed (< 500 mL/minute) until the field parameters stabilize. The field parameters are recorded at three to five-minute intervals until stabilization. Field parameters include temperature, specific conductivity, pH, oxidation reduction potential (ORP), total dissolved solids (TDS), and dissolved oxygen (DO). After stabilization, the groundwater is collected directly from the polyethylene tubing into the appropriate laboratory-supplied containers and placed in a cooler with ice.

5.3 QUANTITATIVE LABORATORY ANALYSIS

All soil and groundwater sample containers will be labeled, placed in a field cooler after collection, and packed with ice pending transport to an Ecology-accredited laboratory. Standard chain of custody procedures will be used for all samples submitted to the laboratory. A temperature compliance vial will accompany each cooler to verify that proper holding temperatures were maintained during transport.

A chain of custody form sealed in a plastic zippered bag will accompany each sample cooler containing laboratory samples. The Antea Group field personnel will retain a copy of the chain of custody and the original will be sent with the samples to the laboratory.

Soil samples selected for chemical analysis will be analyzed for the following constituents of concern (COCs):

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl-tertiary-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260B.
- Total Naphthalene's (naphthalene, 1-methyl-naphthalene, and 2-methyl-naphthalene) by EPA 8270 selected ion monitoring (SIM).
- TPH-G by Northwest Method NWTPH-Gx.
- TPH-D and TPH-O by Northwest Method NWTPH-Dx without silica gel cleanup.
- Total Lead by EPA Method 6020A.

Groundwater samples selected for chemical analysis will be analyzed for the following COCs:

- BTEX and MTBE by EPA Method 8260B.
- Dibromoethane, 1-2 (EDB) and Dichloroethane, 1-2(EDC).
- Total Naphthalene's (naphthalene, 1-methyl-naphthalene, and 2-methyl-naphthalene) by EPA 8270 SIM.
- TPH-G by Northwest Method NWTPH-Gx.
- TPH-D and TPH-O by Northwest Method NWTPH-Dx without silica gel cleanup.
- Total and dissolved Lead by EPA Method 200.8.

Waste composite samples collected from soil cuttings and purge water will be analyzed for the following COCs for waste characterization purposes only:

- BTEX by EPA Method 8260B.
- TPH-G by Northwest Method NWTPH-Gx.
- TPH-D and TPH-O by Northwest Method NWTPH-Dx without silica gel cleanup.
- Resource Conservation and Recovery Act (RCRA) 8 Metals by EPA Method 6020 and EPA Method 7471.

In accordance with the time schedule for this project, all soil and groundwater samples will be submitted for regular turnaround analyses with the laboratory. Rush analyses will be requested for waste characterization samples to expedited waste disposal.

5.4 EQUIPMENT DECONTAMINATION

Soil and groundwater sampling equipment will be decontaminated prior to initiating sampling activities, between sampling locations, and upon completion of sampling activities. Field sampling equipment used in the collection of soil samples will be decontaminated by washing with non-phosphate detergent and rinsing with deionized water. Drilling equipment that directly contacts soil samples will be decontaminated after each advancement. Attached soil will be brushed off and any remaining visible soil will be removed using a pressure washer. Field equipment used in groundwater sampling will also be decontaminated with non-phosphate detergent in between each monitoring well. For low-flow sampling, each monitoring well will have dedicated, single-use tubing which does not require decontamination.

5.5 FIELD QUALITY CONTROL AND DOCUMENTATION

Samples will be kept in sight of the sampling crew or in a secure, locked vehicle at all times. Transfer of samples from field personnel to the laboratory will be documented using chain of custody procedures. If someone other than the sample collector transports samples to the laboratory, the collector will sign and date the chain of custody record and insert the name of the person or firm transporting the samples under “transported by” before sealing the container with a custody seal.

Field personnel will record all required field information for each sampling location. The person recording the data will review all data and log forms daily, so that any errors or omissions can be corrected. All completed data sheets will be removed daily from the field, photocopied, and stored in the project file. Field and work plan contingencies are provided in **Appendix C**.

5.6 INVESTIGATION-DERIVED WASTE

Investigation-derived wastes (IDW) in the form of soil cuttings, decontamination water, and purge water are expected to be generated during field activities. All IDW generated during field activities will be placed in Department of Transportation (DOT) approved 55-gallon drums. The drums will be sealed, labeled, and temporarily stored on the Site. Arrangements for proper disposal and/or recycling of IDW will be made upon receipt of final analytical results for soil and groundwater. All IDW will be disposed of by an approved RMSC contractor.

6.0 SCHEDULE

Field activities outlined in this Work Plan are planned for the third quarter 2025 pending BPPNA’s review and approval of this Work Plan and obtainment of the ROW permit with the City of Seattle. This schedule may be delayed or accelerated by access negotiations (permitting), contractor availability, weather, or other factors.

7.0 DATA EVALUATION AND REPORT GENERATION

A written report will be prepared describing the results of field activities, analytical results, and data evaluation results for the soil and groundwater investigation. Conclusions and recommendations regarding the results of field activities and potential future work, if warranted, will be included in the report. The report will include tables, maps, figures, and appendices pertinent to the data collected during field activities.

Antea Group would like to request a formal opinion from Ecology on the status of the MTCA Site Boundary and the soil boring and temporary monitoring well locations proposed in this Work Plan. If soil and groundwater concentrations from TMW-1 are below MTCA Method A Cleanup Levels, then the soil and groundwater data gap between monitoring wells MW-14 and MW-15 would be closed. Additionally, if vertical delineation is achieved in soil boring SB-10, then vertical delineation for the Site would also be achieved. Therefore, if soil and groundwater concentrations are below MTCA Method A Cleanup Levels and vertical soil delineation is achieved, then all soil and groundwater data gaps would be closed at the Site.

8.0 REMARKS

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

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Date: August 20, 2025

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Date: August 20, 2025

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Date: August 18, 2025

Reviewed by:

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Mr. Jack Davis, Jackson Energy (Electronic Copy)
Mr. Wade Melton, BP Products North America, Inc. (BPPNA), (Electronic Copy - RMO Upload File, Antea Group

9.0 CONTACT INFORMATION

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10.0 REFERENCES

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Tables

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
AS-1	5/7/2015	--	23.30	NP	--	--	NS
AS-1	3/2/2016	--	23.31	NP	--	--	NS
AS-2	3/2/2016	--	21.18	NP	--	--	NS
AS-3	3/2/2016	--	21.63	NP	--	--	NS
AS-4	3/2/2016	--	21.65	NP	--	--	NS
AS-5	3/2/2016	--	--	--	--	--	Dry
AS-6	3/2/2016	--	25.61	NP	--	--	NS
CW-2	3/2/2016	--	19.53	NP	--	--	NS
CW-3	3/2/2016	--	21.57	NP	--	--	NS
CW-4	3/2/2016	--	20.61	NP	--	--	NS
EW-1	5/9/2013	268.20	24.49	24.32	0.17	243.85	--
EW-1	5/7/2015	268.20	25.75	24.73	1.02	243.27	--
EW-1	3/2/2016	268.20	24.81	NP	--	243.40	NS
EW-1	6/6/2016	268.20	25.94	25.28	0.66	242.80	--
EW-1	9/12/2016	268.20	26.89	26.16	0.73	241.91	--
EW-1	12/12/2016	268.20	25.49	24.70	0.79	243.36	--
EW-1	2/22/2017	268.20	24.98	24.20	0.78	243.86	--
EW-1	8/29/2017	268.20	26.28	25.68	0.60	242.42	--
EW-1	10/25/2018	268.20	27.52	NP	--	240.70	NS
EW-1	2/20/2019	268.20	26.85	NP	--	241.37	NS
EW-1	5/14/2019	268.20	27.18	NP	--	241.04	NS
EW-1	8/27/2019	268.20	27.83	NP	--	240.39	NS
EW-1	11/25/2019	268.20	27.84	NP	--	240.38	NS
EW-1	3/25/2020	268.20	26.50	NP	--	241.73	NS
EW-1	8/6/2020	268.20	26.85	NP	--	241.38	NS
EW-1	2/6/2024	268.24	26.09	NP	--	242.15	--
EW-2	5/9/2013	267.93	24.11	NP	--	243.82	NS
EW-2	5/7/2015	267.93	24.78	NP	--	243.15	NS
EW-2	3/2/2016	267.93	24.80	NP	--	243.13	NS
EW-2	6/6/2016	267.93	25.17	NP	--	242.76	NS
EW-2	9/12/2016	267.93	26.22	NP	--	241.71	NS
EW-2	12/12/2016	267.93	24.64	NP	--	243.29	NS
EW-2	2/22/2017	267.93	24.10	NP	--	243.83	NS
EW-2	8/29/2017	267.93	25.56	NP	--	242.37	NS
EW-2	10/25/2018	267.93	27.30	NP	--	240.63	NS
EW-2	2/20/2019	267.93	26.52	NP	--	241.41	NS
EW-2	5/14/2019	267.93	26.96	NP	--	240.97	NS
EW-2	8/27/2019	267.93	27.65	NP	--	240.28	NS

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
EW-2	11/25/2019	267.93	27.81	NP	--	240.12	NS
EW-2	3/25/2020	267.93	26.21	NP	--	241.72	NS
EW-2	8/6/2020	267.93	26.61	NP	--	241.32	NS
EW-2	2/6/2024	267.93	25.55	NP	--	242.38	--
EW-3	5/9/2013	268.50	24.90	24.59	0.31	243.85	--
EW-3	5/7/2015	268.50	25.77	23.23	2.54	244.76	--
EW-3	3/2/2016	268.50	25.44	25.19	0.25	243.26	--
EW-3	9/12/2016	268.50	27.17	25.63	1.54	242.57	--
EW-3	12/12/2016	268.50	25.58	24.75	0.83	243.59	--
EW-3	2/22/2017	268.50	25.06	24.22	0.84	244.12	--
EW-3	8/29/2017	268.50	26.75	25.99	0.76	242.36	--
EW-3	10/25/2018	268.50	27.81	NP	--	240.70	NS
EW-3	2/20/2019	268.50	26.93	NP	--	241.58	NS
EW-3	5/14/2019	268.50	27.45	NP	--	241.06	NS
EW-3	8/27/2019	268.50	27.98	NP	--	240.53	NS
EW-3	11/25/2019	268.50	27.98	NP	--	240.53	NS
EW-3	3/25/2020	268.50	26.69	NP	--	241.82	NS
EW-3	8/6/2020	268.50	27.11	NP	--	241.40	NS
EW-3	2/6/2024	268.51	24.59	NP	--	243.92	--
GMW-1	5/10/2011	--	22.08	NP	--	--	--
GMW-1	11/29/2011	--	23.83	NP	--	--	--
GMW-1	6/1/2012	--	--	--	--	--	NM
GMW-1	11/29/2012	--	--	--	--	--	NM
GMW-1	5/9/2013	265.63	22.58	NP	--	243.05	--
GMW-1	11/19/2013	265.63	24.00	NP	--	241.63	--
GMW-1	5/13/2014	265.63	22.83	NP	--	242.80	NS
GMW-1	5/14/2014	265.63	--	--	--	--	--
GMW-1	5/7/2015	265.63	23.48	NP	--	242.15	--
GMW-1	3/2/2016	265.63	22.48	NP	--	243.15	--
GMW-1	6/6/2016	265.63	23.51	NP	--	242.12	--
GMW-1	9/12/2016	265.63	24.89	NP	--	240.74	--
GMW-1	12/12/2016	265.63	22.95	NP	--	242.68	--
GMW-1	2/22/2017	265.63	22.02	NP	--	243.61	--
GMW-1	8/29/2017	265.63	23.86	NP	--	241.77	--
GMW-1	3/13/2018	265.63	23.20	NP	--	242.43	--
GMW-1	10/25/2018	265.63	26.22	26.16	0.06	239.46	--
GMW-1	2/20/2019	265.63	24.34	NP	--	241.30	--
GMW-1	5/13/2019	265.63	25.28	NP	--	240.36	--
GMW-1	8/27/2019	265.63	26.68	NP	--	238.97	--
GMW-1	11/25/2019	265.63	26.95	26.90	0.05	238.74	NS
GMW-1	3/25/2020	265.63	24.91	NP	--	240.75	--
GMW-1	6/2/2020	265.63	25.05	NP	--	240.61	--
GMW-1	8/6/2020	265.63	25.92	NP	--	239.75	--
GMW-1	12/10/2020	265.63	25.50	25.49	0.01	240.18	--
GMW-1	3/8/2021	265.63	23.35	NP	--	242.33	--
GMW-1	6/9/2021	265.63	24.62	NP	--	241.07	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
GMW-1	9/13/2021	265.63	26.70	NP	--	238.99	--
GMW-1	12/7/2021	265.63	24.55	NP	--	241.15	--
GMW-1	9/22/2022	265.63	25.45	NP	--	240.26	--
GMW-1	11/29/2022	265.63	26.24	NP	--	239.48	--
GMW-1	2/27/2023	265.63	24.34	NP	--	241.38	--
GMW-1	5/25/2023	265.63	24.30	NP	--	241.43	--
GMW-1	8/9/2023	265.63	24.84	NP	--	240.89	--
GMW-1	12/11/2023	265.63	23.43	NP	--	242.31	--
GMW-1	2/6/2024	265.74	22.16	NP	--	243.58	--
GMW-1	5/16/2024	265.74	23.61	NP	--	242.13	--
GMW-1	5/16/2024	265.74	23.61	NP	--	242.13	NS
GMW-1	9/10/2024	265.74	25.27	NP	--	240.47	--
GMW-1	12/30/2024	265.74	24.21	NP	--	241.53	--
MW-1	5/11/1993	99.89	23.02	NP	--	76.87	--
MW-1	3/4/1994	99.89	24.32	NP	--	75.57	--
MW-1	7/6/1994	99.89	24.60	NP	--	75.29	--
MW-1	10/7/1994	99.89	24.97	NP	--	74.92	--
MW-1	12/28/1994	99.89	24.86	NP	--	75.03	--
MW-1	3/13/1995	99.89	24.16	NP	--	75.73	--
MW-1	6/30/1995	99.89	23.98	NP	--	75.91	--
MW-1	9/6/1995	99.89	24.30	NP	--	75.59	--
MW-1	12/8/1995	99.89	24.41	NP	--	75.48	--
MW-1	3/11/1996	99.89	23.11	NP	--	76.78	--
MW-1	6/18/1996	99.89	22.80	NP	--	77.09	--
MW-1	9/9/1996	99.89	23.11	NP	--	76.78	--
MW-1	12/11/1996	99.89	23.07	NP	--	76.82	--
MW-1	3/13/1997	99.89	22.12	NP	--	77.77	--
MW-1	6/5/1997	99.89	21.75	NP	--	78.14	--
MW-1	9/5/1997	99.89	22.03	NP	--	77.86	--
MW-1	4/2/1998	99.89	21.27	NP	--	78.62	--
MW-1	6/8/1998	99.89	21.53	NP	--	78.36	--
MW-1	12/9/1998	99.89	22.22	NP	--	77.67	--
MW-1	6/26/1999	99.89	21.08	NP	--	78.81	--
MW-1	9/28/1999	99.89	21.88	NP	--	78.01	--
MW-1	1/19/2000	99.89	21.46	NP	--	78.43	--
MW-1	3/24/2000	99.89	21.40	NP	--	78.49	--
MW-1	7/2/2000	99.89	21.92	NP	--	77.97	--
MW-1	9/14/2000	99.89	22.54	NP	--	77.35	--
MW-1	12/14/2000	99.89	22.81	NP	--	77.08	--
MW-1	9/22/2001	99.89	23.55	NP	--	76.34	--
MW-1	12/9/2001	99.89	23.63	NP	--	76.26	--
MW-1	3/20/2002	99.89	22.88	NP	--	77.01	--
MW-1	6/11/2002	99.89	23.02	NP	--	76.87	--
MW-1	12/21/2002	99.89	24.54	NP	--	75.35	NS
MW-1	3/19/2003	99.89	24.50	NP	--	75.39	NS
MW-1	6/18/2003	99.89	24.36	NP	--	75.53	NS
MW-1	9/23/2003	99.89	--	--	--	--	NS

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	10/21/2003	99.89	25.04	NP	--	74.85	--
MW-1	6/29/2004	99.89	24.22	NP	--	75.67	NS
MW-1	11/15/2004	99.89	25.11	NP	--	74.78	NS
MW-1	4/14/2005	99.89	25.10	NP	--	74.79	NS
MW-1	12/18/2005	99.89	25.46	NP	--	74.43	--
MW-1	6/11/2006	99.89	24.54	NP	--	75.35	--
MW-1	11/5/2006	99.89	25.59	NP	--	74.30	--
MW-1	9/25/2007	99.89	25.08	NP	--	74.81	--
MW-1	12/31/2007	99.89	25.23	NP	--	74.66	--
MW-1	5/29/2008	99.89	25.01	NP	--	74.88	--
MW-1	10/28/2008	99.89	25.80	NP	--	74.09	--
MW-1	6/22/2009	99.89	26.11	NP	--	73.78	--
MW-1	12/15/2009	99.89	26.31	NP	--	73.58	--
MW-1	5/24/2010	267.43	25.20	NP	--	242.23	--
MW-1	10/12/2010	267.43	25.09	NP	--	242.34	--
MW-1	5/10/2011	267.43	23.60	NP	--	243.83	--
MW-1	11/29/2011	267.43	24.84	NP	--	242.59	--
MW-1	6/1/2012	267.43	23.67	NP	--	243.76	--
MW-1	11/29/2012	267.43	24.00	NP	--	243.43	--
MW-1	5/9/2013	267.43	23.79	NP	--	243.64	--
MW-1	11/19/2013	267.43	25.30	NP	--	242.13	--
MW-1	5/13/2014	267.43	24.12	NP	--	243.31	--
MW-1	5/7/2015	267.43	24.26	NP	--	243.17	--
MW-1	3/2/2016	267.43	24.53	NP	--	242.90	--
MW-1	6/6/2016	267.43	24.82	NP	--	242.61	NS
MW-1	9/12/2016	267.43	26.88	NP	--	240.55	IW
MW-1	12/12/2016	267.43	24.76	NP	--	242.67	NS
MW-1	2/22/2017	267.43	24.11	NP	--	243.32	--
MW-1	8/29/2017	267.43	25.20	NP	--	242.23	--
MW-1	3/13/2018	267.43	25.35	NP	--	242.08	--
MW-1	10/25/2018	267.43	26.43	NP	--	241.00	NS
MW-1	2/20/2019	267.43	26.37	NP	--	241.06	NS
MW-1	2/22/2019	267.43	26.33	NP	--	241.10	--
MW-1	5/14/2019	267.43	26.70	NP	--	240.73	--
MW-1	8/27/2019	267.43	27.20	NP	--	240.23	NS
MW-1	11/25/2019	267.43	27.21	NP	--	240.22	NS
MW-1	3/26/2020	267.43	26.02	NP	--	241.41	--
MW-1	6/3/2020	267.43	25.92	NP	--	241.51	--
MW-1	8/6/2020	267.43	26.32	NP	--	241.11	--
MW-1	12/10/2020	267.43	--	--	--	--	Dry
MW-1	3/8/2021	267.43	25.27	NP	--	242.16	--
MW-1	6/9/2021	267.43	25.76	25.76	0.00	241.67	--
MW-1	9/13/2021	267.43	26.77	NP	--	240.66	--
MW-1	12/7/2021	267.43	--	--	--	--	Dry
MW-1	3/8/2022	267.43	25.89	NP	--	241.54	--
MW-1	6/22/2022	267.43	26.07	NP	--	241.36	--
MW-1	9/22/2022	267.43	26.81	NP	--	240.62	--
MW-1	11/29/2022	267.43	27.20	NP	--	240.23	IW

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	12/12/2022	267.43	27.16	NP	--	240.27	--
MW-1	2/27/2023	267.43	--	--	--	--	Dry
MW-1	5/25/2023	267.43	--	--	--	--	Dry
MW-1	8/9/2023	267.43	26.80	NP	--	240.63	IW
MW-1	2/6/2024	267.43	25.55	NP	--	241.88	--
MW-1	5/16/2024	267.43	25.70	NP	--	241.73	--
MW-1	9/10/2024	267.43	--	--	--	--	Dry
MW-1	12/30/2024	267.43	--	--	--	--	Dry
MW-1	4/9/2025	267.43	27.00	NP	--	240.43	Dry
MW-2	5/11/1993	99.05	22.98	NP	--	76.07	--
MW-2	3/4/1994	99.05	24.30	NP	--	74.75	--
MW-2	7/6/1994	99.05	24.54	NP	--	74.51	--
MW-2	10/7/1994	99.05	24.94	NP	--	74.11	--
MW-2	12/28/1994	99.05	24.60	NP	--	74.45	--
MW-2	3/13/1995	99.05	23.84	NP	--	75.21	--
MW-2	6/30/1995	99.05	23.72	NP	--	75.33	--
MW-2	9/6/1995	99.05	23.97	NP	--	75.08	--
MW-2	12/8/1995	99.05	23.97	NP	--	75.08	--
MW-2	3/11/1996	99.05	22.66	NP	--	76.39	--
MW-2	6/18/1996	99.05	22.18	NP	--	76.87	--
MW-2	9/9/1996	99.05	22.72	NP	--	76.33	--
MW-2	12/11/1996	99.05	22.67	NP	--	76.38	--
MW-2	3/13/1997	99.05	21.91	NP	--	77.14	--
MW-2	6/5/1997	99.05	21.06	NP	--	77.99	--
MW-2	9/5/1997	99.05	21.74	NP	--	77.31	--
MW-2	4/2/1998	99.05	20.71	NP	--	78.34	--
MW-2	6/8/1998	99.05	21.25	NP	--	77.80	--
MW-2	9/17/1998	99.05	22.10	NP	--	76.95	--
MW-2	12/9/1998	99.05	21.99	NP	--	77.06	--
MW-2	3/17/1999	99.05	19.67	NP	--	79.38	--
MW-2	6/26/1999	99.05	21.26	NP	--	77.79	--
MW-2	9/28/1999	99.05	21.75	NP	--	77.30	--
MW-2	1/19/2000	99.05	21.12	NP	--	77.93	--
MW-2	3/24/2000	99.05	20.74	NP	--	78.31	--
MW-2	7/2/2000	99.05	21.51	NP	--	77.54	--
MW-2	9/14/2000	99.05	22.31	NP	--	76.74	--
MW-2	12/14/2000	99.05	22.97	NP	--	76.08	--
MW-2	9/22/2001	99.05	23.59	NP	--	75.46	--
MW-2	12/9/2001	99.05	23.27	NP	--	75.78	--
MW-2	3/20/2002	99.05	22.41	NP	--	76.64	--
MW-2	6/11/2002	99.05	22.61	NP	--	76.44	--
MW-2	12/21/2002	99.05	24.30	NP	--	74.75	--
MW-2	3/19/2003	99.05	23.90	NP	--	75.15	--
MW-2	6/18/2003	99.05	23.87	NP	--	75.18	--
MW-2	9/23/2003	99.05	24.33	NP	--	74.72	--
MW-2	10/21/2003	99.05	24.38	NP	--	74.67	--
MW-2	6/29/2004	99.05	23.74	NP	--	75.31	--
MW-2	11/15/2004	99.05	24.70	NP	--	74.35	--

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Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	4/14/2005	99.05	24.69	NP	--	74.36	--
MW-2	12/18/2005	99.05	25.15	NP	--	73.90	--
MW-2	6/11/2006	99.05	24.01	NP	--	75.04	--
MW-2	11/5/2006	99.05	25.40	NP	--	73.65	--
MW-2	9/25/2007	99.05	24.72	NP	--	74.33	--
MW-2	12/31/2007	99.05	24.67	NP	--	74.38	--
MW-2	5/29/2008	99.05	24.73	NP	--	74.32	--
MW-2	10/28/2008	99.05	25.74	NP	--	73.31	--
MW-2	6/22/2009	99.05	25.91	NP	--	73.14	--
MW-2	12/15/2009	99.05	25.87	NP	--	73.18	--
MW-2	5/24/2010	266.69	24.64	NP	--	242.05	--
MW-2	10/12/2010	266.69	25.03	NP	--	241.66	--
MW-2	5/10/2011	266.69	23.23	NP	--	243.46	--
MW-2	11/29/2011	266.69	24.82	NP	--	241.87	--
MW-2	6/1/2012	266.69	23.60	NP	--	243.09	--
MW-2	11/29/2012	266.69	23.86	NP	--	242.83	--
MW-2	5/9/2013	266.69	23.41	NP	--	243.28	--
MW-2	11/19/2013	266.69	24.40	NP	--	242.29	--
MW-2	5/13/2014	266.69	23.74	NP	--	242.95	--
MW-2	5/7/2015	266.69	24.14	NP	--	242.55	--
MW-2	3/2/2016	266.69	23.79	NP	--	242.90	--
MW-2	6/6/2016	266.69	24.49	NP	--	242.20	--
MW-2	9/12/2016	266.69	26.69	NP	--	240.00	--
MW-2	12/12/2016	266.69	23.96	NP	--	242.73	--
MW-2	2/22/2017	266.69	23.18	NP	--	243.51	--
MW-2	8/29/2017	266.69	24.86	NP	--	241.83	--
MW-2	3/13/2018	266.69	24.45	NP	--	242.24	--
MW-2	10/25/2018	266.69	26.85	NP	--	239.84	--
MW-2	2/20/2019	266.69	25.27	NP	--	241.42	--
MW-2	5/14/2019	266.69	26.20	NP	--	240.49	--
MW-2	8/27/2019	266.69	27.30	NP	--	239.39	NS
MW-2	11/26/2019	266.69	27.29	NP	--	239.40	--
MW-2	3/26/2020	266.69	25.44	NP	--	241.25	--
MW-2	6/3/2020	266.69	25.60	NP	--	241.09	--
MW-2	8/7/2020	266.69	26.22	NP	--	240.47	--
MW-2	12/10/2020	266.69	24.06	NP	--	242.63	--
MW-2	3/8/2021	266.69	24.32	NP	--	242.37	--
MW-2	6/9/2021	266.69	25.45	NP	--	241.24	--
MW-2	9/13/2021	266.69	27.79	NP	--	238.90	--
MW-2	12/7/2021	266.69	25.12	NP	--	241.57	--
MW-2	3/8/2022	266.69	24.48	NP	--	242.21	--
MW-2	6/22/2022	266.69	25.03	NP	--	241.66	--
MW-2	9/22/2022	266.69	26.51	NP	--	240.18	--
MW-2	11/29/2022	266.69	25.93	NP	--	240.76	--
MW-2	2/27/2023	266.69	25.08	NP	--	241.61	--
MW-2	5/25/2023	266.69	25.52	NP	--	241.17	--
MW-2	8/9/2023	266.69	26.04	NP	--	240.65	--
MW-2	12/11/2023	266.69	24.29	NP	--	242.40	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	2/6/2024	266.69	23.65	NP	--	243.04	--
MW-2	5/16/2024	266.69	24.84	NP	--	241.85	--
MW-2	9/10/2024	266.69	26.48	NP	--	240.21	NS
MW-2	12/30/2024	266.69	25.20	NP	--	241.49	--
MW-2	4/9/2025	266.69	26.14	NP	--	240.55	--
MW-3	6/7/1993	98.53	22.28	NP	--	76.25	--
MW-3	3/4/1994	98.53	23.62	NP	--	74.91	--
MW-3	7/6/1994	98.53	23.84	NP	--	74.69	--
MW-3	10/7/1994	98.53	24.21	NP	--	74.32	--
MW-3	12/28/1994	98.53	23.91	NP	--	74.62	--
MW-3	3/13/1995	98.53	23.12	NP	--	75.41	--
MW-3	6/30/1995	98.53	23.87	NP	--	74.66	--
MW-3	9/6/1995	98.53	23.14	NP	--	75.39	--
MW-3	12/8/1995	98.53	23.20	NP	--	75.33	--
MW-3	3/11/1996	98.53	21.63	NP	--	76.90	--
MW-3	6/18/1996	98.53	21.20	NP	--	77.33	--
MW-3	9/9/1996	98.53	21.67	NP	--	76.86	--
MW-3	12/11/1996	98.53	21.87	NP	--	76.66	--
MW-3	3/13/1997	98.53	20.67	NP	--	77.86	--
MW-3	6/5/1997	98.53	19.83	NP	--	78.70	--
MW-3	9/5/1997	98.53	20.72	NP	--	77.81	--
MW-3	4/2/1998	98.53	19.63	NP	--	78.90	--
MW-3	6/8/1998	98.53	20.26	NP	--	78.27	--
MW-3	9/17/1998	98.53	21.21	NP	--	77.32	--
MW-3	12/9/1998	98.53	21.06	NP	--	77.47	--
MW-3	3/17/1999	98.53	18.72	NP	--	79.81	--
MW-3	6/26/1999	98.53	19.92	NP	--	78.61	--
MW-3	9/28/1999	98.53	20.79	NP	--	77.74	--
MW-3	1/19/2000	98.53	20.19	NP	--	78.34	--
MW-3	3/24/2000	98.53	19.64	NP	--	78.89	--
MW-3	7/2/2000	98.53	20.53	NP	--	78.00	--
MW-3	9/14/2000	98.53	21.34	NP	--	77.19	--
MW-3	12/14/2000	98.53	21.90	NP	--	76.63	--
MW-3	9/22/2001	98.53	22.82	NP	--	75.71	--
MW-3	12/9/2001	98.53	22.50	NP	--	76.03	--
MW-3	3/20/2002	98.53	21.55	NP	--	76.98	--
MW-3	6/11/2002	98.53	21.69	NP	--	76.84	--
MW-3	12/21/2002	98.53	24.37	NP	--	74.16	--
MW-3	3/19/2003	98.53	23.17	NP	--	75.36	NS
MW-3	6/18/2003	98.53	22.82	NP	--	75.71	--
MW-3	9/23/2003	98.53	23.55	NP	--	74.98	NS
MW-3	10/21/2003	98.53	23.52	NP	--	75.01	--
MW-3	6/29/2004	98.53	--	--	--	--	NS
MW-3	11/15/2004	98.53	23.95	NP	--	74.58	--
MW-3	4/14/2005	98.53	23.90	NP	--	74.63	--
MW-3	12/18/2005	98.53	24.42	NP	--	74.11	--
MW-3	6/11/2006	98.53	23.48	NP	--	75.05	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-3	11/5/2006	98.53	24.59	NP	--	73.94	--
MW-3	9/25/2007	98.53	23.84	NP	--	74.69	--
MW-3	12/31/2007	98.53	23.83	NP	--	74.70	--
MW-3	5/29/2008	98.53	23.90	NP	--	74.63	--
MW-3	10/28/2008	98.53	24.97	NP	--	73.56	--
MW-3	6/22/2009	98.53	25.29	NP	--	73.24	--
MW-3	12/15/2009	98.53	25.14	NP	--	73.39	--
MW-3	5/24/2010	266.00	24.10	NP	--	241.90	--
MW-3	10/12/2010	266.00	24.40	NP	--	241.60	--
MW-3	5/10/2011	266.00	22.55	NP	--	243.45	--
MW-3	11/29/2011	266.00	24.19	NP	--	241.81	--
MW-3	6/1/2012	266.00	22.94	NP	--	243.06	--
MW-3	11/29/2012	266.00	22.90	NP	--	243.10	--
MW-3	5/9/2013	266.00	22.72	NP	--	243.28	--
MW-3	11/19/2013	266.00	24.30	NP	--	241.71	--
MW-3	5/13/2014	266.00	22.95	NP	--	243.06	--
MW-3	5/7/2015	266.00	23.52	NP	--	242.49	--
MW-3	3/2/2016	266.00	22.12	NP	--	243.89	--
MW-3	6/6/2016	266.00	23.76	NP	--	242.25	--
MW-3	9/12/2016	266.00	25.08	NP	--	240.93	--
MW-3	12/12/2016	266.00	22.42	NP	--	243.59	--
MW-3	2/22/2017	266.00	20.02	NP	--	245.99	--
MW-3	8/29/2017	266.00	24.09	NP	--	241.92	--
MW-3	3/13/2018	266.00	23.22	NP	--	242.79	--
MW-3	10/25/2018	266.00	26.11	NP	--	239.90	--
MW-3	2/20/2019	266.00	23.86	NP	--	242.15	NS
MW-3	5/14/2019	266.00	25.42	NP	--	240.59	--
MW-3	8/27/2019	266.00	26.38	NP	--	239.63	NS
MW-3	11/25/2019	266.00	24.70	NP	--	241.31	--
MW-3	3/26/2020	266.00	25.79	NP	--	240.22	--
MW-3	6/2/2020	266.00	24.64	NP	--	241.38	NS
MW-3	8/7/2020	266.00	25.53	NP	--	240.49	--
MW-3	12/10/2020	266.00	24.59	NP	--	241.43	--
MW-3	3/8/2021	266.00	23.11	NP	--	242.91	--
MW-3	6/9/2021	266.00	24.63	NP	--	241.39	--
MW-3	9/13/2021	266.00	26.07	NP	--	239.95	--
MW-3	12/7/2021	266.00	22.98	NP	--	243.04	--
MW-3	3/8/2022	266.00	23.19	NP	--	242.83	--
MW-3	6/22/2022	266.00	24.07	NP	--	241.95	--
MW-3	9/22/2022	266.00	25.76	NP	--	240.26	--
MW-3	11/29/2022	266.00	24.19	NP	--	241.83	--
MW-3	2/27/2023	266.00	22.40	NP	--	243.62	--
MW-3	5/25/2023	266.00	24.78	NP	--	241.24	--
MW-3	8/9/2023	266.00	25.33	NP	--	240.69	--
MW-3	12/11/2023	266.00	20.72	NP	--	245.30	--
MW-3	2/6/2024	266.02	22.02	NP	--	244.00	--
MW-3	5/16/2024	266.02	24.10	NP	--	241.92	--
MW-3	9/10/2024	266.02	25.72	NP	--	240.30	NS

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-3	12/30/2024	266.02	22.22	NP	--	243.80	--
MW-3	4/9/2025	266.02	25.22	NP	--	240.80	--
MW-4	5/11/1993	100.26	23.03	NP	--	77.23	--
MW-4	3/4/1994	100.26	26.83	22.83	4.00	76.63	--
MW-4	7/6/1994	100.26	25.63	24.20	1.43	75.77	--
MW-4	10/7/1994	100.26	26.07	24.44	1.63	75.49	--
MW-4	12/28/1994	100.26	25.85	24.42	1.43	75.55	--
MW-4	3/13/1995	100.26	25.59	23.71	1.88	76.17	--
MW-4	6/30/1995	100.26	24.64	23.53	1.11	76.51	--
MW-4	9/6/1995	100.26	24.78	23.73	1.05	76.32	--
MW-4	12/8/1995	100.26	24.94	23.89	1.05	76.16	--
MW-4	3/11/1996	100.26	24.68	22.30	2.38	77.48	--
MW-4	6/18/1996	100.26	24.04	21.93	2.11	77.91	--
MW-4	9/9/1996	100.26	24.08	22.23	1.85	77.66	--
MW-4	12/11/1996	100.26	23.07	22.69	0.38	77.49	--
MW-4	3/17/1999	100.26	--	--	--	--	--
MW-4	9/28/1999	100.26	--	--	--	--	--
MW-4	1/19/2000	100.26	--	--	--	--	--
MW-4	3/24/2000	100.26	--	--	--	--	--
MW-4	7/2/2000	100.26	--	--	--	--	--
MW-4	9/14/2000	100.26	--	--	--	--	--
MW-4	9/22/2001	100.26	26.60	23.33	3.27	76.28	--
MW-4	12/9/2001	100.26	25.50	23.13	2.37	76.66	--
MW-4	3/20/2002	100.26	26.50	22.77	3.73	76.74	--
MW-4	6/11/2002	100.26	24.25	23.15	1.10	76.89	--
MW-4	12/21/2002	100.26	--	--	--	--	NS
MW-4	3/19/2003	100.26	--	--	--	--	NS
MW-4	6/18/2003	100.26	--	--	--	--	NS
MW-4	9/23/2003	100.26	22.31	22.24	0.07	78.01	--
MW-4	10/21/2003	100.26	21.79	NP	--	78.47	--
MW-4	6/29/2004	100.26	22.88	NP	--	77.38	--
MW-4	11/15/2004	100.26	23.07	21.62	1.45	78.35	--
MW-4	4/14/2005	100.26	23.82	21.93	1.89	77.95	--
MW-4	12/18/2005	100.26	23.43	23.35	0.08	76.89	--
MW-4	6/11/2006	100.26	21.87	21.86	0.01	78.40	--
MW-4	11/5/2006	100.26	22.92	22.91	0.01	77.35	--
MW-4	9/25/2007	100.26	22.15	22.13	0.02	78.13	--
MW-4	12/31/2007	100.26	--	--	--	--	NS
MW-4	5/29/2008	100.26	--	--	--	--	NM
MW-4	10/28/2008	100.26	--	--	--	--	Dry
MW-4	6/22/2009	100.26	24.21	24.17	0.04	76.08	--
MW-4	12/15/2009	100.26	24.04	23.76	0.28	76.44	--
MW-4	5/24/2010	267.78	--	--	--	--	NM
MW-4	5/10/2011	267.78	--	--	--	--	NM
MW-4	11/29/2011	267.78	--	--	--	--	NM
MW-4	6/1/2012	267.78	--	--	--	--	NM
MW-4	11/29/2012	267.78	24.00	23.90	0.10	243.86	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-4	5/9/2013	267.78	26.48	22.65	3.83	244.36	--
MW-4	11/19/2013	267.78	26.61	24.80	1.81	242.62	--
MW-4	5/13/2014	267.78	25.80	23.30	2.50	243.98	--
MW-4	5/7/2015	267.78	26.50	23.55	2.95	243.64	--
MW-4	3/2/2016	267.78	24.67	23.27	1.40	244.23	--
MW-4	6/6/2016	267.78	25.86	24.33	1.53	243.14	--
MW-4	9/12/2016	267.78	26.51	25.40	1.11	242.16	--
MW-4	12/12/2016	267.78	23.27	NP	--	244.51	--
MW-4	2/22/2017	267.78	22.63	22.56	0.07	245.21	--
MW-4	8/29/2017	267.78	26.50	24.82	1.68	242.62	NS
MW-4	3/13/2018	267.78	24.74	24.26	0.48	243.42	NS
MW-4	10/25/2018	267.78	26.76	26.48	0.28	241.24	NS
MW-4	2/20/2019	267.78	24.80	NP	--	242.97	NS
MW-4	5/14/2019	267.78	26.33	NP	--	241.44	NS
MW-4	8/27/2019	267.78	26.51	NP	--	241.25	NS
MW-4	11/25/2019	267.78	26.51	NP	--	241.24	NS
MW-4	3/26/2020	267.78	24.62	NP	--	243.12	--
MW-4	6/2/2020	267.78	24.65	NP	--	243.09	NS
MW-4	8/6/2020	267.78	26.29	26.15	0.14	241.56	NS
MW-4	12/10/2020	267.78	25.81	25.76	0.05	241.95	--
MW-4	3/8/2021	267.78	24.01	NP	--	243.71	--
MW-4	6/9/2021	267.78	25.28	NP	--	242.43	--
MW-4	9/13/2021	267.78	26.82	NP	--	240.88	--
MW-4	12/7/2021	267.78	24.36	NP	--	243.34	--
MW-4	3/8/2022	267.78	23.40	NP	--	244.29	--
MW-4	6/22/2022	267.78	25.41	NP	--	242.27	--
MW-4	9/22/2022	267.78	26.70	NP	--	240.98	IW
MW-4	11/29/2022	267.78	26.76	26.75	0.01	240.92	IW
MW-4	12/12/2022	267.78	23.49	NP	--	244.18	--
MW-4	2/27/2023	267.78	22.01	NP	--	245.66	--
MW-4	5/25/2023	267.78	--	--	--	--	--
MW-4	8/9/2023	267.78	25.96	NP	--	241.69	IW
MW-4	12/11/2023	267.78	18.73	NP	--	248.91	--
MW-4	2/6/2024	267.64	20.80	NP	--	246.84	--
MW-4	5/16/2024	267.64	26.04	NP	--	241.60	--
MW-4	9/10/2024	267.64	26.55	--	--	241.09	Dry
MW-4	12/30/2024	267.64	18.05	NP	--	249.59	--
MW-4	4/9/2025	267.64	21.06	NP	--	246.58	--
MW-5	5/11/1993	100.88	22.97	NP	--	77.91	--
MW-5	3/4/1994	100.88	24.35	NP	--	76.53	--
MW-5	7/6/1994	100.88	24.72	NP	--	76.16	--
MW-5	10/7/1994	100.88	25.02	NP	--	75.86	--
MW-5	12/28/1994	100.88	24.98	NP	--	75.90	--
MW-5	3/13/1995	100.88	24.41	NP	--	76.47	--
MW-5	6/30/1995	100.88	24.06	NP	--	76.82	--
MW-5	9/6/1995	100.88	24.27	NP	--	76.61	--
MW-5	12/8/1995	100.88	24.49	NP	--	76.39	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-5	3/11/1996	100.88	23.33	NP	--	77.55	--
MW-5	6/18/1996	100.88	22.91	NP	--	77.97	--
MW-5	9/9/1996	100.88	23.07	NP	--	77.81	--
MW-5	12/11/1996	100.88	23.13	NP	--	77.75	--
MW-5	3/13/1997	100.88	22.28	NP	--	78.60	--
MW-5	6/5/1997	100.88	21.78	NP	--	79.10	--
MW-5	9/5/1997	100.88	21.92	NP	--	78.96	--
MW-5	4/2/1998	100.88	21.35	NP	--	79.53	--
MW-5	6/8/1998	100.88	21.48	NP	--	79.40	--
MW-5	9/17/1998	100.88	22.12	NP	--	78.76	--
MW-5	12/9/1998	100.88	22.33	NP	--	78.55	--
MW-5	3/17/1999	100.88	20.93	NP	--	79.95	--
MW-5	6/26/1999	100.88	21.02	NP	--	79.86	--
MW-5	9/28/1999	100.88	21.76	NP	--	79.12	--
MW-5	1/19/2000	100.88	21.65	NP	--	79.23	--
MW-5	3/24/2000	100.88	21.48	NP	--	79.40	--
MW-5	7/2/2000	100.88	22.01	NP	--	78.87	--
MW-5	9/14/2000	100.88	22.59	NP	--	78.29	--
MW-5	12/14/2000	100.88	22.95	NP	--	77.93	--
MW-5	9/22/2001	100.88	23.86	NP	--	77.02	--
MW-5	12/9/2001	100.88	23.90	NP	--	76.98	--
MW-5	3/20/2002	100.88	23.13	NP	--	77.75	--
MW-5	6/11/2002	100.88	23.09	NP	--	77.79	--
MW-5	12/21/2002	100.88	24.65	NP	--	76.23	--
MW-5	3/19/2003	100.88	24.68	NP	--	76.20	--
MW-5	6/18/2003	100.88	24.37	NP	--	76.51	--
MW-5	9/23/2003	100.88	24.88	NP	--	76.00	--
MW-5	10/21/2003	100.88	24.99	NP	--	75.89	--
MW-5	6/29/2004	100.88	24.22	NP	--	76.66	--
MW-5	11/15/2004	100.88	24.97	NP	--	75.91	--
MW-5	4/14/2005	100.88	25.08	NP	--	75.80	--
MW-5	12/18/2005	100.88	25.47	NP	--	75.41	--
MW-5	6/11/2006	100.88	24.43	NP	--	76.45	--
MW-5	11/5/2006	100.88	25.55	NP	--	75.33	--
MW-5	9/25/2007	100.88	24.95	NP	--	75.93	--
MW-5	12/31/2007	100.88	25.16	NP	--	75.72	--
MW-5	5/29/2008	100.88	25.01	NP	--	75.87	--
MW-5	10/28/2008	100.88	25.89	NP	--	74.99	--
MW-5	6/22/2009	100.88	26.95	NP	--	73.93	--
MW-5	12/15/2009	100.88	26.57	NP	--	74.31	--
MW-5	5/24/2010	100.88	25.55	NP	--	75.33	--
MW-5	10/12/2010	268.46	25.74	NP	--	242.72	--
MW-5	5/10/2011	268.46	24.61	NP	--	243.85	--
MW-5	11/29/2011	268.46	25.55	NP	--	242.91	--
MW-5	6/1/2012	268.46	24.60	NP	--	243.86	--
MW-5	11/29/2012	268.46	25.31	NP	--	243.15	--
MW-5	5/9/2013	268.46	24.52	NP	--	243.94	--
MW-5	11/19/2013	268.46	26.35	NP	--	242.11	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-5	5/13/2014	268.46	25.18	NP	--	243.28	--
MW-5	5/7/2015	268.46	25.22	NP	--	243.24	--
MW-5	3/2/2016	268.46	25.55	NP	--	242.91	--
MW-5	6/6/2016	268.46	25.74	NP	--	242.72	--
MW-5	9/12/2016	268.46	27.43	NP	--	241.03	IW
MW-5	12/12/2016	268.46	25.36	NP	--	243.10	--
MW-5	2/22/2017	268.46	25.00	NP	--	243.46	--
MW-5	8/29/2017	268.46	26.20	NP	--	242.26	--
MW-5	3/13/2018	268.46	26.39	NP	--	242.07	--
MW-5	10/25/2018	268.46	27.13	NP	--	241.33	NS
MW-5	2/20/2019	268.46	27.33	NP	--	241.13	NS
MW-5	5/14/2019	268.46	27.24	NP	--	241.22	--
MW-5	8/27/2019	268.46	27.40	NP	--	241.07	NS
MW-5	11/25/2019	268.46	27.55	NP	--	240.92	NS
MW-5	3/25/2020	268.46	26.84	NP	--	241.63	--
MW-5	6/2/2020	268.46	26.80	NP	--	241.67	NS
MW-5	8/6/2020	268.46	27.03	NP	--	241.44	NS
MW-5	12/10/2020	268.46	--	--	--	--	Dry
MW-5	3/8/2021	268.46	26.06	NP	--	242.42	--
MW-5	6/9/2021	268.46	26.70	NP	--	241.78	--
MW-5	9/13/2021	268.46	--	--	--	--	Dry
MW-5	12/7/2021	268.46	--	--	--	--	Dry
MW-5	3/8/2022	268.46	26.61	NP	--	241.88	IW
MW-5	6/22/2022	268.46	26.90	NP	--	241.59	--
MW-5	9/22/2022	268.46	27.15	NP	--	241.34	IW
MW-5	11/29/2022	268.46	27.19	NP	--	241.30	IW
MW-5	12/12/2022	268.46	27.19	NP	--	241.30	--
MW-5	2/27/2023	268.46	--	--	--	--	Dry
MW-5	5/25/2023	268.46	27.62	NP	--	240.88	--
MW-5	8/9/2023	268.46	--	--	--	--	Dry
MW-5	2/6/2024	268.50	26.92	NP	--	241.58	--
MW-5	5/16/2024	268.50	26.96	NP	--	241.54	--
MW-5	9/10/2024	268.50	--	--	--	--	Dry
MW-5	12/30/2024	268.50	--	--	--	--	Dry
MW-5	4/9/2025	268.50	27.06	NP	--	241.44	IW
MW-6	9/5/1997	98.62	21.20	NP	--	77.42	--
MW-6	4/2/1998	98.62	19.70	NP	--	78.92	--
MW-6	6/8/1998	98.62	20.58	NP	--	78.04	--
MW-6	9/17/1998	98.62	21.87	NP	--	76.75	--
MW-6	12/9/1998	98.62	21.20	NP	--	77.42	--
MW-6	3/17/1999	98.62	18.49	NP	--	80.13	--
MW-6	6/26/1999	98.62	18.49	NP	--	80.13	--
MW-6	9/28/1999	98.62	21.40	NP	--	77.22	--
MW-6	1/19/2000	98.62	20.39	NP	--	78.23	--
MW-6	3/24/2000	98.62	19.63	NP	--	78.99	--
MW-6	9/14/2000	98.62	21.92	NP	--	76.70	--
MW-6	12/14/2000	98.62	22.51	NP	--	76.11	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-6	9/22/2001	98.62	23.31	NP	--	75.31	--
MW-6	12/9/2001	98.62	22.24	NP	--	76.38	--
MW-6	3/20/2002	98.62	21.44	NP	--	77.18	--
MW-6	6/11/2002	98.62	21.90	NP	--	76.72	--
MW-6	12/21/2002	98.62	--	--	--	--	NS
MW-6	3/19/2003	98.62	--	--	--	--	NS
MW-6	6/18/2003	98.62	--	--	--	--	NS
MW-6	9/23/2003	98.62	--	--	--	--	NS
MW-6	10/21/2003	98.62	22.69	NP	--	75.93	--
MW-6	6/29/2004	98.62	22.88	NP	--	75.74	--
MW-6	11/15/2004	98.62	24.12	NP	--	74.50	--
MW-6	4/14/2005	98.62	23.75	NP	--	74.87	--
MW-6	12/18/2005	98.62	24.79	NP	--	73.83	--
MW-6	6/11/2006	98.62	23.09	NP	--	75.53	--
MW-6	11/5/2006	98.62	25.80	NP	--	72.82	--
MW-6	9/25/2007	98.62	24.13	NP	--	74.49	--
MW-6	12/31/2007	98.62	23.59	NP	--	75.03	--
MW-6	5/29/2008	98.62	24.21	NP	--	74.41	--
MW-6	10/28/2008	98.62	25.47	NP	--	73.15	--
MW-6	6/22/2009	98.62	25.32	NP	--	73.30	--
MW-6	12/15/2009	98.62	23.33	NP	--	75.29	--
MW-6	5/24/2010	266.06	22.90	NP	--	243.16	--
MW-6	10/12/2010	266.06	23.06	NP	--	243.00	--
MW-6	5/10/2011	266.06	22.01	NP	--	244.05	--
MW-6	11/29/2011	266.06	23.42	NP	--	242.64	--
MW-6	6/1/2012	266.06	22.75	NP	--	243.31	--
MW-6	11/29/2012	266.06	--	--	--	--	NM
MW-6	5/9/2013	266.06	22.82	NP	--	243.24	--
MW-6	11/19/2013	266.06	24.00	NP	--	242.06	--
MW-6	5/13/2014	266.06	22.76	NP	--	243.30	--
MW-6	5/7/2015	266.06	23.71	NP	--	242.35	--
MW-6	6/6/2016	266.06	23.82	NP	--	242.24	--
MW-6	9/12/2016	266.06	25.22	NP	--	240.84	--
MW-6	12/12/2016	266.06	22.66	NP	--	243.40	--
MW-6	2/22/2017	266.06	21.24	NP	--	244.82	--
MW-6	8/29/2017	266.06	24.16	NP	--	241.90	--
MW-6	3/13/2018	265.97	23.04	NP	--	242.93	--
MW-6	10/25/2018	265.97	26.28	NP	--	239.69	--
MW-6	2/20/2019	265.97	13.90	NP	--	252.07	NS
MW-6	2/22/2019	265.97	14.14	NP	--	251.83	--
MW-6	5/14/2019	265.97	25.51	NP	--	240.47	NS
MW-6	8/27/2019	265.97	26.73	NP	--	239.25	--
MW-6	11/26/2019	265.97	26.86	NP	--	239.12	NS
MW-6	3/26/2020	265.97	15.40	NP	--	250.59	--
MW-6	6/2/2020	265.97	15.09	NP	--	250.90	--
MW-6	8/7/2020	265.97	26.00	NP	--	239.99	NS
MW-6	12/10/2020	265.97	14.24	NP	--	251.76	--
MW-6	3/8/2021	265.97	13.52	NP	--	252.48	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-6	6/9/2021	265.97	24.83	NP	--	241.18	--
MW-6	9/13/2021	265.97	26.14	NP	--	239.87	--
MW-6	12/7/2021	265.97	14.09	NP	--	251.92	--
MW-6	3/8/2022	265.97	15.19	NP	--	250.83	--
MW-6	6/22/2022	265.97	15.03	NP	--	250.99	--
MW-6	9/22/2022	265.97	25.64	NP	--	240.38	--
MW-6	11/29/2022	265.97	24.75	NP	--	241.27	--
MW-6	2/27/2023	265.97	18.10	NP	--	247.93	--
MW-6	5/25/2023	265.97	24.19	NP	--	241.84	--
MW-6	8/9/2023	265.97	25.14	NP	--	240.89	--
MW-6	12/11/2023	265.97	11.78	NP	--	254.26	--
MW-6	2/6/2024	266.04	20.73	NP	--	245.31	--
MW-6	5/16/2024	266.04	23.92	NP	--	242.12	--
MW-6	9/10/2024	266.04	25.52	NP	--	240.52	NS
MW-6	12/30/2024	266.04	15.10	NP	--	250.94	--
MW-7	4/2/1998	97.32	18.79	NP	--	78.53	--
MW-7	6/8/1998	97.32	19.60	NP	--	77.72	--
MW-7	9/17/1998	97.32	20.82	NP	--	76.50	--
MW-7	12/9/1998	97.32	20.21	NP	--	77.11	--
MW-7	3/17/1999	97.32	17.61	NP	--	79.71	--
MW-7	6/26/1999	97.32	19.29	NP	--	78.03	--
MW-7	12/14/2000	97.32	--	--	--	--	--
MW-7	12/9/2001	97.32	--	--	--	--	--
MW-7	3/20/2002	97.32	--	--	--	--	--
MW-7	6/11/2002	97.32	--	--	--	--	--
MW-7	6/18/2003	97.32	--	--	--	--	AB
MW-8	4/2/1998	98.49	19.99	NP	--	78.50	--
MW-8	6/8/1998	98.49	20.39	NP	--	78.10	--
MW-8	9/17/1998	98.49	21.21	NP	--	77.28	--
MW-8	12/9/1998	98.49	21.03	NP	--	77.46	--
MW-8	3/17/1999	98.49	19.03	NP	--	79.46	--
MW-8	6/26/1999	98.49	20.02	NP	--	78.47	--
MW-8	12/14/2000	98.49	--	--	--	--	--
MW-8	12/9/2001	98.49	--	--	--	--	--
MW-8	3/20/2002	98.49	--	--	--	--	--
MW-8	6/11/2002	98.49	--	--	--	--	--
MW-8	6/18/2003	98.49	--	--	--	--	AB
MW-9	10/12/2010	263.35	23.89	NP	--	239.46	--
MW-9	5/10/2011	263.35	20.70	NP	--	242.65	--
MW-9	11/29/2011	263.35	22.64	NP	--	240.71	--
MW-9	6/1/2012	263.35	--	--	--	--	NM
MW-9	11/29/2012	263.35	--	--	--	--	NM
MW-9	5/9/2013	263.35	21.09	NP	--	242.26	--
MW-9	11/19/2013	263.35	22.80	NP	--	240.55	--
MW-9	5/13/2014	263.35	21.39	NP	--	241.96	--
MW-9	5/7/2015	263.35	22.04	NP	--	241.31	--

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4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	3/2/2016	263.35	22.29	NP	--	241.06	NS
MW-9	6/6/2016	263.35	22.01	NP	--	241.34	NS
MW-9	9/12/2016	263.35	23.43	NP	--	239.92	--
MW-9	2/22/2017	263.35	21.71	NP	--	241.64	NS
MW-9	8/29/2017	263.35	22.47	NP	--	240.88	--
MW-9	3/13/2018	263.35	21.78	NP	--	241.57	NS
MW-9	10/25/2018	263.35	24.61	NP	--	238.74	--
MW-9	2/20/2019	263.35	23.27	NP	--	240.08	--
MW-9	5/13/2019	263.35	23.78	NP	--	239.57	--
MW-9	8/27/2019	263.35	25.09	NP	--	238.26	--
MW-9	11/26/2019	263.35	25.60	NP	--	237.75	--
MW-9	3/26/2020	263.35	23.72	NP	--	239.63	--
MW-9	6/2/2020	263.35	23.76	NP	--	239.59	--
MW-9	8/7/2020	263.35	24.48	NP	--	238.88	--
MW-9	12/10/2020	263.35	24.33	NP	--	239.03	--
MW-9	3/8/2021	263.35	23.00	NP	--	240.36	--
MW-9	6/9/2021	263.35	23.02	NP	--	240.34	--
MW-9	9/13/2021	263.35	24.60	NP	--	238.76	--
MW-9	12/7/2021	263.35	23.47	NP	--	239.89	--
MW-9	9/22/2022	263.35	23.66	NP	--	239.70	--
MW-9	11/29/2022	263.35	23.65	NP	--	239.72	--
MW-9	5/25/2023	263.35	22.40	NP	--	240.97	--
MW-9	8/9/2023	263.35	22.85	NP	--	240.52	--
MW-9	12/11/2023	263.35	20.29	NP	--	243.08	--
MW-9	2/6/2024	263.37	21.88	NP	--	241.49	--
MW-9	5/16/2024	263.37	21.80	NP	--	241.57	--
MW-9	9/10/2024	263.37	23.35	NP	--	240.02	NS
MW-9	12/30/2024	263.37	23.24	NP	--	240.13	--
MW-10	6/1/2012	268.30	24.20	NP	--	244.10	--
MW-10	11/29/2012	268.30	25.00	NP	--	243.30	--
MW-10	5/9/2013	268.30	24.25	NP	--	244.05	--
MW-10	11/19/2013	268.30	25.80	NP	--	242.50	--
MW-10	5/13/2014	268.30	24.78	NP	--	243.52	--
MW-10	5/7/2015	268.30	24.84	NP	--	243.46	--
MW-10	9/12/2016	268.30	26.52	NP	--	241.78	--
MW-10	8/29/2017	268.30	25.93	NP	--	242.37	--
MW-11	10/25/2018	266.38	26.40	NP	--	239.98	--
MW-11	2/20/2019	266.38	25.49	NP	--	240.89	--
MW-11	5/13/2019	266.38	25.99	NP	--	240.39	--
MW-11	8/27/2019	266.38	26.83	NP	--	239.55	--
MW-11	11/25/2019	266.38	27.13	NP	--	239.26	--
MW-11	3/25/2020	266.38	25.39	NP	--	241.00	--
MW-11	6/2/2020	266.38	25.34	NP	--	241.06	--
MW-11	8/6/2020	266.38	25.79	NP	--	240.61	--
MW-11	12/10/2020	266.38	26.25	NP	--	240.15	--
MW-11	3/8/2021	266.38	24.40	NP	--	242.01	--
MW-11	6/9/2021	266.38	25.12	NP	--	241.29	--

Table 1
Groundwater Gauging Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-11	9/13/2021	266.38	26.32	NP	--	240.10	--
MW-11	12/7/2021	266.38	25.70	NP	--	240.72	--
MW-11	9/22/2022	266.38	26.16	NP	--	240.27	--
MW-11	11/29/2022	266.38	26.41	NP	--	240.02	--
MW-11	2/27/2023	266.38	25.41	NP	--	241.03	--
MW-11	5/25/2023	266.38	25.45	NP	--	240.99	--
MW-11	8/9/2023	266.38	25.83	NP	--	240.61	--
MW-11	12/11/2023	266.38	25.11	NP	--	241.34	--
MW-11	2/6/2024	266.45	24.01	NP	--	242.44	--
MW-11	5/16/2024	266.45	24.67	NP	--	241.78	--
MW-11	9/10/2024	266.45	26.17	NP	--	240.28	NS
MW-11	12/30/2024	266.45	25.94	NP	--	240.51	--
MW-12	10/25/2018	266.51	27.39	NP	--	239.12	--
MW-12	2/20/2019	266.51	26.21	NP	--	240.30	--
MW-12	5/13/2019	266.51	26.78	NP	--	239.74	--
MW-12	8/27/2019	266.51	27.82	NP	--	238.70	--
MW-12	11/25/2019	266.51	28.19	NP	--	238.33	--
MW-12	3/26/2020	266.51	26.50	NP	--	240.02	--
MW-12	6/2/2020	266.51	26.53	NP	--	240.00	--
MW-12	8/6/2020	266.51	27.05	NP	--	239.48	--
MW-12	12/10/2020	266.51	27.31	NP	--	239.22	--
MW-12	3/8/2021	266.51	25.32	NP	--	241.21	--
MW-12	6/9/2021	266.51	26.11	NP	--	240.43	--
MW-12	9/13/2021	266.51	27.40	NP	--	239.14	--
MW-12	12/7/2021	266.51	26.55	NP	--	239.99	--
MW-12	9/22/2022	266.51	26.87	NP	--	239.68	--
MW-12	11/29/2022	266.51	27.05	NP	--	239.50	--
MW-12	2/27/2023	266.51	25.85	NP	--	240.70	--
MW-12	5/25/2023	266.51	25.71	NP	--	240.84	--
MW-12	8/9/2023	266.51	26.00	NP	--	240.56	--
MW-12	12/11/2023	266.51	24.82	NP	--	241.74	--
MW-12	2/6/2024	266.56	23.81	NP	--	242.75	--
MW-12	5/16/2024	266.56	24.99	NP	--	241.57	--
MW-12	9/10/2024	266.56	26.61	NP	--	239.95	--
MW-12	12/30/2024	266.56	26.20	NP	--	240.36	--
MW-13	2/6/2024	265.51	19.39	NP	--	246.12	--
MW-13	5/16/2024	265.51	23.00	NP	--	242.51	--
MW-13	9/10/2024	265.51	24.96	NP	--	240.55	--
MW-13	12/30/2024	265.51	21.25	NP	--	244.26	--
MW-13	4/9/2025	265.51	22.50	NP	--	243.01	--
MW-14	2/6/2024	266.17	21.64	NP	--	244.53	--
MW-14	5/16/2024	266.17	24.00	NP	--	242.17	--
MW-14	9/10/2024	266.17	25.63	NP	--	240.54	--
MW-14	12/30/2024	266.17	22.59	NP	--	243.58	--

Table 1
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4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-15	2/6/2024	268.67	26.99	NP	--	241.68	--
MW-15	5/16/2024	268.67	27.24	NP	--	241.43	--
MW-15	9/10/2024	268.67	28.43	NP	--	240.24	--
MW-15	12/30/2024	268.67	28.21	NP	--	240.46	--
MW-16	2/6/2024	268.03	26.24	NP	--	241.79	--
MW-16	5/16/2024	268.03	26.29	NP	--	241.74	--
MW-16	9/10/2024	268.03	27.55	NP	--	240.48	--
MW-16	12/30/2024	268.03	27.72	NP	--	240.31	--
VE-1	4/2/1998	--	--	--	--	--	--
VE-1	9/17/1998	--	--	--	--	--	--
VE-1	12/9/1998	--	--	--	--	--	--
VE-1	3/17/1999	--	--	--	--	--	--
VE-1	6/26/1999	--	--	--	--	--	--
VE-1	9/28/1999	--	--	--	--	--	--
VE-1	3/24/2000	--	--	--	--	--	--
VE-1	7/2/2000	--	--	--	--	--	--
VE-1	9/14/2000	--	--	--	--	--	--
VE-1	12/14/2000	--	23.02	NP	--	--	--
VE-1	9/22/2001	--	24.22	NP	--	--	--
VE-1	12/9/2001	--	23.90	23.83	0.07	--	--
VE-1	3/20/2002	--	23.30	23.25	0.05	--	--
VE-1	6/11/2002	--	23.25	23.14	0.11	--	--
VE-1	12/21/2002	--	24.89	NP	--	--	--
VE-1	3/19/2003	--	24.71	NP	--	--	--
VE-1	6/18/2003	--	24.50	24.45	0.05	--	--
VE-1	9/23/2003	--	25.01	24.98	0.03	--	--
VE-1	10/22/2003	--	24.98	24.81	0.17	--	--
VE-1	6/29/2004	--	25.12	NP	--	--	--
VE-1	11/15/2004	--	25.40	24.79	0.61	--	--
VE-1	4/14/2005	--	26.15	24.84	1.31	--	--
VE-1	12/18/2005	--	26.00	25.65	0.35	--	--
VE-1	6/11/2006	--	26.53	NP	--	--	--
VE-1	11/5/2006	--	26.33	25.88	0.45	--	--
VE-1	9/25/2007	--	25.02	24.88	0.14	--	--
VE-1	12/31/2007	--	--	--	--	--	NS
VE-1	5/29/2008	--	25.63	24.79	0.84	--	--
VE-1	10/28/2008	--	26.07	25.80	0.27	--	--
VE-1	6/22/2009	--	--	--	--	--	Dry
VE-1	12/15/2009	--	26.56	26.50	0.06	--	--
VE-1	5/24/2010	268.17	26.70	NP	--	241.47	NS
VE-1	5/10/2011	268.17	--	--	--	--	NM
VE-1	11/29/2012	268.17	24.05	23.95	0.10	244.20	--
VE-1	5/9/2013	268.17	24.23	NP	--	243.94	NS
VE-1	11/19/2013	268.17	26.35	25.80	0.55	242.26	--
VE-1	5/13/2014	268.17	25.20	24.80	0.40	243.29	--
VE-1	5/7/2015	268.17	25.40	24.79	0.61	243.26	--

Table 1
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4580 Fauntleroy Way Southwest, Seattle, Washington

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
VE-1	3/2/2016	268.17	24.99	NP	--	243.18	NS
VE-2	5/7/2015	--	--	--	--	--	Dry
VE-2	3/2/2016	--	13.84	NP	--	--	NS
VE-3	3/2/2016	--	12.99	NP	--	--	NS
VE-4	3/2/2016	--	14.45	NP	--	--	NS
VE-5	3/2/2016	--	14.15	NP	--	--	NS

Definitions:
TOC = Top of Casing.
ft = Feet.
LNAPL = Light Non-Aqueous Phase Liquid.
* = Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75).
NAVD 88 = North American Vertical Datum of 1988.
NAD 83/98 = North American Datum of 1983 (1998).
-- = No Information Available.
NP = No Product.
Dry = Well Dry.
AB = Well Abandoned.
IW = Insufficient volume of water in the well to collect representative sample.
NM = Not Measured.
NS = Not Sampled.

Notes:
Wells were resurveyed in 2010 and are referenced to vertical datum NAVD 88 and horizontal datum NAD 83/98.
Data collected at MW-1, MW-4, and MW-5 on 12/12/2022 was prior to PetroFix® injection for baseline readings.

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
Well ID	Date															
GMW-1	5/10/2011	2.4	< 1.0	69.7	94.8	< 1.0	--	--	--	**5,930**	**1,900**	--	< 420	--	--	**28.4**
GMW-1	11/29/2011	< 1.0	< 1.0	86.9	113	--	--	--	--	**6,080**	**610**	--	< 380	--	--	< 10
GMW-1	5/9/2013	< 1.0	< 1.0	4.4	4.6	< 1.0	--	--	--	**1,010**	< 420	--	< 420	--	< 10	< 10
GMW-1	11/19/2013	< 0.50	< 0.70	6.6	6.8	< 0.50	--	--	--	**1,400**	**2,500**	--	< 73	--	1.2	**16.7**
GMW-1	5/14/2014	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	590	**560**	--	< 66	--	< 4.7	< 4.7
GMW-1	5/7/2015	< 0.50	< 0.50	10	10	< 0.50	--	--	--	**1,600**	480	--	< 66	--	< 4.7	< 4.7
GMW-1	3/2/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	**1,400**	< 46	--	< 100	--	--	--
GMW-1	6/6/2016	< 0.50	< 0.50	5.3	4.0	< 0.50	--	--	--	**3,300**	130	--	< 100	--	--	--
GMW-1	9/12/2016	< 0.50	< 0.50	32	34	< 0.50	--	--	--	**4,600**	210	--	< 67	--	--	--
GMW-1	12/12/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	350	< 50	--	400	--	--	--
GMW-1	2/22/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	82.2 J	< 82.5	--	< 165	--	--	--
GMW-1	8/29/2017	< 0.331	0.480 J	2.45	2.66 J	< 0.367	--	--	--	**2,070**	216	--	104 J	--	--	--
GMW-1	3/13/2018	< 1.0	< 1.0	0.394 J	< 3.0	< 1.0	--	--	--	**2,500**	99.7 J	--	< 250	--	--	--
GMW-1	10/25/2018	< 1.0	< 1.0	9.58	12.8	< 1.0	< 0.0100	< 1.0	--	**4,200**	**9,050**	--	346 J	--	14.5	**16.2**
GMW-1	2/20/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	773 B	143 J	--	< 83.3	--	< 1.90	< 1.90
GMW-1	5/13/2019	< 0.331	< 0.412	2.36	4.18	< 0.367	< 0.00240	< 0.361	--	**985**	**771**	--	< 83.3	--	--	< 1.90
GMW-1	8/27/2019	< 0.0896	< 0.412	12	13.9	< 0.102	< 0.00240	< 0.108	--	**2,750**	**777**	--	< 167	--	--	8.01
GMW-1	3/25/2020	0.171 J	< 0.412	1.1	1.06 J	< 0.102	< 0.00240	< 0.108	--	594	409	--	< 83.3	--	--	< 1.90
GMW-1	6/2/2020	< 0.0941	< 0.278	0.216 J	0.210 J	< 0.101	< 0.00536	< 0.0819	--	**1,840**	--	--	--	--	--	< 2.95
GMW-1	8/6/2020	0.242 J	1.98	4.55	4.15	< 0.101	< 0.00536	< 0.0819	--	**1,400**	**751**	--	< 83.3	--	--	3.04 J
GMW-1	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	< 120	--	< 370	--	< 10	< 10
GMW-1	6/9/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	**2,200**	420	--	< 370	--	< 2.0	< 2.0
GMW-1	9/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	700	**2,600**	--	< 350	--	< 2.0	3.2
GMW-1	12/7/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	590	360	--	< 360	--	< 2.0	< 2.0
GMW-1	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	260	--	< 270	--	< 0.50	1.9
GMW-1	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	150	--	< 360	--	< 2.0	2.3
GMW-1	2/27/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	180	--	< 370	--	< 2.0	< 2.0
GMW-1	5/25/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	200	--	< 370	--	< 2.0	**74**
MW-1	5/11/1993	**82**	11	8.0	14	--	--	--	--	**3,300**	--	--	--	--	--	--
MW-1	3/4/1994	**6.0**	3.0	3.0	11	--	--	--	--	**830**	**580**	--	--	--	< 3.0	**38**
MW-1	7/6/1994	5.0	< 0.50	2.0	10	--	--	--	--	**900**	< 250	--	--	--	--	--
MW-1	10/7/1994	**6.0**	< 0.50	3.0	11	--	--	--	--	**1,500**	--	--	--	--	--	--
MW-1	12/28/1994	5.0	< 0.50	2.0	7.0	--	--	--	--	**1,400**	--	--	--	--	--	--
MW-1	3/13/1995	**16**	< 0.50	3.0	9.0	--	--	--	--	**1,400**	--	--	--	--	--	--
MW-1	6/30/1995	4.0	< 0.50	3.0	7.0	--	--	--	--	**1,400**	--	--	--	--	--	--
MW-1	9/6/1995	5.0	< 0.50	3.0	6.0	--	--	--	--	**1,300**	--	--	--	--	--	--
MW-1	12/8/1995	**7.0**	2.0	2.0	7.0	--	--	--	--	**1,300**	--	--	--	--	--	--
MW-1	3/11/1996	3.0	< 0.50	< 0.50	1.0	--	--	--	--	**900**	--	--	--	--	--	--
MW-1	6/18/1996	1.0	1.0	< 0.50	2.0	--	--	--	--	400	--	--	--	--	--	--
MW-1	9/9/1996	2.0	< 0.50	1.0	1.0	13	--	--	--	600	--	--	--	--	--	--
MW-1	12/11/1996	4.0	2.0	2.0	4.0	< 10	--	--	--	710	--	--	--	--	--	--
MW-1	3/13/1997	< 0.50	< 0.50	< 0.50	< 1.0	< 5	--	--	--	100	--	--	--	--	--	--
MW-1	6/5/1997	2.0	2.0	< 0.50	< 1.5	5.0	--	--	--	250	--	--	--	--	--	--
MW-1	9/5/1997	**8.0**	4.0	2.0	6.0	8.0	--	--	--	300	--	--	--	--	--	--
MW-1	4/2/1998	1.0	3.0	< 0.50	< 1.5	< 5.0	--	--	--	210	--	--	--	--	--	--
MW-1	6/8/1998	< 0.50	3.0	1.0	4.0	6.0	--	--	--	300	--	--	--	--	--	--
MW-1	12/9/1998	< 0.50	< 5.0	< 5.0	< 5.0	< 5.0	--	--	--	< 500	--	--	--	--	--	--
MW-1	6/26/1999	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 100	--	--	--	--	--	--
MW-1	1/19/2000	< 0.50	4.0	1.0	3.0	< 0.50	--	--	--	< 50	--	--	--	--	--	--
MW-1	7/2/2000	1.0	< 0.50	1.0	2.0	2.0	--	--	--	120	--	--	--	--	--	--
MW-1	12/14/2000	< 10	19	< 10	< 30	< 40	--	--	--	**1,700**	--	--	--	--	--	--
MW-1	10/21/2003	**32.5**	4.61	17.3	19.2	< 1.0	--	--	--	**3,270**	--	--	--	--	--	--
MW-1	12/18/2005	**10.8**	2.04	1.23	2.76	< 1.0	--	--	--	**2,960**	--	--	--	--	--	--
MW-1	6/11/2006	**11.4**	1.12	1.6	2.34	19.8	--	--	--	**1,840**	--	--	--	--	--	--
MW-1	11/5/2006	**73.2**	6.12	2.04	< 6.00	--	--	--	--	**3,880**	--	--	--	--	--	--
MW-1	9/25/2007	**27.8**	1.67	0.86	< 3.0	--	--	--	--	**1,640**	--	--	--	--	--	--
MW-1	12/31/2007	**22.7**	1.34	1.03	< 3.0	--	--	--	--	**1,970**	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-1	5/29/2008	3.58	0.58	< 0.50	< 3.0	--	--	--	--	**2,370**	--	--	--	--	--	--
MW-1	10/28/2008	2.8	1.07	< 0.50	< 3.0	--	--	--	--	**1,450**	--	--	--	--	--	--
MW-1	6/22/2009	**30**	5.7	24	30.5	--	--	--	--	**2,200**	--	--	--	--	< 2.0	4.9
MW-1	12/15/2009	**11**	2.0	4.8	3.6	--	--	--	--	**1,500**	--	--	--	--	< 2.0	3.8
MW-1	5/24/2010	**18**	< 2.5	< 2.5	6.4	--	--	--	--	**940**	--	--	--	--	--	--
MW-1	10/12/2010	2.8	< 1.0	1.2	< 3.0	5.2	--	--	--	**849**	--	--	--	--	--	< 10
MW-1	5/10/2011	**17.8**	6.6	1.8	10.9	2.5	--	--	--	642	**840**	--	< 420	--	--	< 10
MW-1	11/29/2011	**5.5**	< 1.0	< 1.0	< 3.0	--	--	--	--	**815**	< 75	--	< 380	--	--	10.3
MW-1	6/1/2012	3.6	< 1.0	< 1.0	3.0	7.4	--	--	--	544	362	--	< 396	--	< 10	< 10
MW-1	11/29/2012	1.2	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	**1,320**	< 430	--	< 430	--	< 3.0	11.3
MW-1	5/9/2013	**6.3**	< 1.0	< 1.0	4.1	1.6	--	--	--	557	**620**	--	< 430	--	< 10	< 10
MW-1	11/19/2013	1.9 J	< 0.70	< 0.80	1.7 J	1.5 J	--	--	--	470	400	--	320	--	0.15 J	4.8
MW-1	5/13/2014	1.4	< 0.50	< 0.50	0.57 J	0.67 J	--	--	--	490	250	--	110 J	--	< 4.7	6.9 J
MW-1	5/7/2015	1.2	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	610	270	--	190 J	--	7.1 J	**18.7**
MW-1	3/2/2016	1.2	< 0.50	0.77 J	3.0	< 0.50	--	--	--	460	140	--	< 110	--	--	--
MW-1	2/22/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	212	447	--	222 J	--	--	--
MW-1	8/29/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	526	**611**	--	450	--	--	--
MW-1	3/13/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	298 B	369	--	352	--	--	--
MW-1	2/22/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	< 31.6	369	--	322	--	< 1.90	< 1.90
MW-1	5/14/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	40.0 J	271	--	220 J	--	< 1.90	< 1.90
MW-1	3/26/2020	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	104 B	339	--	131 J	--	--	< 1.90
MW-1	6/3/2020	< 0.0941	< 0.278	< 0.137	< 0.174	< 0.101	< 0.00536	< 0.0819	--	160	--	--	--	--	--	< 2.95
MW-1	8/6/2020	0.133 J	< 0.278	< 0.137	< 0.174	< 0.101	< 0.00536	< 0.0819	--	186 B	261	--	101 J	--	--	< 2.95
MW-1	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	410	--	360	--	< 10	< 10
MW-1	6/9/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	**510**	--	< 350	--	< 2.0	< 2.0
MW-1	3/8/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	100	**1,700**	--	**930**	--	< 2.0	< 2.0
MW-1	6/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	**630**	--	< 250	--	< 0.50	< 0.50
MW-1	2/6/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	< 100	**610**	--	**620**	--	< 2.0	< 2.0
MW-1	5/16/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	< 150	**650**	--	**560**	--	< 2.0	< 2.0
MW-2	5/11/1993	**2,500**	48	100	240	--	--	--	--	**17,000**	--	--	--	--	--	--
MW-2	3/4/1994	**1,500**	20	130	180	--	--	--	--	**4,300**	**1,300**	--	--	--	< 3.0	5.0
MW-2	7/6/1994	**1,100**	16	53	97	--	--	--	--	**4,400**	390	--	--	--	--	--
MW-2	10/7/1994	**1,100**	18	57	82	--	--	--	--	**4,400**	--	--	--	--	--	--
MW-2	12/28/1994	**250**	5.0	13	14	--	--	--	--	**2,100**	--	--	--	--	--	--
MW-2	3/13/1995	**200**	12	29	50	--	--	--	--	**2,700**	--	--	--	--	--	--
MW-2	6/30/1995	**400**	8.0	50	39	--	--	--	--	**3,400**	--	--	--	--	--	--
MW-2	9/6/1995	**350**	8.0	50	35	--	--	--	--	**3,400**	--	--	--	--	--	--
MW-2	12/8/1995	**610**	5.0	29	36	--	--	--	--	**3,100**	--	--	--	--	--	--
MW-2	3/11/1996	**280**	12	100	120	--	--	--	--	**5,400**	--	--	--	--	--	--
MW-2	6/18/1996	**280**	12	130	56	--	--	--	--	**4,500**	--	--	--	--	--	--
MW-2	9/9/1996	**790**	5.0	78	35	< 1.0	--	--	--	**4,100**	--	--	--	--	--	--
MW-2	12/11/1996	**460**	13	65	41	**43**	--	--	--	**3,700**	--	--	--	--	--	--
MW-2	3/13/1997	**140**	12	130	48	< 50	--	--	--	**3,200**	--	--	--	--	--	--
MW-2	6/5/1997	**160**	22	180	79	< 100	--	--	--	**3,400**	--	--	--	--	--	--
MW-2	4/2/1998	**170**	51	35	210	< 50	--	--	--	**4,700**	--	--	--	--	--	--
MW-2	6/8/1998	**420**	26	150	75	**140**	--	--	--	**3,800**	--	--	--	--	--	--
MW-2	9/17/1998	**720**	15	79	44	< 5.0	--	--	--	**2,900**	--	--	--	--	--	--
MW-2	12/9/1998	**520**	8.0	100	62	< 5.0	--	--	--	**4,500**	--	--	--	--	--	--
MW-2	3/17/1999	**19**	27	300	230	< 5.0	--	--	--	**5,000**	--	--	--	--	--	--
MW-2	6/26/1999	**400**	29	160	130	13	--	--	--	**3,400**	--	--	--	--	--	--
MW-2	9/28/1999	**690**	20	23	110	**87**	--	--	--	**7,300**	--	--	--	--	--	--
MW-2	1/19/2000	**920**	20	260	74	< 0.50	--	--	--	**8,700**	--	--	--	--	--	--
MW-2	3/24/2000	**310**	79	240	97	< 5.0	--	--	--	**10,000**	--	--	--	--	--	--
MW-2	7/2/2000	**520**	35	190	85	**49**	--	--	--	**8,200**	--	--	--	--	--	--
MW-2	9/14/2000	**1,100**	100	110	100	< 5.0	--	--	--	**14,000**	--	--	--	--	--	--
MW-2	12/14/2000	**740**	< 10	68	< 30	< 40	--	--	--	**15,000**	--	--	--	--	--	--
MW-2	9/22/2001	**180**	9.0	240	110	20	--	--	--	**12,000**	--	--	--	--	--	--
MW-2	12/9/2001	**310**	9.5	100	96	< 4.0	--	--	--	**14,000**	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

	CONSTITUENT	B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
	UNIT	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-2	3/20/2002	**250**	< 5.0	220	98	**280**	--	--	--	**15,000**	--	--	--	--	--	--
MW-2	6/11/2002	**290**	< 10	160	57	< 40	--	--	--	**13,000**	--	--	--	--	--	--
MW-2	12/21/2002	**111**	13.4	211	70.3	**148**	--	--	--	**5,970**	--	--	--	--	--	--
MW-2	3/19/2003	**79.9**	8.71	156	55	< 25.0	--	--	--	**5,270**	--	--	--	--	--	--
MW-2	6/18/2003	**36.7**	14.7	245	119	**143**	--	--	--	**6,770**	--	--	--	--	--	--
MW-2	9/23/2003	**40.5**	15.8	179	103	< 20.0	--	--	--	**6,490**	--	--	--	--	--	--
MW-2	10/21/2003	**31.1**	9.38	86	61	< 1.0	--	--	--	**4,600**	--	--	--	--	--	--
MW-2	6/29/2004	**17.8**	11.2	228	76.5	**95.2**	--	--	--	**5,550**	--	--	--	--	--	--
MW-2	11/15/2004	**12.3**	6.11	135	63.3	< 2.0	--	--	--	**5,670**	--	--	--	--	--	--
MW-2	4/14/2005	**130**	2.8	41.8	26.6	< 2.0	--	--	--	**4,680**	--	--	--	--	--	--
MW-2	12/18/2005	**122**	3.5	43.9	27.8	< 5.0	--	--	--	**5,700**	--	--	--	--	--	--
MW-2	6/11/2006	4.48	5.8	118	56.7	< 2.0	--	--	--	**5,450**	--	--	--	--	--	--
MW-2	11/5/2006	**263**	< 5.0	46.2	< 30	--	--	--	--	**7,490**	--	--	--	--	--	--
MW-2	9/25/2007	**715**	9.74	50.8	64	--	--	--	--	**7,530**	--	--	--	--	--	--
MW-2	12/31/2007	**477**	10.6	69.3	76.3	--	--	--	--	**6,000**	--	--	--	--	--	--
MW-2	5/29/2008	**648**	11.1	55.9	48.4	--	--	--	--	**9,600**	--	--	--	--	--	--
MW-2	10/28/2008	**1,430**	16	194	145	--	--	--	--	**10,300**	--	--	--	--	--	--
MW-2	6/22/2009	**1,200**	40	100	130	--	--	--	--	**4,800**	--	--	--	--	< 2.0	< 2.0
MW-2	12/15/2009	**1,600**	8.2	66	82	--	--	--	--	**4,300**	--	--	--	--	< 2.0	< 2.0
MW-2	5/24/2010	**320**	7.7	69	84	--	--	--	--	**4,200**	--	--	--	--	--	--
MW-2	10/12/2010	**1,890**	14.8	54.8	39.7	15.5	--	--	--	**3,590**	--	--	--	--	--	< 10
MW-2	5/10/2011	**281**	4.2	69.9	49.9	7.3	--	--	--	**5,520**	**1,000**	--	**2,000**	--	--	< 10
MW-2	11/29/2011	**549**	7.0	82.6	61.6	--	--	--	--	**5,640**	98	--	< 380	--	--	< 10
MW-2	6/1/2012	**107**	12.7	64.2	46.1	5.0	--	--	--	**2,940**	**2,240**	--	**3,080**	--	< 10	10
MW-2	11/29/2012	**399**	10.2	187	154	14.7	--	--	--	**10,400**	**2,100**	--	**760**	--	3.2	7.7
MW-2	5/9/2013	**42.9**	6.2	115	35.4	< 5.0	--	--	--	**3,660**	**1,700**	--	< 400	--	< 10	12.3
MW-2	11/19/2013	**7.3**	4.4 J	17	40	6.3	--	--	--	**1,400**	280	--	100 J	--	3.2	9.8
MW-2	5/13/2014	**79**	3.3 J	58	20	6.0	--	--	--	**3,100**	**1,800**	--	**880**	--	< 4.7	6.6 J
MW-2	5/7/2015	**33**	6.1	91	32	2.4	--	--	--	**2,700**	**1,900**	--	**690**	--	< 4.7	**34.1**
MW-2	3/2/2016	**54**	5.3 J	94	26	< 5.0	--	--	--	**5,100**	**1,600**	--	< 100	--	--	--
MW-2	6/6/2016	**43**	4.9	92	21	1.1 J	--	--	--	**5,000**	**880**	--	**790**	--	--	--
MW-2	9/12/2016	**130**	6.5	83	20	2.2	--	--	--	**5,000**	**710**	--	**660**	--	--	--
MW-2	12/12/2016	4.1	0.74 J	12	10	< 0.50	--	--	--	**1,000**	**590**	--	< 110	--	--	--
MW-2	2/22/2017	< 0.331	< 0.412	2.06	2.08 J	< 0.367	--	--	--	**1,310**	**1,370**	--	321 J	--	--	--
MW-2	8/29/2017	**27.4**	10.7	90.9	29.4	< 0.367	--	--	--	**10,000**	**1,070**	--	242 J	--	--	--
MW-2	3/13/2018	**7.65**	11.5	90.0	14.6	< 1.0	--	--	--	**3,110**	**2,360**	--	**742**	--	--	--
MW-2	10/25/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.0100	< 1.0	--	171 B	**788**	--	444	--	0.623 J	**25.5**
MW-2	2/20/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	85.8 BJ	199 J	--	175 J	--	< 1.90	< 1.90
MW-2	5/14/2019	1.45	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	40.0 J	250	--	197 J	--	--	< 1.90
MW-2	11/26/2019	0.883 J	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	256 B	414	--	**706**	--	< 1.90	**79.2**
MW-2	3/26/2020	1.39	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	134 B	**2,400**	--	456	--	--	8.84
MW-2	6/3/2020	0.307 J	< 0.278	0.337 J	1.52 J	< 0.101	< 0.00536	< 0.0819	--	**3,320**	--	--	--	--	--	8.7
MW-2	8/7/2020	0.910 J	349 J	0.452 J	1.36 J	< 0.101	< 0.00536	< 0.0819	--	377 B	**4,300**	--	431	--	--	< 2.95
MW-2	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	590	190	--	< 350	--	< 4.0	< 4.0
MW-2	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	590	190	--	< 350	--	< 4.0	< 4.0
MW-2	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	300	--	< 370	--	< 10	< 10
MW-2	6/9/2021	1.3	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	410	**1,200**	--	< 350	--	< 2.0	< 2.0
MW-2	12/7/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	220	--	420	--	< 2.0	< 2.0
MW-2	3/8/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	140	--	< 380	--	< 2.0	< 2.0
MW-2	6/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 100	--	< 260	--	< 0.50	< 0.50
MW-2	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	230	--	< 260	--	< 0.50	1.4
MW-2	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0 F1	< 1.0	--	--	--	< 250	120	--	< 360	--	< 2.0	< 2.0
MW-2	2/27/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	< 120	--	< 370	--	< 2.0	< 2.0
MW-3	6/7/1993	**140**	7.0	13	14	--	--	--	--	**2,200**	--	--	--	--	--	--
MW-3	3/4/1994	**99**	2.0	11	10	--	--	--	--	**1,200**	**590**	--	--	--	< 3.0	4.0
MW-3	7/6/1994	**44**	6.0	26	27	--	--	--	--	**1,500**	270	--	--	--	--	--
MW-3	10/7/1994	**63**	4.0	16	13	--	--	--	--	**1,500**	--	--	--	--	--	--
MW-3	12/28/1994	**77**	3.0	13	9.0	--	--	--	--	**1,800**	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-3	3/13/1995	**87**	4.0	18	10	--	--	--	--	**1,700**	--	--	--	--	--	--
MW-3	6/30/1995	**90**	3.0	52	13	--	--	--	--	**1,800**	--	--	--	--	--	--
MW-3	9/6/1995	**96**	3.0	41	14	--	--	--	--	**1,700**	--	--	--	--	--	--
MW-3	12/8/1995	**73**	4.0	23	15	--	--	--	--	**1,800**	--	--	--	--	--	--
MW-3	3/11/1996	**120**	11	170	36	--	--	--	--	**2,800**	--	--	--	--	--	--
MW-3	6/18/1996	**150**	18	320	59	--	--	--	--	**3,500**	--	--	--	--	--	--
MW-3	9/9/1996	**62**	16	220	96	15	--	--	--	**3,500**	--	--	--	--	--	--
MW-3	12/11/1996	**96**	9.0	< 0.50	34	< 10	--	--	--	**2,100**	--	--	--	--	--	--
MW-3	3/13/1997	**97**	13	250	65	< 50	--	--	--	**3,100**	--	--	--	--	--	--
MW-3	6/5/1997	**46**	19	250	130	< 100	--	--	--	**3,900**	--	--	--	--	--	--
MW-3	9/5/1997	**98**	29	270	140	< 5.0	--	--	--	**4,400**	--	--	--	--	--	--
MW-3	4/2/1998	**80**	25	320	150	< 50	--	--	--	**3,700**	--	--	--	--	--	--
MW-3	6/8/1998	**60**	22	240	96	< 50	--	--	--	**3,500**	--	--	--	--	--	--
MW-3	12/9/1998	**63**	9.0	170	59	< 5.0	--	--	--	**3,200**	--	--	--	--	--	--
MW-3	6/26/1999	**72**	16	270	52	**56**	--	--	--	**3,100**	--	--	--	--	--	--
MW-3	1/19/2000	**72**	29	430	110	< 0.50	--	--	--	**5,700**	--	--	--	--	--	--
MW-3	7/2/2000	**35**	18	230	64	7.0	--	--	--	**3,300**	--	--	--	--	--	--
MW-3	12/14/2000	**40**	< 10	210	< 30	< 40	--	--	--	**5,500**	--	--	--	--	--	--
MW-3	12/9/2001	**42**	4.1	77	22	< 4.0	--	--	--	**4,200**	--	--	--	--	--	--
MW-3	6/11/2002	**77**	< 5.0	320	54	< 20	--	--	--	**8,400**	--	--	--	--	--	--
MW-3	12/21/2002	**37.7**	3.31	68.6	18.3	**39.3**	--	--	--	**3,440**	--	--	--	--	--	--
MW-3	6/18/2003	**39.1**	4.22	113	30.3	**62.6**	--	--	--	**4,020**	--	--	--	--	--	--
MW-3	10/21/2003	**19.8**	2.92	31.2	16.3	< 1.0	--	--	--	**3,190**	--	--	--	--	--	--
MW-3	11/15/2004	**15.8**	2.36	20.9	11.1	2.36	--	--	--	**3,170**	--	--	--	--	--	--
MW-3	4/14/2005	**17.1**	5.21	14.3	11.2	< 2.0	--	--	--	**3,340**	--	--	--	--	--	--
MW-3	12/18/2005	**15.1**	2.92	20.7	15.1	< 1.0	--	--	--	**4,150**	--	--	--	--	--	--
MW-3	6/11/2006	**20.9**	3.6	30	21.3	1.11	--	--	--	**4,000**	--	--	--	--	--	--
MW-3	11/5/2006	**16.8**	2.85	19	16.6	--	--	--	--	**4,970**	--	--	--	--	--	--
MW-3	9/25/2007	**18.2**	2.34	17.1	13.8	--	--	--	--	**4,530**	--	--	--	--	--	--
MW-3	12/31/2007	**16.5**	2.38	32.7	16.1	--	--	--	--	**4,490**	--	--	--	--	--	--
MW-3	5/29/2008	**16.5**	1.83	14.4	15	--	--	--	--	**5,350**	--	--	--	--	--	--
MW-3	10/28/2008	**14.4**	1.86	13.8	10.3	--	--	--	--	**3,250**	--	--	--	--	--	--
MW-3	6/22/2009	**15**	1.7	35	7.3	--	--	--	--	**2,000**	--	--	--	--	< 2.0	< 2.0
MW-3	12/15/2009	**13**	1.5	28	7.3	--	--	--	--	**2,100**	--	--	--	--	< 2.0	7.7
MW-3	5/24/2010	**29**	6.2	28	19	--	--	--	--	**2,300**	--	--	--	--	--	--
MW-3	10/12/2010	**31.1**	< 1.0	16.6	4.7	< 1.0	--	--	--	**2,380**	--	--	--	--	--	< 10
MW-3	5/10/2011	**33.6**	1.2	57.5	7.9	2.4	--	--	--	**3,280**	**820**	--	**840**	--	--	< 10
MW-3	11/29/2011	**30.4**	< 1.0	21.0	6.9	--	--	--	--	**3,130**	< 76	--	< 380	--	--	< 10
MW-3	6/1/2012	**29.0**	< 1.0	35.9	7.6	2.6	--	--	--	**2,360**	**512**	--	446	--	< 10	< 10
MW-3	11/29/2012	3.2	1.9	40.7	10.6	1.8	--	--	--	**2,320**	**670**	--	500	--	< 3.0	4.1
MW-3	5/9/2013	**32.8**	4.2	98.3	13.9	2.7	--	--	--	**2,850**	**610**	--	< 420	--	< 10	< 10
MW-3	11/19/2013	3.5 J	< 0.70	3.4 J	1.3 J	0.68 J	--	--	--	380	**620**	--	340	--	0.47 J	3.2
MW-3	5/13/2014	**8.4**	0.94 J	17	3.7	1.1	--	--	--	**1,100**	**710**	--	**700**	--	< 4.7	< 4.7
MW-3	5/7/2015	**9.9**	< 0.50	10	2.1	1.2	--	--	--	**1,800**	430	--	440	--	< 4.7	< 4.7
MW-3	3/2/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	< 48	--	150 J	--	--	--
MW-3	6/6/2016	1.4	< 0.50	0.78 J	< 0.50	< 0.50	--	--	--	500	110	--	180 J	--	--	--
MW-3	9/12/2016	4.3	< 0.50	2.1	< 0.50	< 0.50	--	--	--	**1,200**	100	--	< 67	--	--	--
MW-3	12/12/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	53 J	210	--	140 J	--	--	--
MW-3	2/22/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	245	254	--	< 165	--	--	--
MW-3	8/29/2017	3.87	0.434 J	3.82	1.78 J	< 0.367	--	--	--	**1,310**	383	--	238 J	--	--	--
MW-3	3/13/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	52.8 B J	79.1 J	--	115 J	--	--	--
MW-3	10/25/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.0100	< 1.0	--	35.6 B J	69.3 J	--	< 250	--	0.602 J	0.868 B J
MW-3	5/14/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	< 31.6	71.9 J	--	101 J	--	--	< 1.90
MW-3	11/25/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00245	< 0.361	--	63.6 BJ	< 66.7	--	276	--	--	2.06 J
MW-3	3/26/2020	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	< 31.6	101 J	--	94.3 J	--	--	< 1.90
MW-3	8/7/2020	< 0.0941	< 0.278	< 0.137	1.44 J	< 0.101	< 0.00536	< 0.0819	--	66.5 BJ	109 J	--	101 J	--	--	< 2.95
MW-3	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-3	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-3	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	120	--	< 360	--	< 10	< 10

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-3	6/9/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	120	--	< 350	--	< 2.0	< 2.0
MW-3	9/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	140	--	< 350	--	< 2.0	< 2.0
MW-3	12/7/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	110	--	< 360	--	< 2.0	< 2.0
MW-3	3/8/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	< 110	--	< 360	--	< 2.0	< 2.0
MW-3	6/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 100	--	< 250	--	< 0.50	< 0.50
MW-3	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 100	--	< 260	--	< 0.50	0.55
MW-3	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 110	--	< 350	--	< 2.0	< 2.0
MW-3	2/27/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	130	--	< 370	--	< 2.0	< 2.0
MW-4	5/11/1993	**8,700**	**4,000**	57	**3,200**	--	--	--	--	**31,000**	--	--	--	--	--	--
MW-4	3/17/1999	**12,000**	**17,000**	**1,800**	**10,000**	< 50	--	--	--	**100,000**	--	--	--	--	--	--
MW-4	9/28/1999	**27,000**	**65,000**	**18,000**	**100,000**	< 1000	--	--	--	**97,000**	--	--	--	--	--	--
MW-4	1/19/2000	**22,000**	**18,000**	**2,400**	**15,000**	< 5.0	--	--	--	**100,000**	--	--	--	--	--	--
MW-4	3/24/2000	**13,000**	**18,000**	**2,200**	**13,000**	< 5.0	--	--	--	**100,000**	--	--	--	--	--	--
MW-4	7/2/2000	**13,000**	**17,000**	**1,800**	**10,000**	**220**	--	--	--	**92,000**	--	--	--	--	--	--
MW-4	9/14/2000	**22,000**	**27,000**	**6,900**	**23,000**	< 5	--	--	--	**160,000**	--	--	--	--	--	--
MW-4	12/9/2001	**12,000**	**10,000**	**1,900**	**8,800**	< 40	--	--	--	**110,000**	--	--	--	--	--	--
MW-4	3/20/2002	**13,000**	**19,000**	**2,500**	**13,000**	**360**	--	--	--	**100,000**	--	--	--	--	--	--
MW-4	6/11/2002	**13,000**	**17,000**	**2,300**	**12,000**	< 400	--	--	--	**95,000**	--	--	--	--	--	--
MW-4	9/23/2003	**7,140**	**8,980**	**1,270**	**8,820**	< 50	--	--	--	**75,900**	--	--	--	--	--	--
MW-4	10/21/2003	**3,190**	**6,370**	**779**	**6,160**	< 500	--	--	--	**44,700**	--	--	--	--	--	--
MW-4	6/29/2004	**11,200**	**16,300**	**3,550**	**22,600**	**2,500**	--	--	--	**378,000**	--	--	--	--	--	--
MW-4	12/18/2005	**9,430**	**12,800**	**2,000**	**13,500**	< 100	--	--	--	**214,000**	--	--	--	--	--	--
MW-4	6/11/2006	**13,000**	**18,200**	**2,300**	**14,000**	< 1000	--	--	--	**117,000**	--	--	--	--	--	--
MW-4	11/5/2006	**6,950**	**10,500**	**2,070**	**13,500**	--	--	--	--	**120,000**	--	--	--	--	--	--
MW-4	12/12/2016	**120**	37	57	1,000	< 2.5	--	--	--	**25,000**	**2,100**	--	380	--	--	--
MW-4	3/26/2020	**162**	209	130	**1,670**	< 5.10	< 0.00240	< 5.40	--	**17,400**	**11,200**	--	439	--	**53.5**	**204**
MW-4	3/8/2021	**80**	530	330	**3,300**	< 1.0	--	< 1.0	--	**23,000**	**7,700**	--	**1,600**	--	**24**	**74**
MW-4	6/9/2021	**85**	120	130	**1,800**	< 1.0	--	--	--	**15,000**	**13,000**	--	**2,000**	--	**29**	**82**
MW-4	12/7/2021	**61**	73	130	**2,300 H**	< 1.0	--	--	--	**19,000**	**11,000**	--	**1,900**	--	**110**	**220**
MW-4	3/8/2022	1.6	< 1.0	6.3	61	< 1.0	--	--	--	**1,000**	**760**	--	**630**	--	**46**	**74**
MW-4	6/22/2022	**15**	10	45	340	< 1.0	--	--	--	**6,800**	**7,000**	--	< 260	--	**48**	**110**
MW-4	12/12/2022	< 10	11	66	830	< 10	--	--	--	**5,800**	**2,500**	--	**750**	--	**41**	**67**
MW-4	2/27/2023	< 10	< 10	< 10	< 20	< 10	--	--	--	< 500	--	--	--	--	< 2.0	**1,200**
MW-4_PDB	2/27/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	240	--	< 380	--	--	--
MW-4_PDB	5/25/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	--	--	--	--	--	--
MW-4	12/11/2023	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	< 100	110	--	< 350	--	< 2.0	< 2.0
MW-4_PDB	12/11/2023	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	< 100	< 180	--	< 580	--	--	--
MW-4	2/6/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	< 100	**1,600**	--	**590**	--	< 2.0	7.9
MW-4_PDB	2/6/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	< 100	120	--	< 390	--	< 2.0	< 2.0
MW-4	4/9/2025	< 1.0	< 1.0 *+	< 1.0	< 2.0	--	--	--	--	< 150	240	< 200	< 360	< 360	< 2.5	< 2.5
														--		
MW-5	5/11/1993	**130**	25	23	22	--	--	--	--	**1,800**	--	--	--	--	--	--
MW-5	3/4/1994	**26**	6.0	11	8.0	--	--	--	--	710	420	--	--	--	< 3.0	**27**
MW-5	7/6/1994	**11**	3.0	1.0	4.0	--	--	--	--	400	< 250	--	--	--	--	--
MW-5	10/7/1994	**13**	4.0	2.0	4.0	--	--	--	--	510	--	--	--	--	--	--
MW-5	12/28/1994	**46**	13	20	22	--	--	--	--	**1,300**	--	--	--	--	--	--
MW-5	3/13/1995	**34**	8.0	40	28	--	--	--	--	**2,800**	--	--	--	--	--	--
MW-5	6/30/1995	**50**	11	12	15	--	--	--	--	**1,100**	--	--	--	--	--	--
MW-5	9/6/1995	**42**	14	30	18	--	--	--	--	**1,100**	--	--	--	--	--	--
MW-5	12/8/1995	**32**	7.0	42	62	--	--	--	--	**1,700**	--	--	--	--	--	--
MW-5	3/11/1996	**85**	9.0	210	140	--	--	--	--	**8,100**	--	--	--	--	--	--
MW-5	6/18/1996	**100**	17	88	25	--	--	--	--	**2,700**	--	--	--	--	--	--
MW-5	9/9/1996	**180**	29	100	27	< 1.0	--	--	--	**2,200**	--	--	--	--	--	--
MW-5	12/11/1996	**110**	18	96	250	12	--	--	--	**4,900**	--	--	--	--	--	--
MW-5	3/13/1997	**190**	35	190	73	< 50	--	--	--	**5,500**	--	--	--	--	--	--
MW-5	6/5/1997	**290**	42	200	37	< 100	--	--	--	**4,100**	--	--	--	--	--	--
MW-5	9/5/1997	**420**	83	190	730	< 50	--	--	--	**3,100**	--	--	--	--	--	--
MW-5	4/2/1998	**470**	89	340	83	< 50	--	--	--	**5,400**	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

	CONSTITUENT	B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
	UNIT	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-5	6/8/1998	**360**	110	220	66	**71**	--	--	--	**4,200**	--	--	--	--	--	--
MW-5	12/9/1998	**170**	41	120	120	< 1.0	--	--	--	**4,900**	--	--	--	--	--	--
MW-5	6/26/1999	**180**	82	210	24	8.0	--	--	--	**3,300**	--	--	--	--	--	--
MW-5	1/19/2000	**480**	350	370	87	< 0.50	--	--	--	**6,500**	--	--	--	--	--	--
MW-5	7/2/2000	**390**	110	290	54	20	--	--	--	**6,100**	--	--	--	--	--	--
MW-5	12/14/2000	**26**	< 10	< 10	< 30	< 40	--	--	--	**4,000**	--	--	--	--	--	--
MW-5	12/9/2001	**51**	< 10	120	140	< 10	--	--	--	**12,000**	--	--	--	--	--	--
MW-5	6/11/2002	**94**	21	110	24	< 20	--	--	--	**5,700**	--	--	--	--	--	--
MW-5	12/21/2002	**6.32**	2.95	6.59	11.1	5.88	--	--	--	**1,300**	--	--	--	--	--	--
MW-5	6/18/2003	**7.18**	1.95	12	24.7	6.0	--	--	--	**1,950**	--	--	--	--	--	--
MW-5	10/21/2003	1.18	2.19	0.732	3.38	< 1.0	--	--	--	322	--	--	--	--	--	--
MW-5	6/29/2004	**5.4**	3.24	4.79	14.1	6.95	--	--	--	**1,180**	--	--	--	--	--	--
MW-5	11/15/2004	0.74	< 0.50	< 0.50	< 1.0	< 2.0	--	--	--	399	--	--	--	--	--	--
MW-5	4/14/2005	**14.3**	13.4	33.9	40	< 2.0	--	--	--	**2,900**	--	--	--	--	--	--
MW-5	12/18/2005	2.49	2.43	3.58	5.11	< 1.0	--	--	--	661	--	--	--	--	--	--
MW-5	6/11/2006	**6.08**	1.05	2.78	3.1	< 1.0	--	--	--	**2,830**	--	--	--	--	--	--
MW-5	11/5/2006	1.41	0.78	1.29	< 3.0	--	--	--	--	723	--	--	--	--	--	--
MW-5	9/25/2007	1.86	0.53	0.77	< 3.0	--	--	--	--	712	--	--	--	--	--	--
MW-5	12/31/2007	**9.4**	11.3	38.1	75.7	--	--	--	--	**7,190**	--	--	--	--	--	--
MW-5	5/29/2008	**7.47**	9.12	15.7	23.7	--	--	--	--	**2,740**	--	--	--	--	--	--
MW-5	10/28/2008	2.01	1.46	< 0.50	3.48	--	--	--	--	516	--	--	--	--	--	--
MW-5	6/22/2009	**36**	24	87	49.9	--	--	--	--	**4,800**	--	--	--	--	--	**23**
MW-5	12/15/2009	**24**	19	29	23	--	--	--	--	**2,300**	--	--	--	--	11	12
MW-5	5/24/2010	**59**	8.4	96	41	--	--	--	--	**4,200**	--	--	--	--	--	--
MW-5	10/12/2010	**31.4**	2.6	12.7	4.8	< 1.0	--	--	--	**2,320**	--	--	--	--	--	< 10
MW-5	5/10/2011	**12.4**	4.1	39.3	25.5	< 1.0	--	--	--	**4,710**	470	--	< 400	--	--	< 10
MW-5	11/29/2011	**12.3**	2.2	6.4	3.1	--	--	--	--	**2,210**	95	--	< 380	--	--	10.5
MW-5	6/1/2012	**13.3**	3.0	9.6	10.7	< 1.0	--	--	--	**1,620**	**1,040**	--	< 392	--	< 10	< 10
MW-5	11/29/2012	**18.0**	8.0	61.7	28.2	< 1.0	--	--	--	**4,160**	**1,100**	--	< 440	--	< 3.0	**42.5**
MW-5	5/9/2013	**19.0**	6.7	48.3	18.5	< 1.0	--	--	--	**3,470**	< 400	--	< 400	--	< 10	< 10
MW-5	11/19/2013	**24**	5.7	17	6.3	< 0.50	--	--	--	**1,800**	240	--	**660**	--	1.3	6.7
MW-5	5/13/2014	**17**	7.5	69	23	< 0.50	--	--	--	**4,400**	440	--	370	--	9.2 J	**16.2**
MW-5	5/7/2015	**11**	4.8	32	12	< 0.50	--	--	--	**2,800**	240	--	260	--	5.2 J	**18.4**
MW-5	3/2/2016	4.5	2.8	24	13	< 0.50	--	--	--	**4,100**	320	--	**530**	--	--	--
MW-5	6/6/2016	**6.9**	4.4	23	15	< 0.50	--	--	--	**5,300**	310	--	**620**	--	--	--
MW-5	12/12/2016	1.7	1.8	9.0	4.5	< 0.50	--	--	--	**4,300**	**17,000**	--	< 540	--	--	--
MW-5	2/22/2017	0.572 J	< 0.412	1.39	1.10 J	< 0.367	--	--	--	**3,440**	**9,890**	--	204 J	--	--	--
MW-5	8/29/2017	**7.48**	1.60	6.01	11.1	< 0.367	--	--	--	**1,810**	**7,040**	--	432	--	--	--
MW-5	3/13/2018	< 1.0	< 1.0	0.544 J	< 3.0	< 1.0	--	--	--	356 B	**1,440**	--	216 J	--	--	--
MW-5	5/14/2019	0.403 J	< 0.412	< 0.384	5.45	< 0.367	< 0.00240	< 0.361	--	54.5 J	**1,120**	--	122 J	--	--	--
MW-5	3/25/2020	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	< 31.6	300	--	108 J	--	3.84 J	**21.2**
MW-5	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	170	--	< 360	--	< 10	< 10
MW-5	3/8/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	270	--	< 360	--	< 2.0	6.8
MW-5	12/12/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	--		--		--	--
												--		--		
MW-6	9/5/1997	< 0.50	19	6.0	15	**32**	--	--	--	**930**	--	--	--	--	--	--
MW-6	4/2/1998	< 0.50	10	3.0	11	6.0	--	--	--	600	--	--	--	--	--	--
MW-6	6/8/1998	< 0.50	6.0	2.0	5.0	10	--	--	--	430	--	--	--	--	--	--
MW-6	12/9/1998	< 1.0	< 1.0	1.0	3.0	2.0	--	--	--	260	--	--	--	--	--	--
MW-6	1/19/2000	< 0.50	< 0.50	6.0	10	7.0	--	--	--	330	--	--	--	--	--	--
MW-6	12/14/2000	< 10	< 10	< 10	< 30	< 40	--	--	--	**1,000**	--	--	--	--	--	--
MW-6	10/21/2003	**10**	3.66	0.898	5.03	< 1.0	--	--	--	254	--	--	--	--	--	--
MW-6	6/29/2004	**6.8**	1.73	< 0.50	5.65	6.35	--	--	--	540	--	--	--	--	--	--
MW-6	11/15/2004	**43.5**	14.5	0.58	10.4	< 2.0	--	--	--	370	--	--	--	--	--	--
MW-6	4/14/2005	**6.39**	0.95	< 0.50	3.75	< 2.0	--	--	--	443	--	--	--	--	--	--
MW-6	12/18/2005	< 0.50	< 0.50	< 0.50	3.01	< 1.0	--	--	--	694	--	--	--	--	--	--
MW-6	6/11/2006	< 0.50	< 0.50	< 0.50	< 3.0	< 1.0	--	--	--	601	--	--	--	--	--	--
MW-6	11/5/2006	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	444	--	--	--	--	--	--
MW-6	9/25/2007	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	321	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-6	12/31/2007	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	168	--	--	--	--	--	--
MW-6	5/29/2008	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	**1,620**	--	--	--	--	--	--
MW-6	10/28/2008	< 0.50	< 0.50	< 0.50	< 3.0	--	--	--	--	481	--	--	--	--	--	--
MW-6	6/22/2009	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	< 50.0	--	--	--	--	< 2.0	< 2.0
MW-6	12/15/2009	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	190	--	--	--	--	< 2.0	< 2.0
MW-6	5/24/2010	**8.1**	< 2.5	< 2.5	< 5.0	--	--	--	--	280	--	--	--	--	--	--
MW-6	10/12/2010	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 50.0	--	--	--	--	--	< 10
MW-6	5/10/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	96.0	180	--	< 390	--	--	< 10
MW-6	11/29/2011	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	< 50.0	< 78	--	< 390	--	--	< 10
MW-6	6/1/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	124	< 76.9	--	< 385	--	< 10	< 10
MW-6	5/9/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	216	< 400	--	< 400	--	< 10	< 10
MW-6	11/19/2013	< 0.50	< 0.70	< 0.80	< 0.80	< 0.50	--	--	--	130 J	31 J	--	< 71	--	0.12 J	0.97 J
MW-6	5/13/2014	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	120 J	80 J	--	180 J	--	< 4.7	< 4.7
MW-6	5/7/2015	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	< 28	--	< 65	--	< 4.7	< 4.7
MW-6	6/6/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	< 46	--	< 100	--	--	--
MW-6	9/12/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	140	--	280	--	--	--
MW-6	12/12/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	< 47	--	< 100	--	--	--
MW-6	2/22/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	33.5 J	< 82.5	--	< 165	--	--	--
MW-6	8/29/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	160	< 139	--	183 J	--	--	--
MW-6	3/13/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	40.0 B J	< 200	--	< 250	--	--	--
MW-6	10/25/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.0100	< 1.0	--	< 100	73.4 J	--	< 250	--	< 2.0	< 2.0
MW-6	2/22/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	< 31.6	76.5 J	--	214 J	--	< 1.90	< 1.90
MW-6	8/27/2019	< 0.0896	< 0.412	< 0.158	< 1.06	< 0.367	< 0.00245	< 1.0	--	< 31.6	79.6 J	--	85.9 J	--	--	3.18 J
MW-6	3/26/2020	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	< 31.6	73.9 J	--	152 J	--	--	< 1.90
MW-6	6/2/2020	< 0.0941	< 0.278	< 0.137	< 0.174	< 0.101	< 0.00536	< 0.0819	--	< 31.6	--	--	--	--	--	< 2.95
MW-6	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-6	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-6	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	< 110	--	< 360	--	< 10	< 10
MW-6	6/9/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	--	--	--	--	--	--
MW-6	9/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	< 110	--	< 350	--	< 2.0	< 2.0
MW-6	12/7/2021	< 1.0	< 1.0	< 1.0	3.5	< 1.0	--	--	--	< 250	< 110	--	< 350	--	< 2.0	< 2.0
MW-6	3/8/2022	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	250	--	400	--	< 2.0	< 2.0
MW-6	6/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 100	--	< 260	--	< 0.50	< 0.50
MW-6	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 110	--	< 270	--	< 0.50	< 5.0
MW-6	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 110	--	< 350	--	< 2.0	< 2.0
MW-6	2/27/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	< 120		< 370		< 2.0	< 2.0
MW-7	4/2/1998	< 5	35	480	**1,100**	< 50	--	--	--	**13,100**	--	--	--	--	--	--
MW-7	6/8/1998	< 5.0	40	420	810	**63**	--	--	--	**12,000**	--	--	--	--	--	--
MW-7	12/9/1998	< 5.0	26	360	610	11	--	--	--	**9,600**	--	--	--	--	--	--
MW-7	6/26/1999	**11**	24	410	600	< 5.0	--	--	--	**8,300**	--	--	--	--	--	--
MW-8	4/2/1998	< 0.50	1.0	< 0.50	< 1.5	< 5	--	--	--	< 100	--	--	--	--	--	--
MW-8	6/8/1998	< 0.50	1.0	2.0	< 1.5	< 5.0	--	--	--	< 100	--	--	--	--	--	--
MW-8	12/9/1998	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	--	--	--	< 500	--	--	--	--	--	--
MW-8	6/26/1999	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	--	--	--	< 500	--	--	--	--	--	--
MW-9	10/12/2010	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 50.0	--	--	--	--	--	< 10
MW-9	5/10/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 50.0	160	--	< 420	--	--	< 10
MW-9	11/29/2011	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	--	< 50.0	< 76	--	< 380	--	--	< 10
MW-9	5/9/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 100	< 400	--	< 400	--	< 10	< 10
MW-9	11/19/2013	< 0.50	< 0.70	< 0.80	< 0.80	< 0.50	--	--	--	< 50	49 J	--	< 75	--	0.090 J	1.0
MW-9	5/13/2014	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	< 29	--	< 67	--	< 4.7	< 4.7
MW-9	5/7/2015	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	28 J	--	< 65	--	< 4.7	< 4.7
MW-9	9/12/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	190	--	170 J	--	--	--
MW-9	8/29/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	52.9 J	115 J	--	101 J	--	--	--
MW-9	10/25/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.0101	< 1.0	--	78.3 BJ	217	--	140 J	--	< 2.0	0.299 B J
MW-9	2/20/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	36.7 BJ	116 J	--	120 J	--	< 1.90	< 1.90
MW-9	5/13/2019	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	< 0.00240	< 0.361	--	< 31.6	220	--	107 J	--	--	< 1.90

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-9	8/27/2019	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	< 31.6	107 J	--	98.9 J	--	--	< 1.90
MW-9	11/26/2019	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	47 BJ	108 J	--	227 J	--	--	< 1.90
MW-9	3/26/2020	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	< 31.6	190 J	--	199 J	--	--	< 1.90
MW-9	6/2/2020	< 0.0941	< 0.278	< 0.137	< 0.174	< 0.101	< 0.00536	< 0.0819	--	< 31.6	--	--	--	--	--	< 2.95
MW-9	8/7/2020	< 0.0941	< 0.278	< 0.137	< 0.174	< 0.101	< 0.00536	< 0.0819	--	< 31.6	216	--	110 J	--	--	< 2.95
MW-9	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-9	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-9	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	< 120	--	< 370	--	< 10	< 10
MW-9	6/9/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	210	--	< 360	--	< 2.0	< 2.0
MW-9	9/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	170	--	< 360	--	< 2.0	< 2.0
MW-9	12/7/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	< 110	--	< 360	--	< 2.0	< 2.0
MW-9	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 100	--	< 250	--	< 0.50	< 0.50
MW-9	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	< 120	--	< 370	--	< 2.0	< 2.0
MW-10	6/1/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 50	< 76.9	--	< 385	--	< 10	< 10
MW-10	11/29/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 100	< 420	--	< 420	--	< 3.0	**20.4**
MW-10	5/9/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	--	--	--	< 100	< 400	--	< 400	--	< 10	< 10
MW-10	11/19/2013	< 0.50	< 0.70	< 0.80	< 0.80	< 0.50	--	--	--	66 J	< 34	--	< 78	--	< 0.085	12.8
MW-10	5/13/2014	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	< 50	< 28	--	< 66	--	< 4.7	< 4.7
MW-10	5/7/2015	< 0.50	< 0.50	0.81 J	7.1	< 0.50	--	--	--	150 J	75 J	--	150 J	--	< 4.7	6.3 J
MW-10	9/12/2016	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	130 J	< 29	--	< 68	--	--	--
MW-10	8/29/2017	< 0.331	< 0.412	< 0.384	< 1.06	< 0.367	--	--	--	< 31.6	78.2 J	--	126 J	--	--	--
MW-11	10/25/2018	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.0100	< 1.0	--	170 B	343	--	419	--	0.582 J	1.09 B J
MW-11	2/20/2019	< 0.331	< 0.412	< 0.384	< 1.06	1.04	< 0.00240	< 0.361	--	132 B	354	--	466	--	< 1.90	< 1.90
MW-11	5/13/2019	< 0.331	< 0.412	< 0.384	< 1.06	0.674 J	< 0.00240	< 0.361	--	40.1 J	423	--	308	--	--	< 1.90
MW-11	8/27/2019	< 0.0896	< 0.412	< 0.158	< 0.316	0.818	< 0.00240	< 0.108	--	< 31.6	227	--	295	--	--	2.51 J
MW-11	11/25/2019	< 0.0896	< 0.412	< 0.158	< 0.316	0.771	< 0.00240	< 0.108	--	137 B	220	--	408	--	--	< 1.90
MW-11	3/25/2020	< 0.0896	< 0.412	< 0.158	< 0.316	< 0.102	< 0.00240	< 0.108	--	75.1 BJ	**747**	--	131 J	--	--	< 1.90
MW-11	6/2/2020	< 0.0941	< 0.278	< 0.137	< 0.174	0.229 J	< 0.00536	< 0.0819	--	91.5 J	--	--	--	--	--	3.23 J
MW-11	8/6/2020	< 0.0941	< 0.278	< 0.137	< 0.174	0.266 J	< 0.00536	< 0.0819	--	85.2 BJ	289	--	317	--	--	< 2.95
MW-11	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-11	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	< 250	< 110	--	< 350	--	< 4.0	< 4.0
MW-11	3/8/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	< 1.0	--	< 250	**840**	--	< 370	--	< 10	< 10
MW-11	6/9/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	390	--	< 350	--	< 2.0	< 2.0
MW-11	9/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	370	--	390	--	< 2.0	< 2.0
MW-11	12/7/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 250	**540**	--	480	--	< 2.0	< 2.0
MW-11	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	290	--	< 270	--	< 0.50	< 0.50
MW-11	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	< 250	**680**	--	460	--	< 2.0	< 2.0
MW-11	2/27/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	420	--	< 360	--	< 2.0	< 2.0
MW-11	5/25/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	< 50	310	--	< 360	--	< 2.0	< 2.0
MW-11	8/9/2023	--	--	--	--	--	--	--	--	--	420	--	--	--	< 2.0	< 2.0
MW-11	12/11/2023	--	--	--	--	--	--	--	--	--	420	--	< 360	--	< 2.0	< 2.0
MW-12	10/25/2018	1.17	< 1.0	< 1.0	< 3.0	< 1.0	< 0.0100	< 1.0	--	**867**	**705**	--	189 J	--	< 2.0	1.00 B J
MW-12	2/20/2019	4.91	< 0.412	2.81	2.54 J	< 0.367	< 0.00240	< 0.361	--	**3,370**	486	--	206 J	--	< 1.90	< 1.90
MW-12	5/13/2019	3.79	< 0.412	0.457 J	< 1.06	< 0.367	< 0.00240	< 0.361	--	**1,320**	394	--	198 J	--	--	< 1.90
MW-12	8/27/2019	3.11	< 0.412	0.705	0.404 J	< 0.102	< 0.00245	< 0.108	--	260	404	--	192 J	--	--	< 1.90
MW-12	11/25/2019	2.79	< 0.412	1.06	0.464 J	< 0.102	< 0.00240	< 0.108	--	**855**	349	--	183 J	--	< 1.90	**25.8**
MW-12	3/26/2020	1.18	< 0.412	0.844	0.318 J	< 0.102	< 0.00240	< 0.108	--	300 B	**1,710**	--	281	--	--	< 1.90
MW-12	6/2/2020	0.872	< 0.278	2.35	0.526 J	< 0.101	< 0.00536	< 0.0819	--	**917**	--	--	--	--	--	< 2.95
MW-12	8/6/2020	0.644 J	< 0.278	0.500 J	0.448 J	< 0.101	< 0.00536	< 0.0819	--	268 J	**1,630**	--	317	--	--	< 2.95
MW-12	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	290	400	--	< 350	--	< 4.0	< 4.0
MW-12	12/10/2020	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	--	--	--	290	400	--	< 350	--	< 4.0	< 4.0
MW-12	3/8/2021	< 1.0 F1 F2	< 1.0 F1 F2	18 F1	< 2.0 F1 F2	< 1.0 F1 F2	--	< 1.0 F1 F2	--	**1,600**	**2,500**	--	< 360	--	< 10	< 10 F1
MW-12	6/9/2021	< 1.0	< 1.0	2.2	< 2.0	< 1.0	--	--	--	530	**3,000**	--	390	--	< 2.0	< 2.0
MW-12	9/13/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	430	**2,700**	--	370	--	< 2.0	< 2.0
MW-12	12/7/2021	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	440	**2,700**	--	420	--	< 2.0	< 2.0
MW-12	9/22/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	**950**	440	--	< 240	--	< 0.50	< 0.50

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**
MW-12	11/29/2022	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	510	**870**	--	< 350	--	< 2.0	< 2.0
MW-12	2/27/2023	< 1.0	< 1.0	1.2	< 2.0	< 1.0	--	--	--	**1,100**	**900**	--	< 370	--	< 2.0	< 2.0
MW-12	5/25/2023	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	--	**820**	**1,300**	--	< 360	--	< 2.0	< 2.0
MW-12	8/9/2023	--	--	--	--	--	--	--	--	**1,800**	**1,600**	--	< 350	--	< 2.0	< 2.0
MW-12	12/11/2023	--	--	--	--	--	--	--	--	**1,800**	**1,600**	--	--	--	< 2.0	< 2.0
MW-12	2/6/2024	--	--	--	--	--	--	--	--	**3,900**	**2,100**	--	< 350	--	< 2.0	< 2.0
MW-12	5/16/2024	--	--	--	--	--	--	--	--	**3,600**	**1,600**	--	--	--	< 2.0	< 2.0
MW-12	9/10/2024	--	--	--	--	--	--	--	--	**1,100**	**1,200**	--	< 340	--	< 2.0	< 2.0
MW-12	12/30/2024	--	--	--	--	--	--	--	--	450	**1,200**	--	< 340	--	< 2.5	< 2.5
MW-13	2/6/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	< 0.52	110	130	--	< 360	--	< 2.0	< 2.0
MW-13	5/16/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	< 0.51	< 150	210	--	< 350	--	< 2.0	4.4
MW-13	9/10/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 0.51	< 150	210	--	< 350	--	< 2.0	2.2
MW-13	12/30/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 0.48	< 150	< 190	--	< 330	--	< 2.5	< 2.5
MW-14	2/6/2024	1.7	3.8	150	110	--	--	--	20	**4,600**	**4,200**	--	420	--	< 2.0	< 2.0
MW-14	5/16/2024	< 10	< 10	110	37	--	--	--	1.6	**4,300**	**3,700**	--	410	--	< 2.0	5.3
MW-14	9/10/2024	1.1	< 1.0	47	12	< 1.0	--	--	1.46	**3,200**	**1,400**	--	< 350	--	< 2.0	< 2.0
MW-14	12/30/2024	1.0	2.8	170	83	< 1.0	--	--	32.2	**5,600**	**3,900**	--	**530**	--	< 2.5	< 2.5
MW-15	2/6/2024	< 1.0	< 1.0	5.2	3.6	--	--	--	4.3	**3,700**	**1,600**	--	< 360	--	4.2	5.7
MW-15	5/16/2024	1.8	1.7	5.9	5.6	--	--	--	1.9	**4,200**	**2,400**	--	< 350	--	< 2.0	< 2.0
MW-15	9/10/2024	2.9	1.8	7.5	7.7	< 1.0	--	--	7.2	**3,100**	**3,600**	--	420	--	< 2.0	< 2.0
MW-15DUP	9/10/2024	2.8	1.6	7.8	7.1	< 1.0	--	--	7.5	**2,700**	**3,600**	--	390	--	< 2.0	< 2.0
MW-15	12/30/2024	< 1.0	< 1.0	6.8	4.2	< 1.0	--	--	2.9	**3,300**	**1,100**	--	< 350	--	< 2.5	3.3
MW-15DUP	12/30/2024	< 1.0	< 1.0	6.9	4.3	< 1.0	--	--	2.0	**2,800**	**1,200**	--	< 340	--	2.8	2.8
MW-16	2/6/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	< 0.51	< 100	< 110	--	< 360	--	< 2.0	< 2.0
MW-16	5/16/2024	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	< 0.50	< 150	< 210	--	< 370	--	< 2.0	< 2.0
MW-16	9/10/2024	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	--	--	< 0.51	< 150	< 200	--	< 350	--	< 2.0	< 2.0
VE-1	4/2/1998	**3,900**	**2,300**	**820**	**4,500**	< 2500	--	--	--	**60,500**	--	--	--	--	--	--
VE-1	9/17/1998	**2,700**	**2,000**	**1,400**	**7,700**	< 100	--	--	--	**240,000**	--	--	--	--	--	--
VE-1	12/9/1998	**2,200**	**1,400**	**770**	**3,700**	< 25	--	--	--	**73,000**	--	--	--	--	--	--
VE-1	3/17/1999	**4,000**	**2,400**	**790**	**4,100**	< 25	--	--	--	**42,000**	--	--	--	--	--	--
VE-1	6/26/1999	**3,800**	**2,600**	670	**3,500**	< 100	--	--	--	**42,000**	--	--	--	--	--	--
VE-1	9/28/1999	**3,400**	**2,000**	630	**3,000**	< 25	--	--	--	**25,000**	--	--	--	--	--	--
VE-1	3/24/2000	**3,200**	610	27	**3,600**	< 5	--	--	--	**31,000**	--	--	--	--	--	--
VE-1	7/2/2000	**3,200**	**1,900**	620	**3,000**	**130**	--	--	--	**27,000**	--	--	--	--	--	--
VE-1	9/14/2000	**3,200**	**2,200**	**920**	**3,000**	< 5	--	--	--	**29,000**	--	--	--	--	--	--
VE-1	12/14/2000	**2,400**	**1,300**	580	**2,600**	< 40	--	--	--	**28,000**	--	--	--	--	--	--
VE-1	12/9/2001	**1,300**	880	510	**2,400**	< 40	--	--	--	**24,000**	--	--	--	--	--	--
VE-1	3/20/2002	**1,800**	**1,300**	560	**2,400**	**280**	--	--	--	**52,000**	--	--	--	--	--	--
VE-1	6/11/2002	**2,800**	**1,600**	650	**2,900**	< 80	--	--	--	**26,000**	--	--	--	--	--	--
VE-1	12/21/2002	**1,630**	**1,150**	**741**	**3,660**	< 200	--	--	--	**25,900**	--	--	--	--	--	--
VE-1	3/19/2003	**1,590**	**1,450**	**743**	**3,640**	< 250	--	--	--	**27,100**	--	--	--	--	--	--
VE-1	6/18/2003	**2,190**	**1,710**	**929**	**5,230**	**79.8**	--	--	--	**37,000**	--	--	--	--	--	--
VE-1	9/23/2003	**1,620**	**1,270**	**704**	**3,500**	< 20.0	--	--	--	**28,300**	--	--	--	--	--	--
VE-1	10/22/2003	**3,360**	**1,850**	**847**	**4,130**	< 50.0	--	--	--	**36,700**	--	--	--	--	--	--
VE-1	6/29/2004	**8,070**	**7,030**	**2,230**	**10,400**	**820**	--	--	--	**192,000**	--	--	--	--	--	--
VE-1	11/15/2004	**5,680**	**6,280**	**3,430**	**17,600**	< 100	--	--	--	**99,900**	--	--	--	--	--	--
VE-1	4/14/2005	**3,120**	**3,300**	**1,210**	**5,560**	< 40.0	--	--	--	**39,600**	--	--	--	--	--	--
VE-1	12/18/2005	**6,140**	**5,850**	**1,400**	**6,750**	< 100	--	--	--	**142,000**	--	--	--	--	--	--
VE-1	6/11/2006	**7,200**	**8,100**	**3,900**	**25,100**	< 500	--	--	--	**68,300**	--	--	--	--	--	--
VE-1	11/5/2006	**3,780**	**4,320**	**1,190**	**6,390**	--	--	--	--	**60,500**	--	--	--	--	--	--

Table 2
Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT	B	T	E	X	MTBE	EDB	EDC	Total Naphthalenes	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead
UNIT	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**160**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**

Definitions:
B = Benzene.
T = Toluene.
E = Ethylbenzene.
X = Total xylenes.
MTBE = Methyl tert-butyl ether.
TPH-G = Total petroleum hydrocarbons as gasoline.
TPH-D = Total petroleum hydrocarbons as diesel.
TPH-O = Total petroleum hydrocarbons as oil.
EDB = Ethylene dibromide.
EDC = 1,2-Dichloroethane.
Total Naphthalenes = Summation of values for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene. If all values are below laboratory method reporting limits, the highest reporting limit is used.
1,000/800[1] = The MTCA Method A Cleanup Level for TPH-G is 1,000 µg/L if no detectable levels of benzene in the sample, otherwise it is 800 µg/L.
15* = The MTCA Method A Cleanup Level for dissolved lead of 15 µg/L is based off of that of total lead.
< 1.0 = Concentrations were not detected above the laboratory method reporting limit.
µg/L = Micrograms per liter.
-- = No value given/Not analyzed/Not applicable.
MTCA = Model Toxics Control Act.
MW-4_PDB = Sample collected from a passive diffusion bag (PDB).

Lab Qualifiers:
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.
B = The same analyte is found in the associated blank.
F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits.
F2 = MS/MSD relative percentage difference (RPD) exceeds control limits.
H = Sample was prepped or analyzed beyond the specified holding time.
*1 = Laboratory control sample (LCS) / laboratory control sample duplicate (LCSD) RPD exceeds control limits.
*+ = LCS and/or LCSD is outside acceptance limits, high biased.

Notes:
Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels.
Regarding sample MW-4 on 12/12/2022: Method NWTPH-Dx: The RPD of the LCS and LCSD for preparation batch 580-413921 and analytical batch 580-414023 recovered outside control limits for the following analytes: #2 Diesel (C10-C24) and Motor Oil (>C24-C36). The following sample was re-prepared outside of preparation holding time due to low surrogate in the method blank MW4 _ 20221212 (580-121302-1). Both data sets are reported.
MW-5 12/12/2022 samples were not analyzed for TPH-D, TPH-O, total lead, or dissolved lead due to insufficient sample volume remaining in the well.

Table 3
PAH Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent		Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene	Total Naphthalenes	Phenanthrene	Pyrene	Total cPAHS TEF
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA Method A Cleanup Levels		--	--	--	--	**0.1**	--	--	--	--	--	--	--	--	--	--	--	**160**	--	--	**0.1**
Well ID	Date																				
GMW-1	5/7/2015	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	7.4	1.8	4	13.2	--	--	< 0.00755
GMW-1	3/2/2016	--	--	--	0.043 J	0.029 J	0.022 J	--	0.031 J	0.071	0.061	--	--	0.032 J	< 0.030	0.079	0.17	0.264	--	--	0.04861
GMW-1	6/6/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	2.2	0.53	1.1	3.83	--	--	--
GMW-1	9/12/2016	--	--	--	< 0.0095	< 0.0095	< 0.0095	--	< 0.0095	< 0.0095	< 0.0095	--	--	< 0.0095	7.1	1.4	2.8	11.3	--	--	< 0.00717
GMW-1	9/12/2016	--	--	--	< 0.0095	< 0.0095	< 0.0095	--	< 0.0095	< 0.0095	< 0.0095	--	--	< 0.0095	6.8	1.4	2.8	11	--	--	< 0.00717
GMW-1	2/20/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	0.0121 J	0.024 J	< 0.046	--	--	< 0.007783
GMW-1	5/13/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.377	0.0625 J	0.0189 J	0.4584	--	--	< 0.007783
GMW-1	8/27/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.642	0.0389 J	0.140 J	0.8209	--	--	< 0.007783
GMW-1	3/25/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.200 BJ	0.0274 J	0.0130 J	0.24	--	--	< 0.007783
GMW-1	6/2/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	0.108 J	< 0.0687	< 0.0674	< 0.176	--	--	< 0.0137
GMW-1	8/6/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.917	< 0.687	< 0.674	< 1.14	--	--	< 0.0137
GMW-1	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMW-1	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
GMW-1	9/13/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.21	< 0.10	< 0.051	< 0.10	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0657
GMW-1	12/7/2021	< 0.11	< 0.053	< 0.11	< 0.053	< 0.11	< 0.053	< 0.053	< 0.053	< 0.11	< 0.11	< 0.21	< 0.11	< 0.053	< 0.11	< 0.11	< 0.21	--	< 0.11	< 0.11	< 0.07165
MW-1	5/7/2015	--	--	--	0.025 J	0.026 J	0.044 J	--	0.020 J	0.032 J	0.018 J	--	--	0.033 J	< 0.031	0.023 J	0.026 J	0.0645	--	--	0.04032
MW-1	3/2/2016	--	--	--	< 0.011	< 0.011	< 0.011	--	< 0.011	< 0.011	< 0.011	--	--	< 0.011	0.4	0.12	0.2	0.72	--	--	< 0.008305
MW-1	2/22/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	0.0129 J	0.0207 J	< 0.0435	--	--	< 0.007783
MW-1	5/14/2019	--	--	--	< 0.00820	< 0.0232	< 0.00424	--	< 0.0272	< 0.0216	< 0.00792	--	--	< 0.0296	0.110 J	0.0309 J	0.0414 J	0.1823	--	--	< 0.015566
MW-1	3/26/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0777 BJ	< 0.00821	< 0.00902	< 0.0863	--	--	< 0.007783
MW-1	6/3/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.0917	< 0.0687	< 0.0674	< 0.114	--	--	< 0.0137
MW-1	8/6/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	0.0925 J	< 0.687	< 0.674	< 0.773	--	--	< 0.0137
MW-1	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
MW-2	5/7/2015	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	4.3	1.1	0.35	5.75	--	--	< 0.00755
MW-2	3/2/2016	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	4.3	1.7	0.34	6.34	--	--	< 0.00755
MW-2	6/6/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	4.6	2.5	0.29	7.39	--	--	--
MW-2	9/12/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/20/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	0.00849 J	0.0174 J	< 0.03579	--	--	< 0.007783
MW-2	5/14/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0593 J	0.0214 J	0.0228 J	0.1035	--	--	< 0.007783
MW-2	8/27/2019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/26/2019	--	--	--	0.00684 BJ	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0680 BJ	0.0255 BJ	0.0174 BJ	0.1109	--	--	0.008262
MW-2	3/26/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0939 BJ	< 0.00821	< 0.00902	< 0.103	--	--	< 0.007783
MW-2	6/3/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	0.188 J	< 0.0687	0.150 J	< 0.372	--	--	< 0.0137
MW-2	8/7/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	0.171 J	< 0.687	< 0.674	< 0.852	--	--	< 0.0137
MW-2	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
MW-2	12/7/2021	< 0.10	< 0.052	< 0.10	< 0.052	< 0.10	< 0.052	< 0.052	< 0.052	< 0.10	< 0.10	< 0.21	< 0.10	< 0.052	< 0.10	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0659
MW-3	5/7/2015	--	--	--	0.016 J	0.015 J	0.025 J	--	< 0.010	0.018 J	< 0.010	--	--	0.016 J	< 0.030	0.76	0.041	0.816	--	--	0.02188
MW-3	3/2/2016	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	< 0.030	< 0.010	< 0.010	< 0.025	--	--	< 0.00755
MW-3	6/6/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.031	0.032 J	< 0.010	0.053	--	--	--
MW-3	9/12/2016	--	--	--	< 0.0095	< 0.0095	< 0.0095	--	< 0.0095	< 0.0095	< 0.0095	--	--	< 0.0095	< 0.029	0.19	< 0.0095	0.20925	--	--	< 0.00717
MW-3	5/14/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0335 J	< 0.00821	< 0.00902	< 0.0421	--	--	< 0.007783
MW-3	11/25/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	< 0.00821	< 0.00902	< 0.0185	--	--	< 0.007783
MW-3	3/26/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0293 BJ	< 0.00821	< 0.00902	< 0.0379	--	--	< 0.007783
MW-3	8/7/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.917	< 0.687	< 0.674	< 1.14	--	--	< 0.0137
MW-3	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
MW-3	9/13/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
MW-3	12/7/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.21	< 0.10	< 0.051	0.59	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0657
MW-4	3/26/2020	--	--	--	0.0381 J	0.0250 J	0.0344 J	--	< 0.0272	< 0.0216	< 0.00792	--	--	< 0.0296	113	21.7	35.5	**170.2**	--	--	< 0.03559
MW-4	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/9/2021	< 5.1	< 2.5	< 0.10	< 0.051	< 0.10	0.061	0.076	< 0.051	< 0.10	< 0.10	< 0.20	< 5.1	< 0.051	76	16	28	--	0.34	0.23	0.06925

Table 3
PAH Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent		Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene	Total Naphthalenes	Phenanthrene	Pyrene	Total cPAHS TEF
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA Method A Cleanup Levels		--	--	--	--	**0.1**	--	--	--	--	--	--	--	--	--	--	--	**160**	--	--	**0.1**
MW-4	12/7/2021	< 0.11	< 0.053	< 0.11	< 0.053	< 0.11	0.063	< 0.053	< 0.053	< 0.11	< 0.11	< 0.21	< 0.11	< 0.053	28	4.4	8.7	--	0.16	0.17	0.0753
MW-5	5/7/2015	--	--	--	< 0.010	< 0.010	0.014 J	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	11	3	2.5	16.5	--	--	0.00845
MW-5	3/2/2016	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	9.9	2.7	2.8	15.4	--	--	< 0.00755
MW-5	6/6/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	7.3	2.3	2.3	11.9	--	--	--
MW-5	3/25/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0349 BJ	< 0.00821	< 0.00902	< 0.0435	--	--	< 0.007783
MW-5	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	5/7/2015	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	< 0.030	0.011 J	0.012 J	0.038	--	--	< 0.00755
MW-6	6/6/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.031	< 0.010	< 0.010	< 0.026	--	--	--
MW-6	9/12/2016	--	--	--	< 0.0095	< 0.0095	< 0.0095	--	< 0.0095	< 0.0095	< 0.0095	--	--	< 0.0095	< 0.028	< 0.0095	< 0.0095	< 0.0235	--	--	< 0.00717
MW-6	2/22/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.221 J	0.00929 J	0.0137 J	0.24399	--	--	< 0.007783
MW-6	8/27/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0249 BJ	< 0.00821	< 0.00902	< 0.0335	--	--	< 0.007783
MW-6	11/26/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0249 BJ	< 0.00821	< 0.00902	< 0.0335	--	--	< 0.007783
MW-6	3/26/2020	--	--	--	< 0.00410	< 0.0116	0.00655 J	--	< 0.0136	0.0112 J	< 0.00396	--	--	< 0.0148	0.0625 BJ	0.0164 J	0.0200 J	0.0989	--	--	< 0.008390
MW-6	6/2/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.0917	< 0.0687	< 0.0674	< 0.114	--	--	< 0.0137
MW-6	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/9/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/13/2021	< 0.11	< 0.056	< 0.11	< 0.056	< 0.11	< 0.056	< 0.056	< 0.056	< 0.11	< 0.11	< 0.22	< 0.11	< 0.056	< 0.11	< 0.11	< 0.22	--	< 0.11	< 0.11	< 0.07225
MW-6	12/7/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.21	< 0.10	< 0.051	0.30	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0657
MW-9	5/7/2015	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	< 0.031	< 0.010	0.015 J	0.0355	--	--	< 0.00755
MW-9	9/12/2016	--	--	--	< 0.0095	< 0.0095	< 0.0095	--	< 0.0095	< 0.0095	< 0.0095	--	--	< 0.0095	< 0.028	< 0.0095	< 0.0095	< 0.0235	--	--	< 0.00717
MW-9	2/20/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	< 0.00821	0.0150 J	< 0.029005	--	--	< 0.007783
MW-9	5/13/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	0.0162 J	0.0140 J	< 0.0401	--	--	< 0.007783
MW-9	8/27/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0350 BJ	< 0.00821	< 0.00902	< 0.04362	--	--	< 0.007783
MW-9	11/26/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0350 BJ	< 0.00821	< 0.00902	< 0.04362	--	--	< 0.007783
MW-9	3/26/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0244 BJ	< 0.00821	< 0.00902	< 0.0208	--	--	< 0.007783
MW-9	6/2/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.0917	< 0.0687	< 0.0674	< 0.114	--	--	< 0.0137
MW-9	8/7/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.917	< 0.687	< 0.674	< 1.14	--	--	< 0.0137
MW-9	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.21	< 0.10	< 0.051	< 0.10	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0657
MW-9	9/13/2021	< 0.10	< 0.052	< 0.10	< 0.052	< 0.10	< 0.052	< 0.052	< 0.052	< 0.10	< 0.10	< 0.21	< 0.10	< 0.052	< 0.10	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0659
MW-9	12/7/2021	< 0.10	< 0.052	< 0.10	< 0.052	< 0.10	< 0.052	< 0.052	< 0.052	< 0.10	< 0.10	< 0.21	< 0.10	< 0.052	< 0.10	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0659
MW-10	5/7/2015	--	--	--	< 0.010	< 0.010	< 0.010	--	< 0.010	< 0.010	< 0.010	--	--	< 0.010	0.77	0.23	0.35	1.35	--	--	< 0.00755
MW-10	9/12/2016	--	--	--	< 0.0095	< 0.0095	< 0.0095	--	< 0.0095	< 0.0095	< 0.0095	--	--	< 0.0095	< 0.029	< 0.0095	< 0.0095	< 0.024	--	--	< 0.00717
MW-11	2/20/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	< 0.0198	0.00930 J	< 0.00902	< 0.02371	--	--	< 0.007783
MW-11	5/13/2019	--	--	--	0.00965 J	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.165 J	0.0258 J	0.0121 J	0.2029	--	--	0.008543
MW-11	8/27/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.169 BJ	0.0102 J	0.0107 J	0.1899	--	--	< 0.007783
MW-11	11/25/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.141 J	< 0.00821	0.0104 J	< 0.1556	--	--	< 0.007783
MW-11	3/25/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.0887 BJ	0.0194 J	0.0106 J	0.119	--	--	< 0.007783
MW-11	6/2/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.0917	< 0.0687	< 0.0674	< 0.114	--	--	< 0.0137
MW-11	8/6/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	0.0917 J	< 0.687	0.0678 BJ	< 0.503	--	--	< 0.0137
MW-11	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
MW-11	9/13/2021	< 0.10	< 0.052	< 0.10	< 0.052	< 0.10	< 0.052	< 0.052	< 0.052	< 0.10	< 0.10	< 0.21	< 0.10	< 0.052	< 0.10	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0659
MW-11	12/7/2021	< 0.10	< 0.052	< 0.10	< 0.052	< 0.10	< 0.052	< 0.052	< 0.052	< 0.10	< 0.10	< 0.21	< 0.10	< 0.052	0.38	< 0.10	< 0.21	--	< 0.10	< 0.10	< 0.0659
MW-12	2/20/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	4.81	0.897	0.782	6.489	--	--	< 0.007783
MW-12	5/13/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.463	0.328	0.0239 J	0.8149	--	--	< 0.007783
MW-12	8/27/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.257 B	0.235 J	0.0224 J	0.5144	--	--	< 0.007783
MW-12	11/25/2019	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.659	0.244 J	0.0269 J	0.9299	--	--	< 0.007783
MW-12	3/26/2020	--	--	--	< 0.00410	< 0.0116	< 0.00212	--	< 0.0136	< 0.0108	< 0.00396	--	--	< 0.0148	0.523	0.190 J	0.0407 J	0.754	--	--	< 0.007783
MW-12	6/2/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	0.519	0.138 J	0.0727 J	0.73	--	--	< 0.0137
MW-12	8/6/2020	--	--	--	< 0.0203	< 0.0184	< 0.0168	--	< 0.0202	< 0.0179	< 0.0160	--	--	< 0.0158	< 0.917	< 0.687	< 0.674	< 1.14	--	--	< 0.0137
MW-12	3/8/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
PAH Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent		Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene	Total Naphthalenes	Phenanthrene	Pyrene	Total cPAHS TEF
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA Method A Cleanup Levels		--	--	--	--	**0.1**	--	--	--	--	--	--	--	--	--	--	--	**160**	--	--	**0.1**
MW-12	6/9/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	1.6	0.44	0.59	--	< 0.10	< 0.10	< 0.0657
MW-12	9/13/2021	< 0.10	< 0.051	< 0.10	< 0.051	< 0.10	< 0.051	< 0.051	< 0.051	< 0.10	< 0.10	< 0.20	< 0.10	< 0.051	< 0.10	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0657
MW-12	12/7/2021	< 0.10	0.11	< 0.10	< 0.050	< 0.10	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.20	< 0.10	< 0.050	0.32	< 0.10	< 0.20	--	< 0.10	< 0.10	< 0.0655
MW-13	2/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.52	--	--	--	--	--	--
MW-13	5/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.51	--	--	--	--	--	--
MW-13	9/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.51	< 0.10	< 0.20	--	--	--	--
MW-13	12/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.48	< 0.096	< 0.19	--	--	--	--
MW-14	2/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--
MW-14	5/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	1.6	--	--	--	--	--	--
MW-14	9/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	0.26	< 0.21	--	--	--	--
MW-14	12/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	28	3.2	1.0	--	--	--	--
MW-15	2/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	4.3	--	--	--	--	--	--
MW-15	5/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	--	--	--	--	--	--
MW-15	9/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8	3.9	< 0.20	--	--	--	--
MW-15DUP	9/10/2024														3.7	3.8	< 0.20				
MW-15	12/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	1.0	< 0.20	--	--	--	--
MW-15DUP	12/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.48	2.0	< 0.19	--	--	--	--
MW-16	2/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.51	--	--	--	--	--	--
MW-16	5/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.50	--	--	--	--	--	--
MW-16	9/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.51	< 0.10	< 0.20	--	--	--	--

Definitions:
<1.0 = Concentrations were not detected above the laboratory method reporting limit.
µg/L = micrograms per liter.
-- = No value given/Not analyzed/Not applicable.
MTCA = Model Toxics Control Act.
TEF = Toxicity Equivalency Factor.

Lab Qualifiers:
B = The sample analyte was found in the associated blank.
J = The result is less than the reporting limit but greater than or requal to the method detection limit (MDL) and the concentration is an approximate value.

Notes:
Total carcinogenic polycyclic aromatic hydrocarbons (cPAHs) TEF results were calculated by multiplying individual PAH constituents by their corresponding toxicity equivalency factor (TEF) (MTCA Table 740-1).
If the result of an individual PAH constituent was below laboratory method reporting limits (MRLs), then half of the reporting limit was used in the calculation.
Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels.

Table 4
Select VOCs Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,2-TCA	1,1-DCE	1,3-Butadiene	Chloroform	Ethanol	Hexane
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA Method A Cleanup Levels		**5**	**5**	--	--	**0.2**	--	--	--	--	--	--
Well ID	**Date**											
GMW-1	8/27/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42	6.17
GMW-1	3/25/2020	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42.0 J0	< 0.305
GMW-1	6/2/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	< 42.0	< 0.749
GMW-1	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
GMW-1	6/9/2021	< 1.0 *+	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
GMW-1	9/13/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
GMW-1	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-1	6/3/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	< 42.0	< 0.749
MW-1	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-1	6/9/2021	< 1.0 *+	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-2	6/3/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	46.6 J	< 0.749
MW-2	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-2	6/9/2021	< 1.0 *+	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-2	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-3	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-3	6/9/2021	< 1.0 *+	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-3	9/13/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-3	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-4	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	11	4.0	--	81
MW-4	6/9/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *+	< 1.0	< 1.0	5.4	< 1.0	--	53
MW-4	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	31	< 1.0	3.1	< 1.0	--	41
MW-5	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0

Table 4
Select VOCs Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,2-TCA	1,1-DCE	1,3-Butadiene	Chloroform	Ethanol	Hexane
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA Method A Cleanup Levels		**5**	**5**	--	--	**0.2**	--	--	--	--	--	--
MW-6	6/2/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	< 42.0	< 0.749
MW-6	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-6	6/9/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *+	< 1.0	< 1.0	< 1.0 *1	< 1.0	--	< 3.0
MW-6	9/13/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-6	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-9	8/27/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42	< 0.305
MW-9	11/26/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	54.0 J,J4	< 0.305
MW-9	3/26/2020	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42.0 J0	< 0.305
MW-9	6/2/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	< 42.0	< 0.749
MW-9	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-9	6/9/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-9	9/13/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-9	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-11	8/27/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42	< 0.305
MW-11	11/25/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42 J4	< 0.305
MW-11	3/25/2020	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42 J0	< 0.305
MW-11	6/2/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	< 42.0	< 0.749
MW-11	3/8/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-11	6/9/2021	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-11	9/13/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-11	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-12	8/27/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42	< 0.305
MW-12	11/25/2019	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	3.39	< 0.188	< 0.157	< 0.0860	< 42 J4	1.82 J
MW-12	3/26/2020	< 0.199	< 0.153	< 0.0933	< 0.152	< 0.118	< 0.186	< 0.188	< 0.157	< 0.0860	< 42.0 J0	1.82 J
MW-12	6/2/2020	< 0.300	< 0.190	< 0.126	< 0.149	< 0.234	< 0.158	< 0.188	< 0.337 J0	< 0.111	< 42.0	1.54 J
MW-12	3/8/2021	< 1.0 F1F2	< 1.0 F1F2	< 1.0 F1F2	< 1.0 F1F2	< 1.0 F2	< 1.0 F1F2	< 1.0 F1F2	< 1.0 F2	< 1.0 F1F2	--	< 3.0 F2

Table 4
Select VOCs Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,2-TCA	1,1-DCE	1,3-Butadiene	Chloroform	Ethanol	Hexane
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA Method A Cleanup Levels		**5**	**5**	--	--	**0.2**	--	--	--	--	--	--
MW-12	6/9/2021	< 1.0 *+	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-12	9/13/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0
MW-12	12/7/2021	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	< 3.0

Definitions:

PCE = Tetrechloroethylene.

TCE = Trichloroethylene.

cis-1,2-DCE = cis-1,2-Dichloroethylene.

trans-1,2-DCE = trans-1,2-Dichloroethylene.

1,1,2-TCA = 1,1,2-Trichloroethane.

1,1-DCE = 1,1-Dichloroethylene.

µg/L = micrograms per liter.

< 1.0 = Concentrations were not detected above the laboratory method reporting limit.

-- = No value given/Not analyzed/Not applicable.

MTCA = Model Toxics Control Act.

Lab Qualifiers:

J = estimated value – The result is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ).

J0 = The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration met method criteria.

J4 = The associated batch QC was outside the established quality control range for accuracy.

*+ = The LCS and/or LCSD is outside acceptance limits, high biased.

F1 = MS and/or MSD recovery exceeds control limits.

F2 = MS/MSD RPD exceeds control limits.

Notes:

Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels.

Table 5
Soil Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent			B	T	E	X	MTBE	TPH-G	TPH-D	TPH-O	Lead	Total cPAHs TEF	Total Naphthalenes
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MTCA Method A Soil Cleanup Levels			**0.03**	**7**	**6**	**9**	**0.1**	**30**	**2,000**	**2,000**	**250**	**0.1**	**5**
Location ID	Sample Date	Sample Depth											
MW-3	3/23/1992	13	< 0.34	< 0.34	0.11	0.24	--	**43**	< 34	< 100	6.3	--	--
MW-3	3/23/1992	18.5	**0.94**	< 2.9	5.1	8.8	--	**140**	< 29	< 88	2.6	--	--
MW-1	5/6/1993	3	< 0.005	< 0.005	< 0.005	< 0.005	--	< 1.0	--	--	--	--	--
MW-2	5/7/1993	18	**0.48**	0.7	0.5	1.9	--	**190**	--	--	--	--	--
MW-4	5/7/1993	23	**6.6**	**26**	**11**	**71**	--	**1,200**	--	--	--	--	--
MW-5	5/7/1993	18	< 0.005	0.02	0.036	0.14	--	7	--	--	--	--	--
VE-1	4/26/1995	10	< 0.63	< 0.63	**24**	**160**	--	**3,500**	--	--	--	--	--
VE-1	4/26/1995	25	**1.7**	3.4	**8.2**	**40**	--	**1,300**	--	--	--	--	--
MW-6	6/1/1997	15	< 0.025	< 0.025	< 0.025	< 0.025	--	< 5.0	--	--	--	--	--
MW-6	6/1/1997	21	< 0.025	< 0.025	< 0.025	< 0.025	--	< 5.0	--	--	--	--	--
B-1	10/24/2002	4	< 0.020	< 0.05	0.88	3.0	--	**210**	--	--	--	--	--
B-2	10/24/2002	12	< 0.020	< 0.05	< 0.05	0.59	--	**240**	--	--	--	--	--
B-3	10/24/2002	15	< 0.020	< 0.05	< 0.05	< 0.05	--	< 5.0	--	--	--	--	--
GMW-1	12/21/2007	16	< 0.02	< 0.05	< 0.05	< 0.15	--	< 10	--	--	--	--	--
GMW-1	12/21/2007	21	< 0.02	< 0.05	< 0.05	< 0.15	--	10	--	--	--	--	--
GMW-1	12/21/2007	26	< 0.02	< 0.05	< 0.05	< 0.15	--	< 10	--	--	--	--	--
GMW-1	12/21/2007	36	< 0.02	< 0.05	< 0.05	< 0.15	--	< 10	--	--	--	--	--
MW-9	8/24/2010	13.5	< 0.0031	< 0.0031	< 0.0031	< 0.0094	--	< 6.2	< 19.8	< 79.2	1.9	--	--
MW-9	8/24/2010	21	< 0.0026	< 0.0026	< 0.0026	< 0.0078	--	< 5.2	< 20.5	< 81.9	1.4	--	--
MW-9	8/24/2010	35.5	< 0.0034	< 0.0034	< 0.0034	< 0.00101	--	< 6.2	< 21.5	< 85.9	1.7	--	--
MW-10	1/23/2012	15	< 0.0034	< 0.0034	< 0.0034	< 0.0103	< 0.0034	< 6.3	< 17.9	< 71.6	1.9	--	--
MW-10	1/23/2012	20	< 0.0044	< 0.0044	< 0.0044	< 0.0133	< 0.0044	< 6.7	< 19.3	< 77.1	2.4	--	--
MW-10	1/23/2012	25	< 0.0034	< 0.0034	< 0.0034	< 0.0103	< 0.0034	< 6.7	< 19.2	< 76.8	1.9	--	--
MW-10	1/23/2012	35	< 0.0030	< 0.0030	< 0.0030	< 0.0089	< 0.0030	< 6.1	< 19.0	< 75.8	2.7	--	--
SB-1	1/23/2012	15	0.0057	0.0092	0.488	0.135	< 0.0027	**555**	< 17.3	< 69.2	5.3	--	--
SB-1	1/23/2012	25	< 0.0031	< 0.0031	< 0.0031	< 0.0093	< 0.0031	< 6.4	< 19.3	< 77.1	1.6	--	--
SB-1	1/23/2012	35	< 0.0033	< 0.0033	< 0.0033	< 0.0098	< 0.0033	< 6.7	< 19.6	< 78.2	2.2	--	--
SB-1	1/23/2012	40	< 0.0031	< 0.0031	< 0.0031	< 0.0094	< 0.0031	< 6.4	< 19.4	< 77.7	2.2	--	--

Table 5
Soil Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

		Constituent	B	T	E	X	MTBE	TPH-G	TPH-D	TPH-O	Lead	Total cPAHs TEF	Total Naphthalenes
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MTCA Method A Soil Cleanup Levels			**0.03**	**7**	**6**	**9**	**0.1**	**30**	**2,000**	**2,000**	**250**	**0.1**	**5**
SB-2	1/24/2012	20	< 0.0034	< 0.0034	0.848	0.0178	< 0.0034	**1,500**	< 18.1	< 72.2	2.9	--	--
SB-2	1/24/2012	35	< 0.0030	< 0.0030	< 0.0030	< 0.0090	< 0.0030	< 6.5	< 19.0	< 75.8	2.7	--	--
SB-3	1/23/2012	5	0.0088	< 0.0035	0.0071	< 0.0106	< 0.0035	**392**	**2,710**	**9,400**	11.4	--	--
SB-3	1/24/2012	10	< 0.0031	< 0.0031	< 0.0031	< 0.0093	< 0.0031	**111**	68.4	330	11.4	--	--
SB-3	1/24/2012	20	**0.0956**	5.14	**13.2**	**50.8**	< 0.0558	**4,390**	102	< 68.4	4.4	--	--
SB-3	1/24/2012	50	**0.589**	< 0.0035	0.0368	< 0.0105	< 0.0035	< 6.6	< 19.5	< 77.8	4.4	--	--
EW-3	1/25/2012	15	< 0.0035	< 0.0035	< 0.0035	< 0.0105	< 0.0035	**30.1**	< 19.0	< 75.9	6.6	--	--
EW-3	1/25/2012	20	**0.069**	0.0923	0.232	0.699	< 0.0031	**621**	29.7	< 64.5	2.9	--	--
EW-3	1/25/2012	30	0.0201	0.0101	0.0113	0.036	< 0.0031	< 6.8	< 18.7	< 74.8	3.2	--	--
SB-4	1/25/2012	15	< 0.0031	< 0.0031	< 0.0031	< 0.0092	< 0.0031	**109**	< 17.0	< 68.2	3.0	--	--
SB-4	1/25/2012	20	< 0.0029	< 0.0029	< 0.0029	< 0.0086	< 0.0029	5.7	< 16.8	< 67.1	2.5	--	--
SB-4	1/25/2012	35	< 0.0029	< 0.0029	< 0.0029	< 0.0087	< 0.0029	< 6.5	< 19.6	< 78.4	4.5	--	--
EW-1	1/25/2012	15	**0.177**	0.53	**9.15**	**11.5**	< 0.0598	**2,160**	59.9	< 70.8	3.9	--	--
EW-1	1/26/2012	25	**2.54**	**12.7**	**10.5**	**51.8**	< 2.66	**3,270**	123	< 71.7	6.7	--	--
EW-1	1/26/2012	30	**0.259**	0.0942	0.0849	1.85	< 0.0031	**97.6**	< 18.8	< 75.4	3.2	--	--
EW-2	1/26/2012	10	0.0042	0.0054	0.0055	0.031	< 0.0030	**38.1**	< 19.6	< 78.4	8.3	--	--
EW-2	1/26/2012	15	**0.129**	0.0142	2.01	0.103	< 0.0027	**2,270**	25.5	< 73.9	5.1	--	--
EW-2	1/26/2012	30	0.005	< 0.0027	< 0.0027	< 0.0081	< 0.0027	9.8	< 19.0	< 76.0	3.3	--	--
AS-1	8/1/2013	15	< 0.0039	< 0.0039	< 0.0039	< 0.0117	--	< 5.9	< 16.2	< 64.8	--	0.01963	--
AS-1	8/1/2013	20	< 0.0227	< 0.0568	0.767	0.881	--	**989**	167	< 59.1	--	0.0179	--
AS-1	8/1/2013	25	< 0.0031	< 0.0031	0.0038	< 0.0093	--	< 5.7	< 14.9	< 59.7	--	0.018	--
AS-1	8/1/2013	27.5	< 0.005	< 0.0042	< 0.0042	< 0.0126	--	< 6.2	< 16.3	< 65	--	0.0196	--
VE-2	8/1/2013	10	< 0.0042	< 0.0042	< 0.0042	< 0.0127	--	< 6.6	< 16.7	< 66.7	--	0.0201	--
VE-2	8/1/2013	13.5	0.0036	< 0.0034	< 0.0034	< 0.0102	--	8.3	< 15.6	< 62.8	--	0.0188	--
AS-4	6/11/2014	15	0.0073	< 0.0011	0.0017 J	< 0.0011	--	< 1.6	< 3.6	< 12	--	--	--
AS-5	6/11/2014	25	**0.62**	0.19 J	0.12 J	0.46	--	18	30	43	--	--	0.176
AS-6	6/11/2014	25	**0.34**	0.46	0.54	2.2	--	**130**	< 3.8	< 13	--	--	0.1
AS-2	6/13/2014	20	0.0012 J	0.0027 J	0.031	0.0094	--	16	< 3.5	< 12	--	0.00058 J	0.0053
AS-3	6/13/2014	10	--	--	--	--	--	2.9 J	7.3 J	39	--	**0.7451**	--
AS-3	6/13/2014	15	< 0.027	< 0.054	< 0.054	0.33	--	7	17	< 11	--	0.01836	--
AS-3	6/13/2014	20	**0.085 J**	2.1	**8.3**	**33**	--	**1,800**	8.1	< 11	--	0.00055	--
AS-3	6/13/2014	25	**0.63 J**	**21**	**19**	**84**	--	**3,700**	5.6 J	< 12	--	0.00862	--

Table 5
Soil Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Constituent			B	T	E	X	MTBE	TPH-G	TPH-D	TPH-O	Lead	Total cPAHs TEF	Total Naphthalenes
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MTCA Method A Soil Cleanup Levels			**0.03**	**7**	**6**	**9**	**0.1**	**30**	**2,000**	**2,000**	**250**	**0.1**	**5**
VE-4	6/13/2014	10	< 0.026	0.061 J	0.14 J	0.98	--	**440**	520	290	--	**0.1846**	--
MW-11	10/19/2018	22.5	< 0.000471	0.0015	0.00118	< 0.00563	< 0.000347	1.37	< 1.57	< 3.92	0.462	< 0.00053379	0.00354
MW-11	10/19/2018	30	< 0.000500	0.00178	0.000696	< 0.00597	< 0.000369	1.62	1.67	< 4.16	1.28	< 0.00056625	0.00375
MW-12	10/19/2018	17.5	< 0.000443	0.023	0.00183	0.00787	< 0.000327	**54.2**	< 1.46	< 3.65	1.03	< 0.00049679	0.003285
MW-12	10/19/2018	22.5	< 0.000456	< 0.00142	0.0502	0.0314	< 0.000336	**106**	13.8	< 3.79	1.42	< 0.00051567	0.1033
MW-12	10/19/2018	25	< 0.000462	< 0.00144	0.00412	< 0.00552	< 0.000341	3.06	< 1.54	< 3.85	1.47	< 0.00052322	0.00468
MW-12	10/19/2018	32.5	< 0.000500	< 0.00156	0.000733	< 0.00597	< 0.000368	3.67	< 1.66	< 4.16	1.39	< 0.00056549	0.00375
SB-7	9/28/2023	10	< 0.024	< 0.072	< 0.048	< 0.048	< 0.048	< 4.8	< 54	< 54	6.6	--	0.011
SB-7	9/28/2023	20	< 0.028	< 0.083	< 0.055	< 0.055	< 0.055	**130**	< 51	< 51	2.3	--	< 0.0053
SB-7	9/28/2023	35	< 0.028	< 0.083	< 0.055	< 0.055	< 0.055	24	< 58	< 58	2.7	--	< 0.0060
SB-8	9/28/2023	4	< 0.018	< 0.055	< 0.037	< 0.037	< 0.037	< 3.7	< 54	< 54	4.9	--	< 0.0055
SB-8	9/28/2023	10	**0.15**	< 0.098	< 0.066	< 0.066	< 0.066	< 6.6	< 60	< 60	6.0	--	0.19
SB-8	9/28/2023	15	< 0.026	< 0.077	0.12	0.056	< 0.051	**180**	73	< 54	3.0	--	0.069
SB-8	9/28/2023	20	**0.36**	0.46	1.3	7.4	< 0.057	**800 *1**	< 57	< 57	7.0	--	0.57
SB-8	9/28/2023	25	< 0.027	< 0.08	< 0.053	< 0.053	< 0.053	6.9 *1	< 57	< 57	2.2	--	0.0086
SB-8	9/28/2023	30	**0.069**	0.65	0.73	4.1	< 0.054	**460**	< 57	< 57	4.0	--	0.084
SB-8	9/28/2023	35	**0.086**	0.5	0.41	2.3	< 0.057	**170**	< 55	< 55	2.6	--	0.05
SB-9	12/19/2023	5	< 0.0013	< 0.0065	< 0.0013	< 0.0065	< 0.0013	< 6.6	< 62	240	9.6	--	< 0.0062
SB-9	12/20/2023	10	0.0013	< 0.0059	< 0.0012	< 0.0059	< 0.0012	< 5.4	< 58	160	13	--	0.13
SB-9	12/20/2023	15	< 0.0011	< 0.0055	< 0.0011	< 0.0055	< 0.0011	< 5.5	< 56	< 56	3.2	--	0.0075
SB-9	12/20/2023	20	0.017	< 0.0051	0.057	< 0.0051	< 0.0010	**120**	< 54	< 54	3.2	--	0.037
SB-9	12/20/2023	25	0.0090	< 0.0049	0.042	0.017	< 0.00097	30	< 58	< 58	3.5	--	0.059
MW-14	12/18/2023	5	< 0.0011	< 0.0057	< 0.0012	< 0.0057	< 0.0011	< 4.8	< 57	< 57	4.1	--	< 0.0053
MW-14	12/21/2023	10	< 0.0012	< 0.0059	< 0.0012	< 0.0059	< 0.0012	7.4	< 61	< 61	5.3	--	< 0.0063
MW-14	12/21/2023	15	< 0.0012	< 0.0062	< 0.0012	< 0.0062	< 0.0012	**32**	< 59	< 59	3.6	--	< 0.0057
MW-14	12/21/2023	17.5	< 0.0012	< 0.0058	0.13	0.12	< 0.0012	**130**	< 55	< 55	1.8	--	0.070
MW-14	12/21/2023	20	< 0.0012	< 0.0060	0.042	0.048	< 0.0012	**39**	< 52	< 52	1.8	--	0.031
MW-14	12/21/2023	30	< 0.0012	< 0.0062	< 0.0012	< 0.0062	< 0.0012	**31**	< 62	< 62	2.7	--	< 0.0060
MW-15	12/19/2023	5	< 0.0012	< 0.0060	< 0.0012	< 0.0060	< 0.0012	< 6.1 H*1	< 61	< 61	6.4	--	< 0.0063
MW-15	12/20/2023	10	< 0.0011	< 0.0055	< 0.0011	< 0.0055	< 0.0011	< 5.8 *1	< 59	68	4.6	--	< 0.0059
MW-15	12/20/2023	15	< 0.0010	< 0.0050	< 0.0010	< 0.0050	< 0.0010	**1,200 H*1**	120	< 53	3.9	--	0.063
MW-15	12/20/2023	20	< 0.0012	< 0.0060	0.0033	< 0.0060	< 0.0012	**140 *1**	< 55	< 55	3.5	--	0.016
MW-15	12/20/2023	25	0.0012	< 0.0060	0.022	0.013	< 0.0012	8.6 *1	< 59	< 59	2.9	--	0.0098
MW-15	12/20/2023	30	< 0.0011	< 0.0055	< 0.0011	< 0.0055	< 0.0011	< 4.7 *1	< 55	69	11	--	0.041
MW-15	12/20/2023	35	< 0.0013	< 0.0063	0.0038	< 0.0063	< 0.0013	20 H*1	< 60	< 60	3.6	--	< 0.0060

Table 5
Soil Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

		Constituent	B	T	E	X	MTBE	TPH-G	TPH-D	TPH-O	Lead	Total cPAHs TEF	Total Naphthalenes
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MTCA Method A Soil Cleanup Levels			**0.03**	**7**	**6**	**9**	**0.1**	**30**	**2,000**	**2,000**	**250**	**0.1**	**5**
MW-16	12/19/2023	5	< 0.0013	< 0.0063	< 0.0013	< 0.0063	< 0.0013	< 6.2	< 64	< 64	7.2	--	< 0.0059
MW-16	12/22/2023	10	< 0.0014	< 0.0068	< 0.0014	< 0.0068	< 0.0014	< 6.9	< 64	< 64	7.5	--	< 0.0066 *-*1
MW-16	12/22/2023	15	< 0.0012	< 0.0062	< 0.0012	< 0.0062	< 0.0012	< 6.0	< 61	< 61	5.0	--	< 0.0059 *-*1
MW-16	12/22/2023	20	< 0.0013	< 0.0063	< 0.0013	< 0.0063	< 0.0013	< 5.6	< 60	< 60	2.8	--	< 0.0058 *-*1
MW-16	12/22/2023	25	< 0.0012	< 0.0060	< 0.0012	< 0.0060	< 0.0012	< 6.1	< 59	< 59	2.5	--	< 0.0059 *-*1
MW-16	12/22/2023	30	< 0.0013	< 0.0067	< 0.0013	< 0.0067	< 0.0013	9.1	< 64	< 64	2.3	--	< 0.0065 *-*1

Definitions:
B = Benzene.
T = Toluene.
E = Ethylbenzene.
X = Total xylenes.
MTBE = Methyl tert-butyl ether.
TPH-G = Total petroleum hydrocarbons as gasoline.
TPH-D = Total petroleum hydrocarbons as diesel.
TPH-O = Total petroleum hydrocarbons as oil.
cPAH = carcinogenic polycyclic aromatic hydrocarbons.
MTCA = Model Toxics Control Act.
mg/kg = Microgram per kilogram.
-- = No value given/Not analyzed/Not applicable.
< 1.0 = Concentrations were not detected above the laboratory report detection limit.
TEF = Toxicity Equivalency Factor.

Laboratory Qualifiers:
J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.
H = Sample was prepped or analyzed beyond the specified holding time.
*1 = laboratory control sample/laboratory control sample duplicate (LCS/LCSD) relative percent difference (RPD) exceeds control limits.
*- = LCS and/or LCSD is outside acceptance limits, low biased.

Notes:
The calculated total cPAH TEF values of the soil samples was the sum of cPAHs multiplied by
their corresponding toxicity equivalency factors (MTCA Table 740-1).
Total naphthalenes value is the sum of the naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene values.
Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels for soil.
Sample depth is in feet below ground surface.
VE-1 = Formerly known as VW-1. VW-1 was installed in April 1995 and the name was changed in April 1998 to VE-1. Referenced from the Arcadis 11/19/2010 Soil Vapor Extraction Pilot Test Workplan.
Reanalysis of the following sample were performed outside of the analytical holding time due to failure of quality control parameters in the initial analysis: MW-15-5, MW-15-10, and MW-15-35.

Table 6
Off-Site Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**	**5**	**5**	**--**	**--**	**0.2**
Well ID	Date																			
SB-1 (F)	10/18/2022	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	< 100	320	--	< 400	--	--	--	< 1.0	< 2.0	< 1.0	< 1.0	< 2.0
SB-3 (F)	10/19/2022	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	< 100	< 500	--	< 400	--	--	--	< 1.0	< 2.0	< 1.0	< 1.0	< 2.0
SB-4 (F)	10/19/2022	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	< 100	< 500	--	< 400	--	--	--	< 1.0	< 2.0	< 1.0	< 1.0	< 2.0
SB-5 (F)	10/19/2022	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	**1,200**	**2,100**	--	< 400	--	--	--	< 1.0	< 2.0	< 1.0	< 1.0	< 2.0
SB-6 (F)	10/20/2022	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	< 100	**1,300**	--	< 400	--	--	--	< 1.0	< 2.0	< 1.0	< 1.0	< 2.0
SB-7 (F)	2/2/2024	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	< 100	< 160	--	< 330	--	--	--	< 1.0	< 0.4	< 0.5	< 1.0	< 0.2
SB-8 (F)	2/2/2024	< 1.0	< 2.0	< 1.0	< 2.0	--	--	--	< 100	240	--	< 320	--	--	--	< 1.0	< 0.4	< 0.5	< 1.0	< 0.2
MW101 (S)	08/06/12	< 0.35	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 100	--	--	--	--	--	--	--	--	--	--	--
MW101 (S)	04/01/13	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW101 (S)	06/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW101 (S)	09/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 60	--	< 300	--	--	--	--	--	--	--	--
MW101 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW101 (S)	03/22/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 60	--	< 300	--	--	--	--	--	--	--	--
MW101 (S)	06/21/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW101 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW102 (S)	11/07/12	< 0.35	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 100	100	< 50	< 250	< 250	--	--	--	--	--	--	--
MW102 (S)	06/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW102 (S)	09/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW102 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW102 (S)	03/22/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 65	--	< 320	--	--	--	--	--	--	--	--
MW102 (S)	06/22/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW102 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW103 (S)	11/07/12	< 0.35	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 1.0	< 100	130	< 50	< 250	< 250	--	--	--	--	--	--	--
MW103 (S)	06/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 60	--	< 300	--	--	--	--	--	--	--	--
MW103 (S)	09/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	140[x]	--	< 375	--	--	--	--	--	--	--	--
MW103 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	120	--	< 250	--	--	--	--	--	--	--	--
MW103 (S)	03/22/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 80	--	< 400	--	--	--	--	--	--	--	--
MW103 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 750	--	< 1,500	--	--	--	--	--	--	--	--
MW104 (S)	11/07/12	**2,100**	10	120	418	< 1.0	< 1.0	< 1.0	**6,100**	**4,000**	--	< 250	--	--	--	--	--	--	--	--
MW104 (S)	03/06/13	**2,300**	110	470	870	--	--	--	**9,900**	**1,900[x]**	--	< 250	--	--	--	--	--	--	--	--
MW104 (S)	04/01/13	**2,600**	140	640	**1,300**	--	--	--	**20,000**	--	**540[x]**	--	< 250	--	--	--	--	--	--	--
MW104 (S)	06/12/14	**1,800**	120	480	**1,330**	--	< 0.01	--	**15,000**	**14,000[x]**	--	250[x]	--	--	--	--	--	--	--	--
MW104 (S)	03/17/16	1.2	1.8	2.2	5.7	--	--	--	480	**1,200[x]**	--	< 300	--	--	--	--	--	--	--	--
MW104 (S)	06/24/16	2.5	2.0	3.0	9.5	--	--	--	**940**	**3,200**	--	< 250	--	--	--	--	--	--	--	--
MW104 (S)	09/28/16	**7.2**	< 1.0	3.7	7.4	--	--	--	**940**	**4,000[x]**	--	340[x]	--	--	--	--	--	--	--	--
MW104 (S)	12/23/16	2.1	2.1	17	27	--	--	--	**2,000**	**16,000**	180[x]	380[x]	< 250	--	--	--	--	--	--	--
MW104 (S)	03/17/17	< 1.0	< 1.0	8.5	10	--	--	--	**1,400**	**7,900**	290[x]	< 400	< 400	--	--	--	--	--	--	--
MW104 (S)	06/15/17	< 1.0	< 1.0	4.0	3.1	--	--	--	700	**3,000**	370[x]	< 250	< 250	--	--	--	--	--	--	--
MW104 (S)	09/14/17	< 1.0	< 1.0	1.3	< 3.0	--	--	--	460	**2,200**	230[x]	< 300	< 250	--	--	--	--	--	--	--
MW104 (S)	12/12/17	< 1.0	1.1	1.3	< 3.0	--	--	--	340	**780[x]**	--	< 350	--	--	--	--	--	--	--	--
MW104 (S)	03/22/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	220	**590[x]**	--	< 250	--	--	--	--	--	--	--	--
MW104 (S)	06/21/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	130	**720**	--	< 350	--	--	--	--	--	--	--	--
MW104 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	480	--	< 350	--	--	--	--	--	--	--	--

Table 6
Off-Site Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**	**5**	**5**	**--**	**--**	**0.2**
MW105 (S)	12/13/12	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	140	**820[x]**	< 50	< 250	< 250	--	--	--	--	--	--	--
MW105 (S)	03/06/13	< 0.35	< 1.0	< 1.0	< 3.0	--	--	--	< 100	61[x]	--	< 250	--	--	--	--	--	--	--	--
MW105 (S)	06/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW105 (S)	09/13/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 60	--	< 300	--	--	--	--	--	--	--	--
MW105 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW105 (S)	03/22/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 65	--	< 320	--	--	--	--	--	--	--	--
MW105 (S)	06/21/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW105 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
RW02 (S)	07/16/14	1.1	2.5	380	**1,400**	--	--	--	**16,000**	**3,200[x]**	--	< 250	--	--	--	--	--	--	--	--
RW02 (S)	06/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
RW03 (S)	03/17/16	**41**	6.9	51	260	--	--	--	**2,300**	**1,400[x]**	--	< 250	--	--	--	--	--	--	--	--
RW03 (S)	06/24/16	**27**	4.4	27	59	--	--	--	**1,600**	**3,600**	--	< 250	--	--	--	--	--	--	--	--
RW03 (S)	09/28/16	**6.7**	< 1.0	20	45	--	--	--	**1,100**	**2,400[x]**	--	< 300	--	--	--	--	--	--	--	--
RW03 (S)	12/23/16	**470**	16	380	750	--	--	--	**9,000**	**11,000**	**720[x]**	< 300	< 300	--	--	--	--	--	--	--
RW03 (S)	03/02/17	**150**	<10	220	190	--	--	--	**4,900**	**11,000[x]**	**880[x]**	< 250	< 250	--	--	--	--	--	--	--
RW03 (S)	06/14/17	**7.0**	< 1.0	32	11	--	--	--	**1,300**	**1,500**	320[x]	< 250	< 250	--	--	--	--	--	--	--
RW03 (S)	09/14/17	2.8	1.3	15	4.5	--	--	--	560	**690[x]**	140[x]	< 300	< 300	--	--	--	--	--	--	--
RW03 (S)	12/12/17	**8.8**	17	39	170	--	--	--	**2,500**	**1,000[x]**	--	< 300	--	--	--	--	--	--	--	--
RW03 (S)	03/22/18	3.0	5.2	29	140	--	--	--	**2,100**	**760[x]**	--	< 250	--	--	--	--	--	--	--	--
RW03 (S)	06/22/18	< 1.0	2.3	31	34	--	--	--	730	**740[x]**	--	< 250	--	--	--	--	--	--	--	--
RW03 (S)	09/17/18	< 1.0	< 11	11	15	--	--	--	370	430	--	< 250	--	--	--	--	--	--	--	--
RW04 (S)	07/16/14	**1,200**	270	360	**1,700**	--	--	--	**17,000**	**4,600[x]**	--	270[x]	--	--	--	--	--	--	--	--
RW04 (S)	06/14/17	2.5	< 1.0	16	< 3.0	--	--	--	790	400	--	< 250	--	--	--	--	--	--	--	--
RW04 (S)	09/14/17	**6.4**	< 1.0	26	21	--	--	--	400	330[x]	--	< 250	--	--	--	--	--	--	--	--
RW04 (S)	12/12/17	3.0	1.1	12	5.2	--	--	--	360	200[x]	--	< 300	--	--	--	--	--	--	--	--
RW04 (S)	03/22/18	1.5	< 1.0	14	< 3.0	--	--	--	450	500[x]	--	< 250	--	--	--	--	--	--	--	--
RW04 (S)	06/21/18	< 1.0	2.6	4.8	4.5	--	--	--	360	400[x]	--	< 250	--	--	--	--	--	--	--	--
RW04 (S)	09/17/18	< 1.0	< 1.0	1.5	< 3.0	--	--	--	130	120	--	< 250	--	--	--	--	--	--	--	--
RW05 (S)	06/14/17	< 1.0	< 1.0	4.4	< 3.0	--	--	--	400	470	--	< 250	--	--	--	--	--	--	--	--
RW05 (S)	09/14/17	< 1.0	1.2	1.5	< 3.0	--	--	--	280	300[x]	--	< 300	--	--	--	--	--	--	--	--
RW05 (S)	12/12/17	< 1.0	1.3	1.5	< 3.0	--	--	--	230	170[x]	--	< 300	--	--	--	--	--	--	--	--
RW05 (S)	03/22/18	< 1.0	< 1.0	1.4	< 3.0	--	--	--	180	140[x]	--	< 260	--	--	--	--	--	--	--	--
RW05 (S)	06/21/18	< 1.0	1.4	1.4	< 3.0	--	--	--	140	180[x]	--	< 250	--	--	--	--	--	--	--	--
RW05 (S)	09/17/18	< 1.0	< 1.0	2.1	< 3.0	--	--	--	140	140	--	< 250	--	--	--	--	--	--	--	--
RW07 (S)	07/16/14	**110**	8.3	8.3	17	--	--	--	**1,600**	**1,100[x]**	--	< 250	--	--	--	--	--	--	--	--
RW09 (S)	07/16/14	**10**	18	70	34	--	--	--	**2,600**	**700[x]**	--	< 250	--	--	--	--	--	--	--	--
MW108 (S)	03/17/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	93[x]	--	< 300	--	--	--	--	--	--	--	--
MW108 (S)	06/24/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	<50	--	< 250	--	--	--	--	--	--	--	--
MW108 (S)	09/28/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	<60	--	< 300	--	--	--	--	--	--	--	--
MW108 (S)	12/23/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	94[x]	< 70	< 350	< 350	--	--	--	--	--	--	--
MW108 (S)	03/03/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 80	< 80	< 400	< 400	--	--	--	--	--	--	--
MW108 (S)	06/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	140[x]	--	< 250	--	--	--	--	--	--	--	--
MW108 (S)	09/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	160[x]	--	< 250	--	--	--	--	--	--	--	--
MW108 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW108 (S)	03/23/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	71[x]	--	< 250	--	--	--	--	--	--	--	--
MW108 (S)	06/21/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	150[x]	--	< 450	--	--	--	--	--	--	--	--

Table 6
Off-Site Groundwater Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT		B	T	E	X	MTBE	EDB	EDC	TPH-G	TPH-D	TPH-D with Silica Gel Cleanup	TPH-O	TPH-O with Silica Gel Cleanup	Dissolved Lead	Total Lead	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
UNIT		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MTCA METHOD A CLEANUP LEVELS		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**1,000/800[1]**	**500**	**500**	**500**	**500**	**15***	**15**	**5**	**5**	**--**	**--**	**0.2**
MW108 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	110	--	< 480	--	--	--	--	--	--	--	--
MW109 (S)	03/17/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	97[x]	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	06/24/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	160[x]	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	09/28/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	260[x]	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	12/23/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	250	430[x]	< 50	< 250	< 250	--	--	--	--	--	--	--
MW109 (S)	03/03/17	< 1.0	< 1.0	1.2	< 3.0	--	--	--	370	490[x]	55[x]	< 250	< 250	--	--	--	--	--	--	--
MW109 (S)	06/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	220	330	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	09/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	140[x]	--	< 300	--	--	--	--	--	--	--	--
MW109 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	150	< 50	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	03/23/18	< 1.0	< 1.0	1.1	< 3.0	--	--	--	190	110[x]	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	06/21/18	< 1.0	1.2	< 1.0	< 3.0	--	--	--	190	200	--	< 250	--	--	--	--	--	--	--	--
MW109 (S)	09/17/18	< 1.0	< 1.0	1.8	< 3.0	--	--	--	150	110[x]	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	03/17/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	06/24/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	100[x]	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	09/28/16	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	**590**[x]	--	440[x]	--	--	--	--	--	--	--	--
MW110 (S)	12/23/16	2.3	< 1.0	9.7	18	--	--	--	500	**1,200**	68[x]	< 300	< 300	--	--	--	--	--	--	--
MW110 (S)	03/03/17	2.1	< 1.0	9.3	4.7	--	--	--	570	**1,000**[x]	110[x]	< 250	< 250	--	--	--	--	--	--	--
MW110 (S)	06/14/17	< 1.0	< 1.0	2.0	< 3.0	--	--	--	260	**520**	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	09/14/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	150[x]	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	12/12/17	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	99[x]	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	03/23/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	73[x]	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	06/21/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	96[x]	--	< 250	--	--	--	--	--	--	--	--
MW110 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--
														--	--	--	--	--	--	--
MW111 (S)	10/09/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	55[x]	--	< 250	--	--	--	--	--	--	--	--
MW113 (S)	03/23/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	93[x]	--	< 250	--	--	--	--	--	--	--	--
MW113 (S)	06/21/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	71[x]	--	< 250	--	--	--	--	--	--	--	--
MW113 (S)	09/17/18	< 1.0	< 1.0	< 1.0	< 3.0	--	--	--	< 100	< 50	--	< 250	--	--	--	--	--	--	--	--

Definitions:
B = Benzene.
T = Toluene.
E = Ethylbenzene.
X = Total xylenes.
MTBE = Methyl tert-butyl ether.
TPH-G = Total petroleum hydrocarbons as gasoline.
TPH-D = Total petroleum hydrocarbons as diesel.
TPH-O = Total petroleum hydrocarbons as oil.
EDB = Ethylene dibromide.
EDC = 1,2-Dichloroethane.
PCE = Tetrachloroethylene.
TCE = Trichloroethylene.
cis-1,2-DCE = cis-1,2-Dichloroethylene.
trans-1,2-DCE = trans-1,2-Dichloroethylene.
Total Naphthalenes = Summation of values for naphthalene, 1-methylnaphthalene and 2-methylnaphthalene. If all values are below laboratory method reporting limits, the highest reporting limit is used.
1,000/800[1] = The MTCA Method A Cleanup Level for TPH-G is 1,000 µg/L if no detectable levels of benzene in the sample, otherwise it is 800 µg/L.
15* = The MTCA Method A Cleanup Level for dissolved lead of 15 µg/L is based off of that of total lead.
< 1.0 = Concentrations were not detected above the laboratory method reporting limit.
µg/L = Micrograms per liter.
-- = No value given/Not analyzed/Not applicable.
MTCA = Model Toxics Control Act.

Notes:
Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels.
[x]The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
SB-X(F) indicates data collected from environmental assessments conducted at Franciscan property located at 4550 Fauntleroy
MW101 (S) indicates data collected from environmental assessments conducted at the former Shell branded gas station at
3901 Southwest Alaska Street, Seattle, Washington.

Table 7
Off-Site Soil Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

CONSTITUENT			B	T	E	X	TPH-G	TPH-D	TPH-O	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MTCA Method A Cleanup Levels			0.03	7	6	9	30	2,000	2,000	0.03	0.05	--	--	--
Sample Location	**Date**	**Depth (ft)**												
SB-1(F)	10/18/2022	20	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-1(F)	10/18/2022	25	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-1(F)	10/18/2022	30	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-2(F)	10/18/2022	20	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-2(F)	10/18/2022	25	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-2(F)	10/18/2022	30	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-3(F)	10/19/2022	20	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-3(F)	10/19/2022	25	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-3(F)	10/19/2022	30	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-4(F)	10/19/2022	20	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-4(F)	10/19/2022	25	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-4(F)	10/19/2022	30	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-5(F)	10/19/2022	20	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-5(F)	10/19/2022	25	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-5(F)	10/19/2022	30	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-6(F)	7/20/2022	20	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-6(F)	7/20/2022	25	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-6(F)	7/20/2022	30	< 0.02	< 0.10	< 0.05	< 0.15	< 10	< 50	< 250	< 0.2	< 0.03	< 0.03	< 0.03	< 0.2
SB-7 (F)	2/2/2024	20	< 0.012	< 0.06	< 0.030	< 0.089	< 6.0	< 57	< 290	< 0.012	< 0.012	< 0.03	< 0.018	< 0.012
SB-7 (F)	2/2/2024	25	< 0.018	< 0.090	< 0.045	< 0.14	< 9.0	< 62	< 310	< 0.018	< 0.018	< 0.045	< 0.027	< 0.018
SB-7 (F)	2/2/2024	30	< 0.015	< 0.077	< 0.038	< 0.12	< 7.7	< 65	< 320	< 0.015	< 0.015	< 0.038	< 0.023	< 0.015
SB-8 (F)	2/2/2024	25	< 0.014	< 0.072	< 0.036	< 0.11	< 7.2	< 62	< 310	< 0.014	< 0.014	< 0.036	< 0.022	< 0.014
SB-8 (F)	2/2/2024	30	< 0.012	< 0.059	< 0.029	< 0.088	< 5.9	< 60	< 300	< 0.012	< 0.012	< 0.029	< 0.018	< 0.012
SB-8 (F)	2/2/2024	35	< 0.014	< 0.068	< 0.034	< 0.10	< 6.8	< 65	< 320	< 0.014	< 0.014	< 0.034	< 0.020	< 0.014

Table 7
Off-Site Soil Analytical Data
Former ARCO Facility No. 11060
4580 Fauntleroy Way Southwest, Seattle, Washington

Definitions:
B = Benzene.
T = Toluene.
E = Ethylbenzene.
X = Total xylenes.
TPH-G = Total petroleum hydrocarbons as gasoline.
TPH-D = Total petroleum hydrocarbons as diesel.
TPH-O = Total petroleum hydrocarbons as oil.
PCE = Tetrechloroethylene.
TCE = Trichloroethylene.
cis-1,2-DCE = cis-1,2-Dichloroethylene.
trans-1,2-DCE = trans-1,2-Dichloroethylene.
mg/kg = milligrams per kilogram.
< 1.0 = Concentrations were not detected above the laboratory method reporting limit.
-- = No value given/Not analyzed/Not applicable.
MTCA = Model Toxics Control Act.
ft = feet below ground surface.

Notes:
Sample depth is in feet below ground surface.

SB-X(F) indicates data collected from environmental assessments conducted at Franciscan property located at 4550 Fauntleroy Way Southwest.

Figures

USGS Topographic Map 1:24000
Duwamish Head, WA 2017

FIGURE 1

SITE LOCATION MAP
FORMER ARCO FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE	
WA - 11060 SEATTLE	*SAA*	*1:24,000*	
DATE	REVIEWED BY	MAP SCALE	
2/15/2021	*JS*	*1 INCH = 2,000 FEET*	

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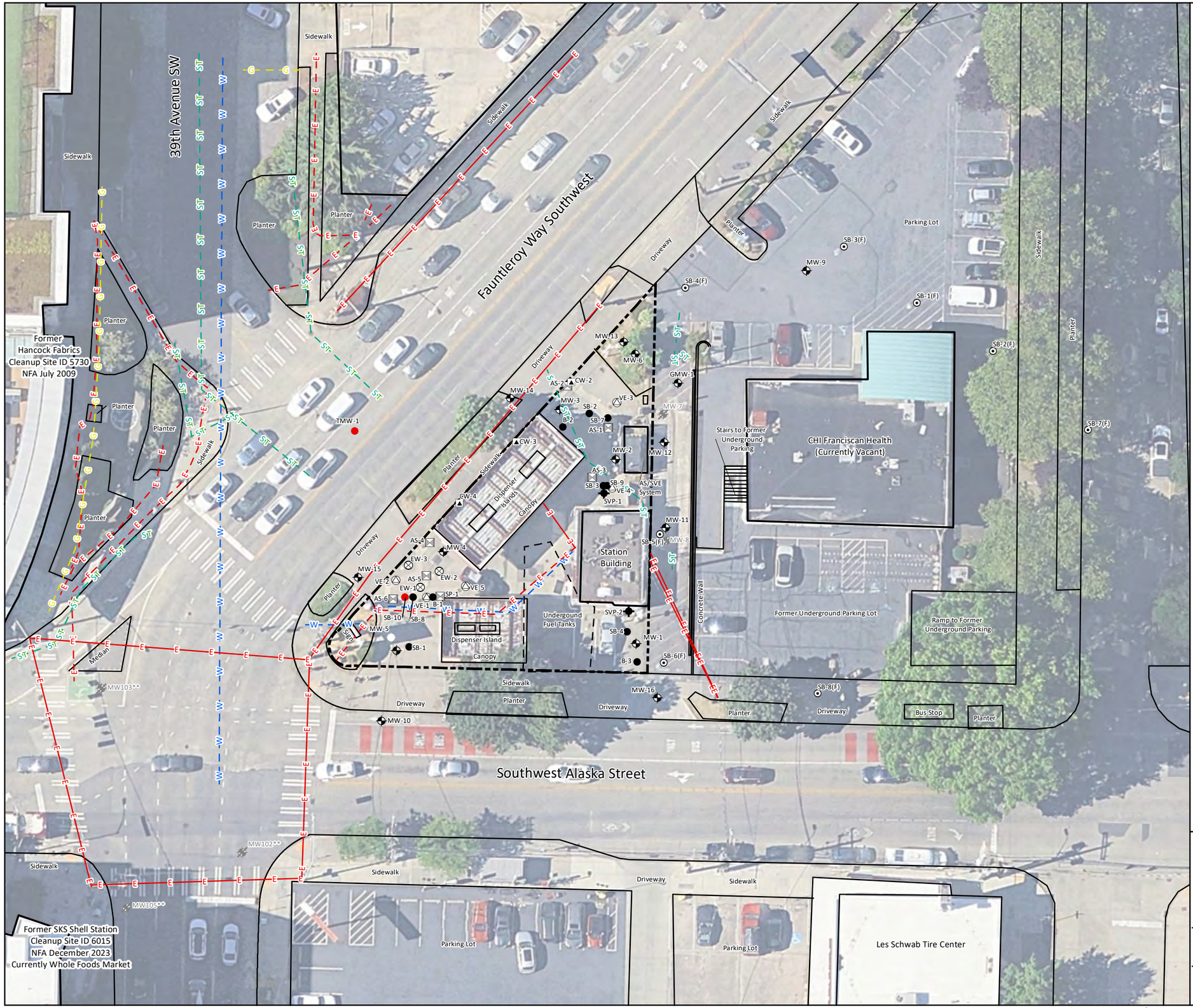

Legend

- Proposed Soil Boring
- Monitoring Well
- Abandoned Monitoring Well
- Extraction Well
- Air Sparge Well
- Soil Vapor Probe
- Vapor Extraction Well
- Combination Air Sparge and Vapor Extraction Well
- Soil Boring
- Soil Boring (2023 Franciscan Phase II Assessment)
- Overhead Electric Line
- Underground Electric Line
- Underground Gas Line
- Underground Stormwater Line
- Underground Water Line
- Approximate Property Line

** Monitoring wells associated with the SKS Shell Station Cleanup Site 6015.

0 10 20 30 60 90 Feet

N

FIGURE 2

SITE AERIAL MAP
FORMER ARCO FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
11060	*MH/JH*	*1:420*
DATE	**REVIEWED BY**	**MAP SCALE**
7/30/2025	*BSM*	*1 INCH = 35 FEET*

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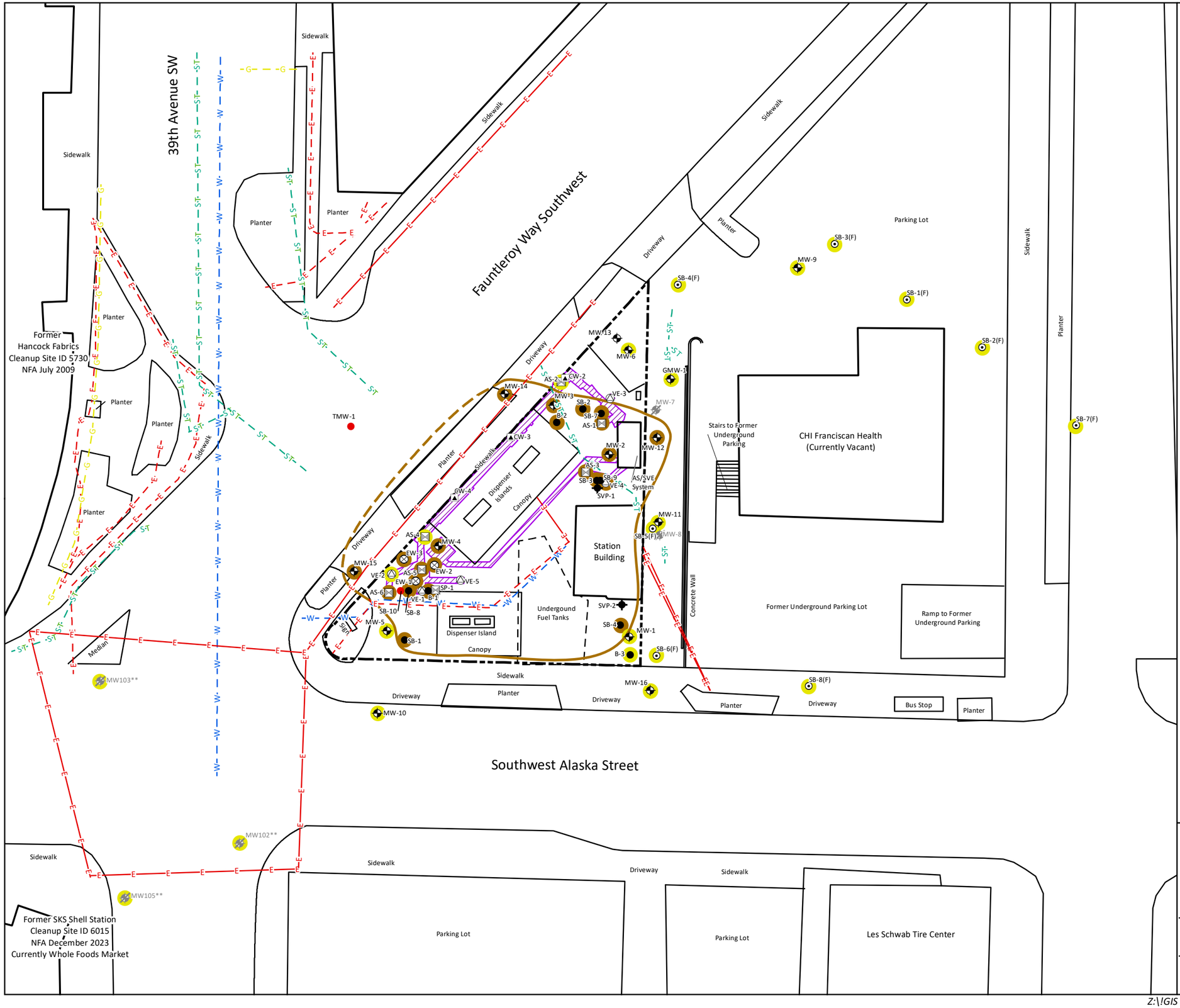

Legend

- Proposed Soil Boring
- Monitoring Well
- Abandoned Monitoring Well
- Extraction Well
- Air Sparge Well
- Soil Vapor Probe
- Vapor Extraction Well
- Combination Air Sparge and Vapor Extraction Well
- Soil Boring
- Soil Boring (2023 Franciscan Phase II Assessment)
- Overhead Electric Line
- Underground Electric Line
- Underground Gas Line
- Underground Stormwater Line
- Underground Water Line
- Approximate Property Line
- Trench Location
- Constituents Analyzed Do Not Exceed MTCA Method A Cleanup Levels
- One or More Constituents Analyzed Exceed MTCA Method A Cleanup Levels
- Approximate MTCA Method A Site Boundary Line for Soil
- Dashed Where Inferred

Notes:

** = Monitoring Wells associated with the SKS Shell Station Cleanup Site 6015

MTCA = Model Toxics Control Act

0 10 20 30 60 90 Feet

N

FIGURE 3

MTCA SITE BOUNDARY MAP FOR SOIL
FORMER ARCO FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
11060	*MH*	*1:420*
DATE	REVIEWED BY	MAP SCALE
7/30/2025	*BSM*	*1 INCH = 35 FEET*

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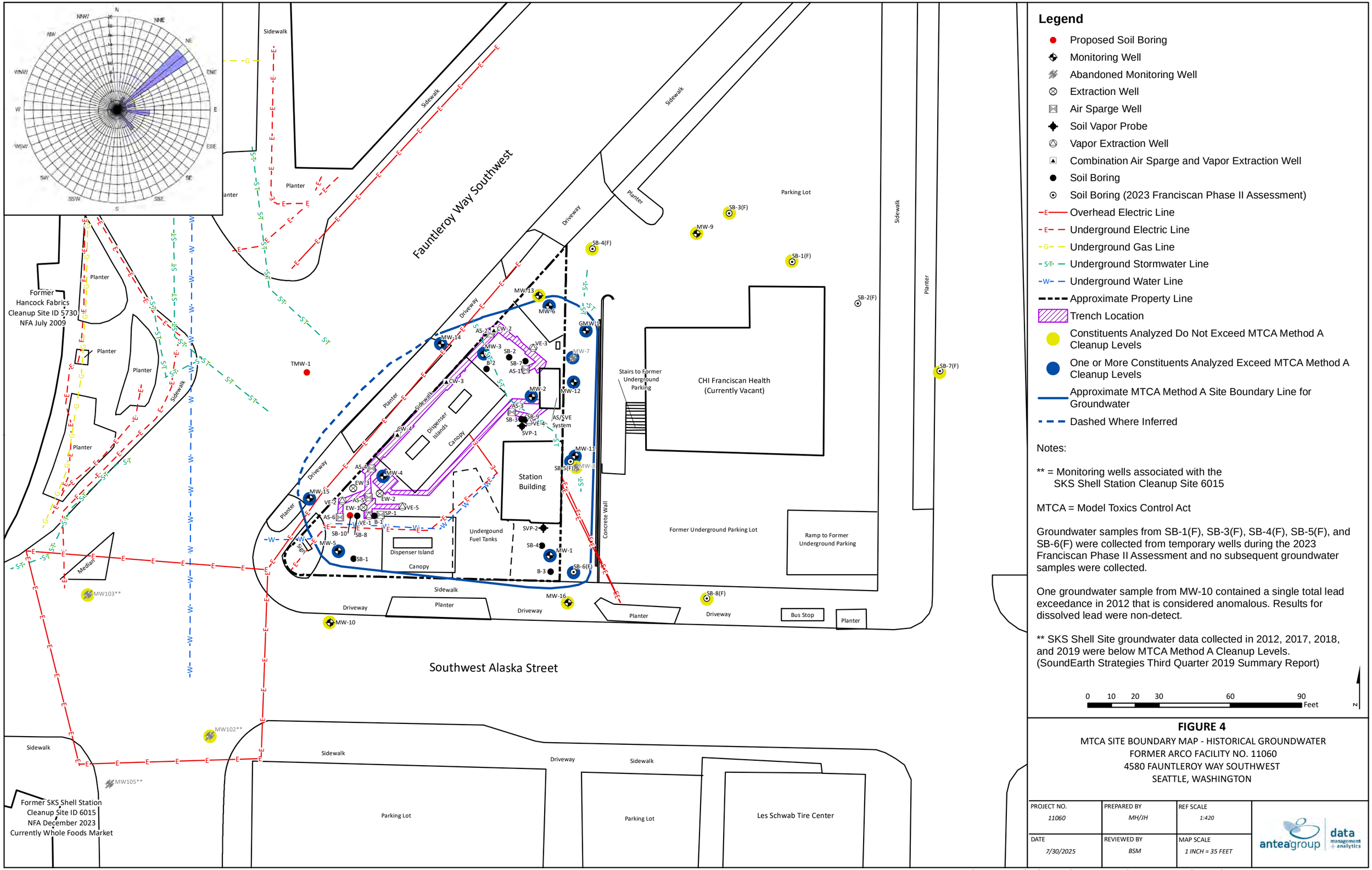

Legend

- Proposed Soil Boring
- Monitoring Well
- Abandoned Monitoring Well
- Extraction Well
- Air Sparge Well
- Soil Vapor Probe
- Vapor Extraction Well
- Combination Air Sparge and Vapor Extraction Well
- Soil Boring
- Soil Boring (2023 Franciscan Phase II Assessment)
- Overhead Electric Line
- Underground Electric Line
- Underground Gas Line
- Underground Stormwater Line
- Underground Water Line
- Approximate Property Line
- Trench Location
- Constituents Analyzed Do Not Exceed MTCA Method A Cleanup Levels
- One or More Constituents Analyzed Exceed MTCA Method A Cleanup Levels
- Approximate MTCA Method A Site Boundary Line for Groundwater
- Dashed Where Inferred

Notes:

** = Monitoring wells associated with the SKS Shell Station Cleanup Site 6015

MTCA = Model Toxics Control Act

Groundwater samples from SB-1(F), SB-3(F), SB-4(F), SB-5(F), and SB-6(F) were collected from temporary wells during the 2023 Franciscan Phase II Assessment and no subsequent groundwater samples were collected.

One groundwater sample from MW-10 contained a single total lead exceedance in 2012 that is considered anomalous. Results for dissolved lead were non-detect.

** SKS Shell Site groundwater data collected in 2012, 2017, 2018, and 2019 were below MTCA Method A Cleanup Levels. (SoundEarth Strategies Third Quarter 2019 Summary Report)

0 10 20 30 60 90 Feet

N

FIGURE 4

MTCA SITE BOUNDARY MAP - HISTORICAL GROUNDWATER
FORMER ARCO FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
11060	*MH/JH*	*1:420*
DATE	REVIEWED BY	MAP SCALE
7/30/2025	*BSM*	*1 INCH = 35 FEET*

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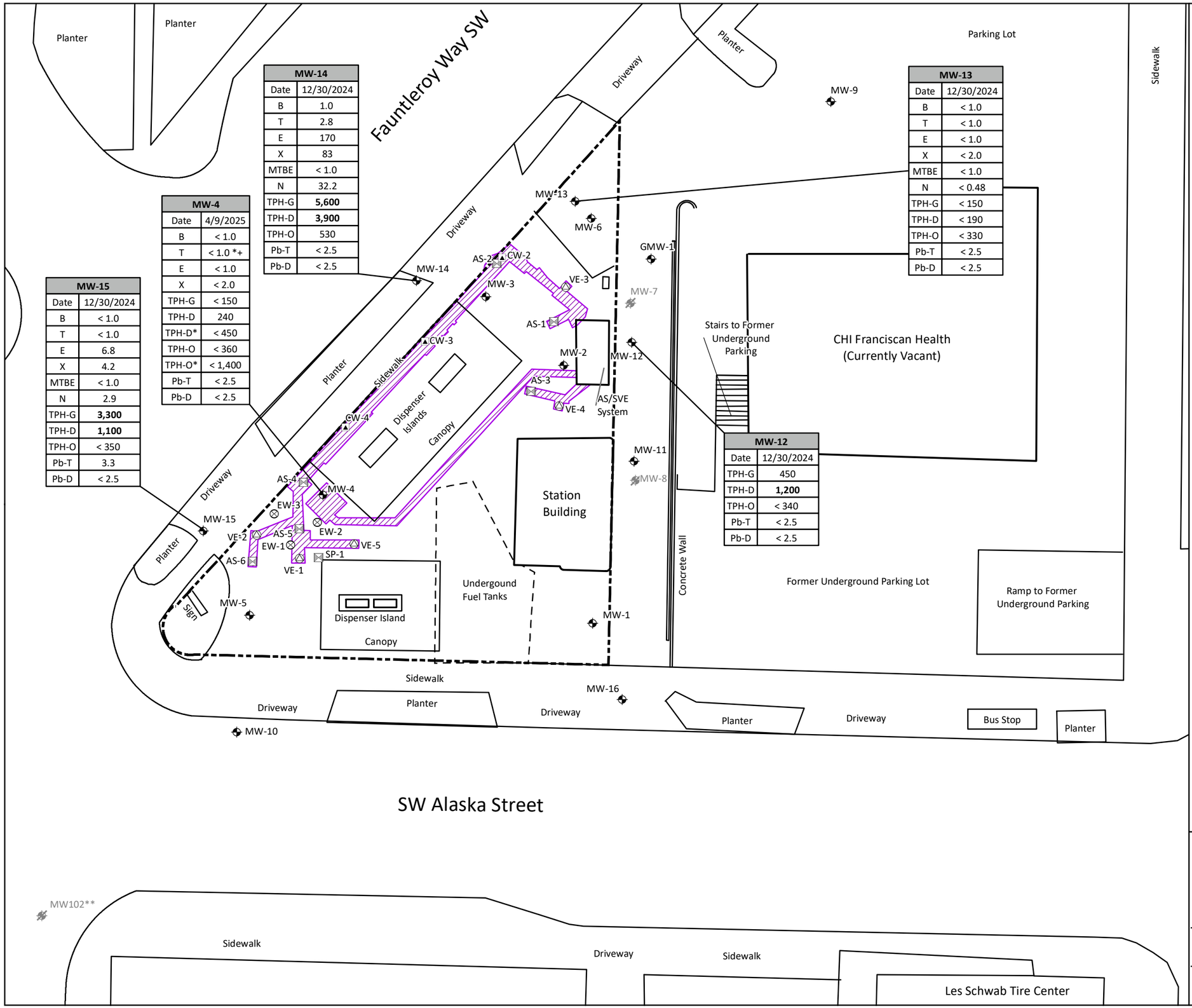

MW-14	
Date	12/30/2024
B	1.0
T	2.8
E	170
X	83
MTBE	< 1.0
N	32.2
TPH-G	**5,600**
TPH-D	**3,900**
TPH-O	530
Pb-T	< 2.5
Pb-D	< 2.5

MW-13	
Date	12/30/2024
B	< 1.0
T	< 1.0
E	< 1.0
X	< 2.0
MTBE	< 1.0
N	< 0.48
TPH-G	< 150
TPH-D	< 190
TPH-O	< 330
Pb-T	< 2.5
Pb-D	< 2.5

MW-4	
Date	4/9/2025
B	< 1.0
T	< 1.0 *+
E	< 1.0
X	< 2.0
TPH-G	< 150
TPH-D	240
TPH-D*	< 450
TPH-O	< 360
TPH-O*	< 1,400
Pb-T	< 2.5
Pb-D	< 2.5

MW-15	
Date	12/30/2024
B	< 1.0
T	< 1.0
E	6.8
X	4.2
MTBE	< 1.0
N	2.9
TPH-G	**3,300**
TPH-D	**1,100**
TPH-O	< 350
Pb-T	3.3
Pb-D	< 2.5

MW-12	
Date	12/30/2024
TPH-G	450
TPH-D	**1,200**
TPH-O	< 340
Pb-T	< 2.5
Pb-D	< 2.5

Legend

- Monitoring Well
- Abandoned Monitoring Well
- Extraction Well
- Air Sparge Well
- Vapor Extraction Well
- Combination Air Sparge and Vapor Extraction Well
- Approximate Property Line
- Trench Location

Notes:

** = Monitoring Wells associated with the SKS Shell Station Cleanup Site 6015.

All concentrations reported in micrograms per liter (µg/L)

B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
N = Total naphthalenes
TPH-G = Total petroleum hydrocarbons as gasoline
TPH-D = Total petroleum hydrocarbons as diesel
TPH-D* = Total petroleum hydrocarbons as diesel with Silica Gel Cleanup
TPH-O = Total petroleum hydrocarbons as oil
TPH-O* = Total petroleum hydrocarbons as oil with silica gel cleanup
Pb-T = Total lead
Pb-D = Dissolved lead
< = Concentrations were not detected above the laboratory method reporting limit
Bold = Value above MTCA Method A Cleanup Level
MTCA = Model Toxics Control Act
*+ = Laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) is outside acceptance limits, high biased

0 5 10 15 20 25 50 75 Feet

N

FIGURE 5
GROUNDWATER ANALYTICAL MAP
DECEMBER 30, 2024 AND APRIL 9, 2025
FORMER ARCO FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
11060	*JLH/MH*	*1:300*
DATE	**REVIEWED BY**	**MAP SCALE**
7/8/2025	*LD*	*1 INCH = 25 FEET*

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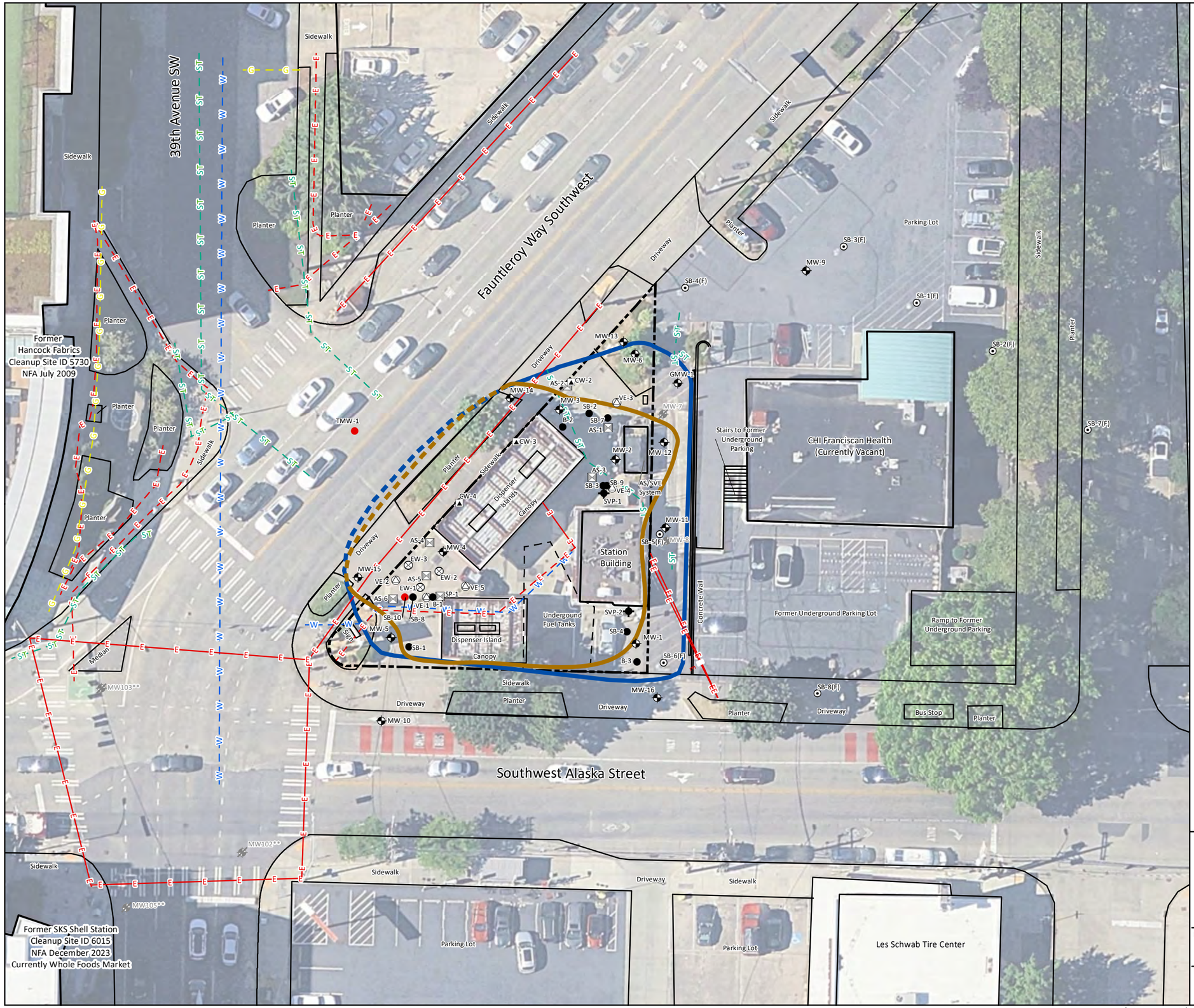
Z:\!GIS Projects\BP\BP_WA\11060 Seattle\Project Number\Layout\11060GWA 2Q25.mxd



Legend

- Proposed Soil Boring
- Monitoring Well
- Abandoned Monitoring Well
- Extraction Well
- Air Sparge Well
- Soil Vapor Probe
- Vapor Extraction Well
- Combination Air Sparge and Vapor Extraction Well
- Soil Boring
- Soil Boring (2023 Franciscan Phase II Assessment)
- Overhead Electric Line
- Underground Electric Line
- Underground Gas Line
- Underground Stormwater Line
- Underground Water Line
- Approximate Property Line
- Approximate MTCA Method A Site Boundary Line for Soil
- Dashed Where Inferred
- Approximate MTCA Method A Site Boundary Line for Groundwater
- Dashed Where Inferred

** Monitoring wells associated with the SKS Shell Station Cleanup Site 6015.

0 10 20 30 60 90 Feet

N

FIGURE 6

PROPOSED SOIL BORING AND MONITORING WELL LOCATION MAP
FORMER ARCO FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO.	PREPARED BY	REF SCALE
11060	*MH/JH*	*1:420*
DATE	**REVIEWED BY**	**MAP SCALE**
7/30/2025	*BSM*	*1 INCH = 35 FEET*

anteagroup | data management + analytics

Z:\!GIS Projects\BP\BP_WA\11060 Seattle\Project Number\Layout\11060 SiteMap_WProposed2025.mxd

Appendix A – Boring Logs

ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING CW-1

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/24/96

CLIENT: BP Oil Company

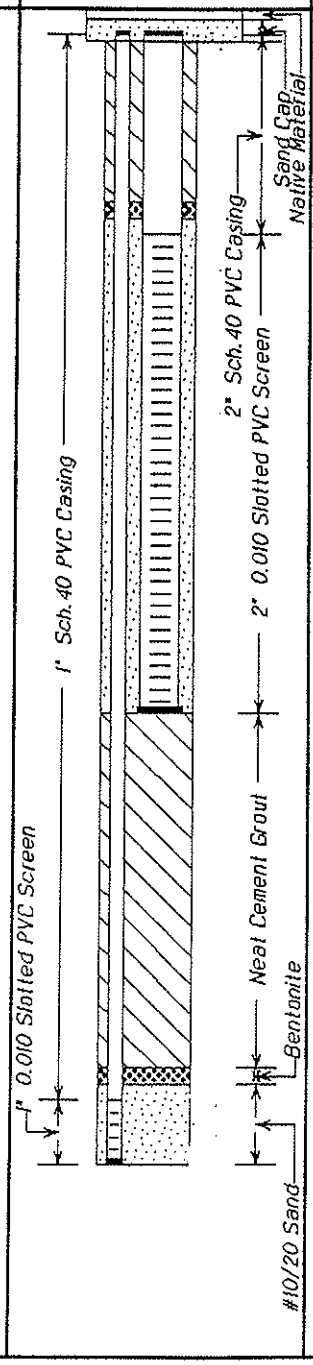
LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington

DRILLING METHOD: Hollow-Stem Auger (10"); logged from cuttings

DRILLING COMPANY: Geotech Exploration CASING ELEVATION:

LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
			6			Pt	PEAT: organic and sandy soils.
			12			SM	silty SAND: gray, dense; fine- to medium-grained sand; minor gravel to 1/2-inch-diameter.
	8+		24			SP	SAND: gray, dense; medium-grained sand; larger cobbles.
			30				
			36				Boring terminated at 38 feet.



ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING CW-2

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/24/98

CLIENT: BP Oil Company

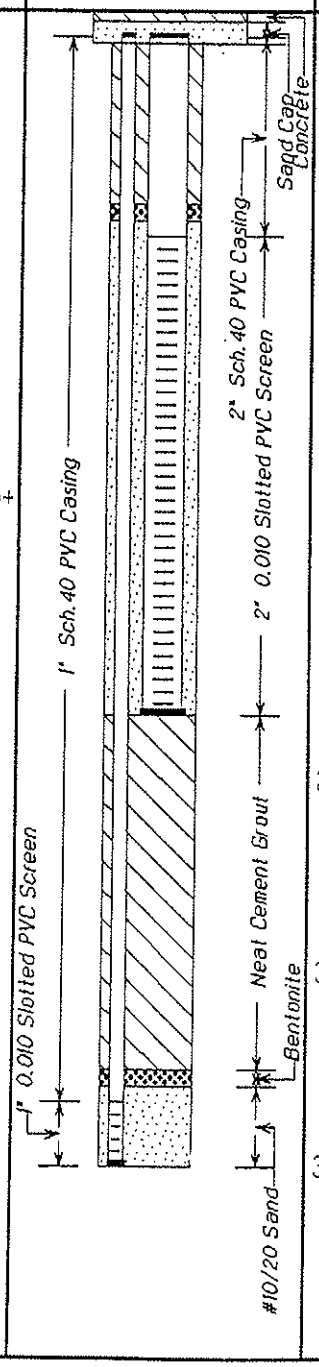
LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington

DRILLING METHOD: Hollow-Stem Auger (10"); logged from cuttings

DRILLING COMPANY: Geotech Exploration CASING ELEVATION:

LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
							8" concrete underlain with wood debris and compacted crushed rock (fill)
						OH	silty organic soils: brown.
			6			SM	silty SAND: gray brown, damp, dense; fine- to medium-grained sand; minor gravel to 1/2-inch-diameter.
	300+		12				Same: at 15 feet, damp, more dense; fine-grained sand; increased silt.
			18				
			24				
			30				
			36				Boring terminated at 36 feet.



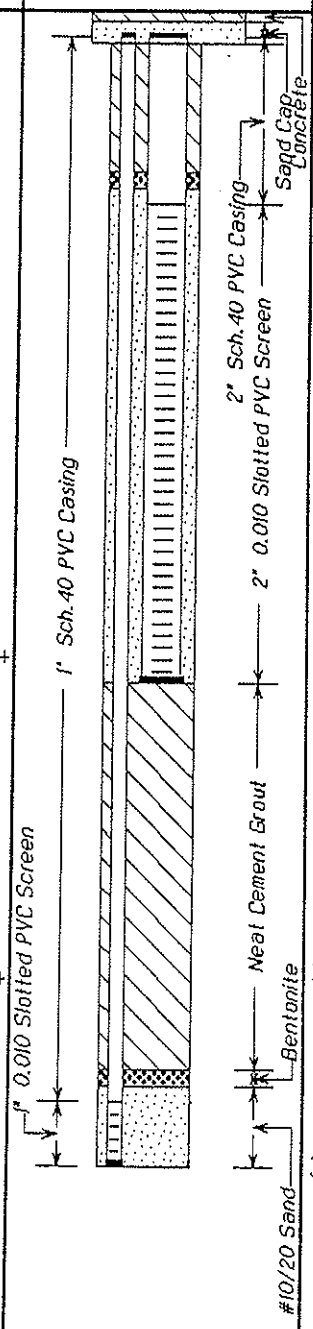
ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING CW-3

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/25/96
CLIENT: BP Oil Company
LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington
DRILLING METHOD: Hollow-Stem Auger (10"); logged by cuttings
DRILLING COMPANY: Geotech Exploration CASING ELEVATION:
LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
							8" concrete underlain by 2 feet of crushed rock (fill)
			6			SM	silty SAND: gray, moist, compact; fine- to medium-grained sand; minor gravel up to 1/2-inch-diameter.
	600+		12				
			18				
			24			SW	SAND: gray, damp, very dense; less silt.
	400+		30				
			36				Boring terminated at 38 feet.



ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING CW-4

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/25/90
CLIENT: BP Oil Company
LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington
DRILLING METHOD: Hollow-Stem Auger (10"); logged by cuttings
DRILLING COMPANY: Geotech Exploration CASING ELEVATION:
LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
			0				8" concrete underlain by 12" of crushed rock (fill)
						GP	Sand and building debris; large cobbles up to 8- to 8-inches-diameter.
			6			ML	silty SAND: gray, moist, dense; fine- to medium-grained sand; minor gravel up to 1/2-inch-diameter.
			12				
			18			ML	silty SAND: gray brown, moist, dense; plastic.
	300+		24				Same: at 23 feet, very dense.
			30				
			36				Boring terminated at 38 feet.

WELL DIAGRAM: 2" Sch.40 PVC Casing; Sand Cap; Concrete; 1" Sch.40 PVC Casing; 2" 0.010 Slotted PVC Screen; 1" 0.010 Slotted PVC Screen; Neat Cement Grout; Bentonite; #10/20 Sand

ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING CW-5

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/25/96

CLIENT: BP Oil Company

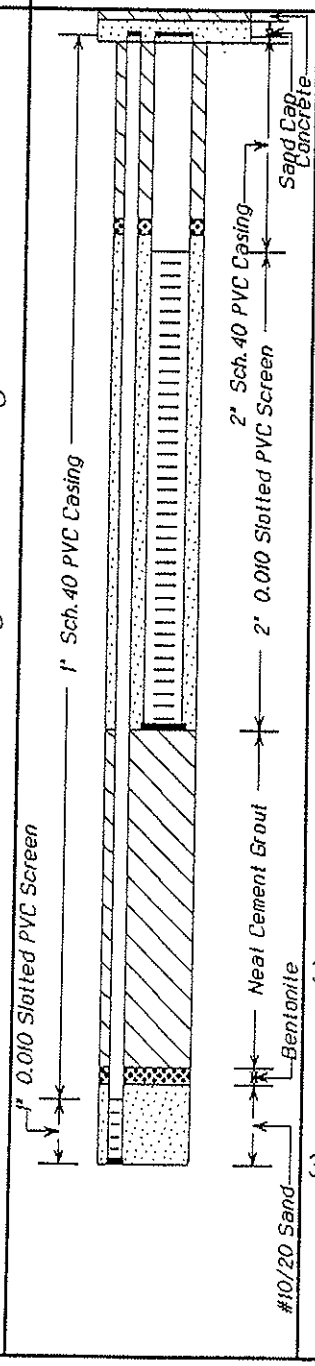
LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington

DRILLING METHOD: Hollow-Stem Auger (10"); logged by cuttings

DRILLING COMPANY: Geotech Exploration CASING ELEVATION:

LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
							10" concrete underlain by 6" of crushed rock (fill)
			6			GW	Pea Gravel (fill)
	30		12			SW	SAND: gray; well graded (fill).
	150		18			SM	silty SAND: gray brown; fine- to medium-grained sand; minor gravel to 1/2-inch-diameter; progressively more silty material.
			24				
			30				
			36				Boring terminated at 36 feet.



ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING CW-6

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/24/96

CLIENT: BP Oil Company

LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington

DRILLING METHOD: Hollow-Stem Auger (10"); logged by cuttings

DRILLING COMPANY: Geotech Exploration CASING ELEVATION:

LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						Pt	PEAT: brown; organic and silty soils.
			6			SM	silty SAND: gray, damp; fine- to medium-grained sand; minor gravel up to 1/2-inch-diameter.
	300+	1" Sch.40 PVC Casing; 1" 0.010 Slotted PVC Screen; 2" Sch.40 PVC Casing; Sand Cap; Native Material; 2" 0.010 Slotted PVC Screen; Neat Cement Grout; Bentonite; #10/20 Sand	12				
			18				
			24				Same: at 25 feet, more dense.
			30				
			36				Boring terminated at 36 feet.

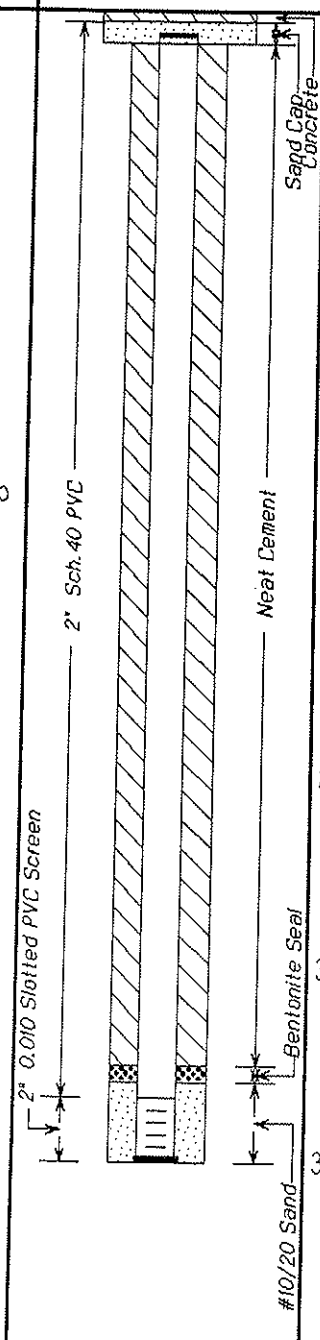
ALISTO ENGINEERING GROUP
TUKWILA, WASHINGTON

LOG OF BORING SP-2

SEE SITE PLAN

ALISTO PROJECT NO: 20-007-03 DATE DRILLED: 07/25/96
CLIENT: BP Oil Company
LOCATION: 4580 Fauntleroy Way S.W., Seattle, Washington
DRILLING METHOD: Hollow-Stem Auger (8"); logged by cuttings
DRILLING COMPANY: Geotech Exploration CASING ELEVATION:
LOGGED BY: G.B.L. APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
							8" concrete underlain by 12" of crushed rock (fill)
			6			SM	silty SAND: gray; fine- to medium-grained sand; minor gravel to 1/2-inch-diameter.
	50		12				Same: at 18 feet, increasing density.
			18				
			24				
			30				
			36				Boring terminated at 38 feet.



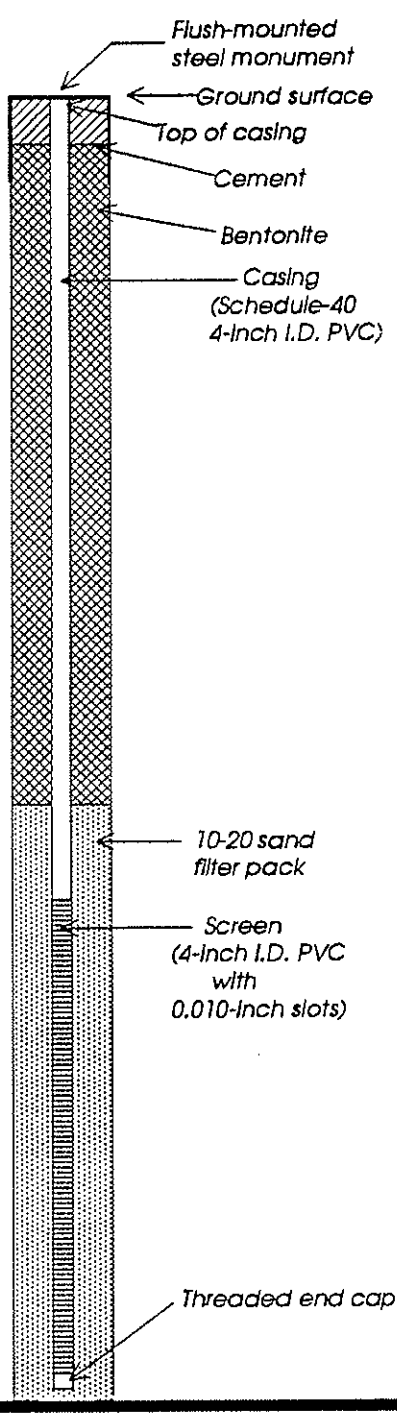
PROJECT: *BP Fauntleroy* W.O. *W-8783-1* WELL NO. *B-1/MW-1*

Elevation reference: Well completed: *06 May 1993*
Ground surface elevation: Casing elevation: *99.31 feet*

AS-BUILT DESIGN

Page 1 of 1

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	OVM READING	GROUND WATER
0	*Concrete over very moist, gray, very fine sandy SILT with some gravel*					
		X	S-1	5		
5						
	Loose, moist, gray, SILT with some gravel and very fine sand		S-2	5	0	
10						
	Loose, moist, red, SAND with some silt and trace of gravel		S-3	8	0	
15	*Medium dense, moist, gray, fine to medium SAND with trace silt and gravel*		S-4	24	0	
20	*Medium dense to slightly dense, wet, gray to mottled limonite brown orange, fine SAND with trace silt interbedded with SAND with some silt*		S-5	19	0	ATD
25	*Medium dense to slightly dense, saturated, gray to mottled, very fine SAND with trace silt*		S-6	25	2	
	Bottom of boring at 27.5 feet.					
30						



TESTING

LEGEND

- 2-inch O.D. split-spoon sample
- X Sample not recovered
- ATD Observed groundwater level, ATD = at time of drilling

RZA AGRA, Inc.
Geotechnical & Environmental Group

11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034-6918

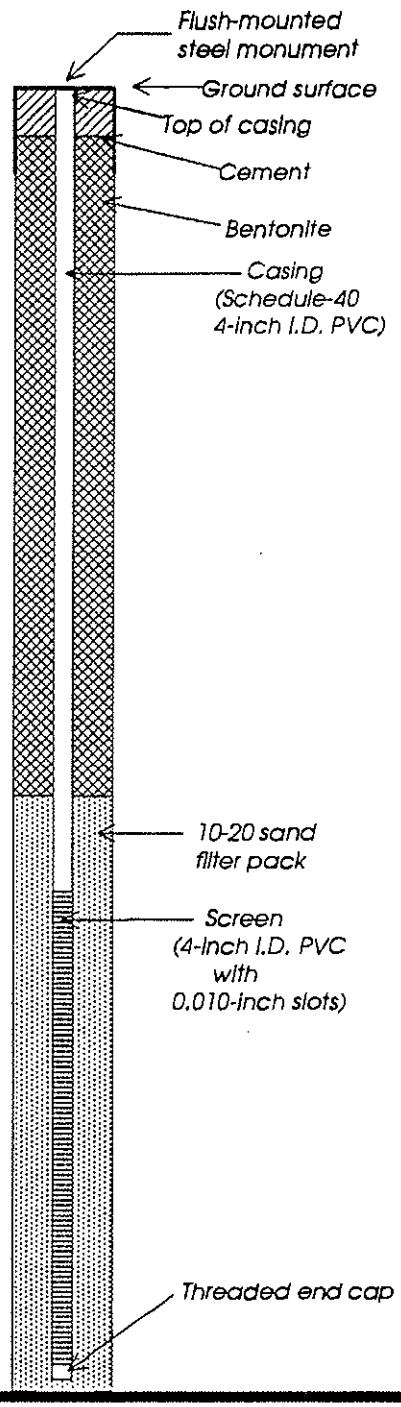
Drilling started: *06 May 1993* Drilling completed: *06 May 1993* Logged by: *JC*

PROJECT: *BP Fauntleroy* W.O. *W-8783-1* WELL NO. *B-2/MW-2*

Elevation reference: Well completed: *07 May 1993*
Ground surface elevation: Casing elevation: *98.73 feet*

AS-BUILT DESIGN

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	OVM READING	GROUND WATER	TESTING
0	*Concrete*						
	Loose, gray-brown, silty, gravelly SAND (Fill)						
	Loose, moist, tan, silty CLAY with some organics		S-1	5	0		
5							
	Loose, moist, gray, sandy SILT with trace gravel to tan silty CLAY						
	Loose, moist, reddish-brown mottled, silty SAND with some gravel		S-2	9	0		
10							
	Loose, moist, mottled gray-brown (except where stained black), silty SAND with some clay		S-3	7	5		
15	*Medium dense, moist, olive gray-green mottled gray, fine sandy SILT with trace gravel*		S-4	25	1		
	Medium dense, moist to wet, mottled gray and orange brown, medium SAND with some silt and trace gravel		S-5	27	539		
20	*Medium dense, moist to wet, gray mottled orange brown, silty SAND with some clay*		S-6	18	338		
	Very dense, moist to wet, gray mottled orange brown, silty SAND with trace gravel and clay		S-7	61	73		
25							
	Bottom of boring at 27.5 feet.						
30							



LEGEND

2-inch O.D. split-spoon sample

RZA AGRA, Inc.
Geotechnical & Environmental Group

11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034-6918

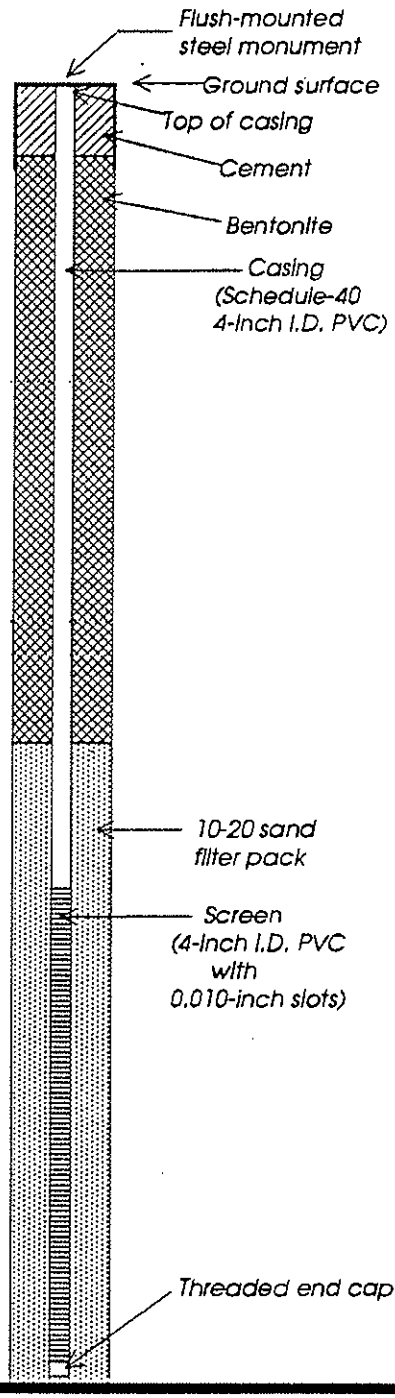
Drilling started: *07 May 1993* Drilling completed: *07 May 1993* Logged by: *JC*

PROJECT: *BP Fauntleroy* W.O. *W-8783-1* WELL NO. *B-3/MW-4*

Elevation reference: Well completed: *07 May 1993*
Ground surface elevation: Casing elevation: *99.77 feet*

AS-BUILT DESIGN

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	OVM READING	GROUND WATER	TESTING
0	*Concrete over moist, gray, SAND with some silt and gravel and wood fragments*						
	Medium dense, moist, gray, clayey SILT with varying sand		S-1	8	375		
5							
	Same as above with sand pockets		S-2	7	16		
10			S-3	6			
15							
	Very dense, moist, brown-gray, fine to medium SAND with trace to some silt and trcae gravel		S-4	82	852		
20							
	Dense, saturated, gray mottled redish brown, medium SAND grading in to and interbedded with brown, sandy SILT		S-5	35	618	ATD	
25							
	Dense, saturated, gray stained orange in fine layers, very fine SAND with trace silt		S-6	31	111		
30	*Bottom of boring at 27.5 feet.*						



LEGEND

2-inch O.D. split-spoon sample

Sample not recovered

RZA AGRA, Inc.
Geotechnical & Environmental Group

11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034-6918

Drilling started: *07 May 1993* Drilling completed: *07 May 1993* Logged by: *JC*

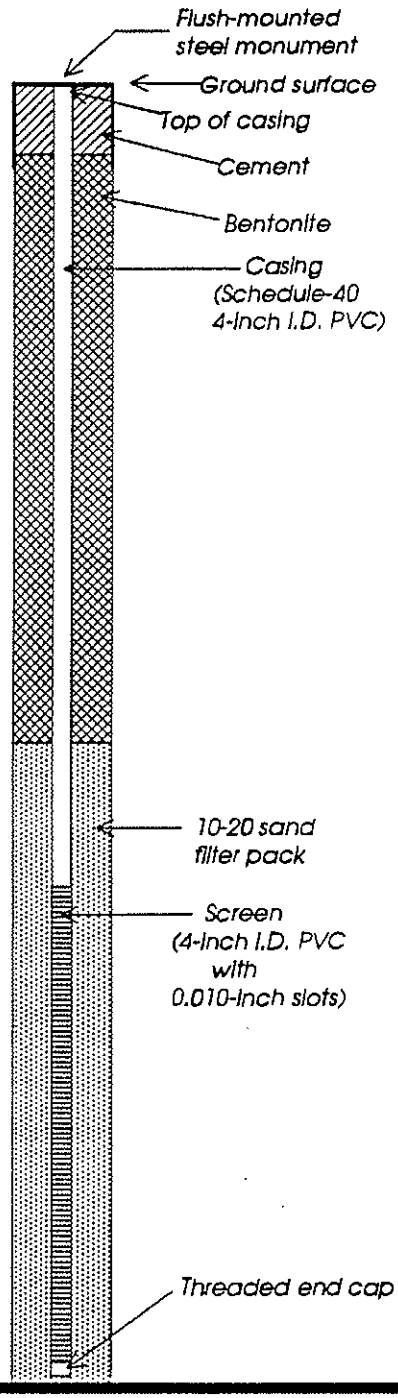
PROJECT: *BP Fauntleroy* W.O. *W-8783-1* WELL NO. *B-4/MW-5*

Elevation reference: Well completed: *07 May 1993*
Ground surface elevation: Casing elevation: *100.31 feet*

AS-BUILT DESIGN

Page 1 of 1

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	OVM READING	GROUND WATER	TESTING
0	*Concrete over moist, brown, silty SAND with some gravel (Fill)*						
	Loose, moist, gray mottled orange, CLAY with some silt and veins of medium sand		S-1	9	0		
5							
	Same as above with trace to some gravel		S-2	7	0		
10							
	Loose, moist to wet, gray-black, mixed sandy SILT and silty CLAY with trace gravel		S-3	10	31		
15	*Same as above not stained black, moist*		S-4	23	648		
	Medium dense, moist to wet, gray-brown, very fine SAND		S-5	32	560		
20							
	Dense, wet, tan-gray with spots of gray, very fine SAND with trcae silt		S-6	35	35		
25	*Same as above saturated*		S-7	45	1		
	Bottom of boring at 27.5 feet.						
30							



LEGEND

2-inch O.D. split-spoon sample

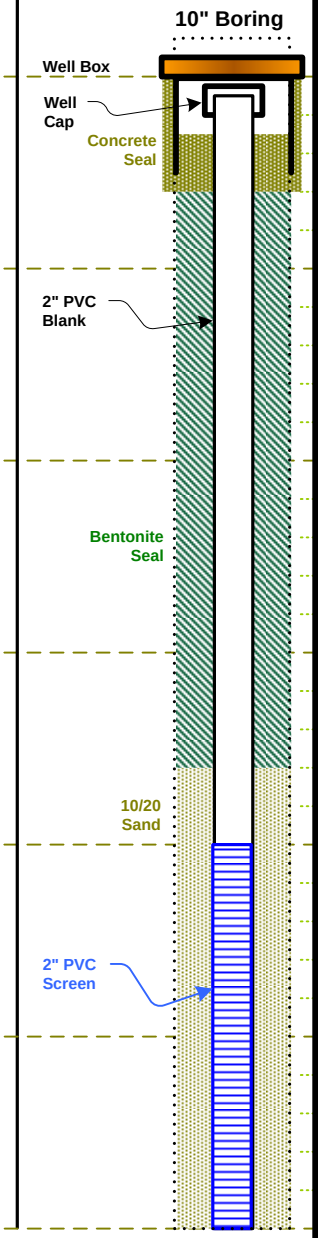
RZA AGRA, Inc.
Geotechnical & Environmental Group

11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034-6918

Drilling started: *07 May 1993* Drilling completed: *07 May 1993* Logged by: *JC*

01-0542-b-gmw1.vsd

Depth in feet	BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)
0				Surface: Asphalt			
				Brown Gravelly silty Sand in cuttings. No samples to 10 feet.		SM	
5							
10	6 6 12		GMW1-11	Moist Blue-gray sandy Silt with oxidation and wood fibers.	70	ML	0.0
15	8 8 8		GMW1-16	Blue-gray silty Clay	80	CL	0.0
20	29 30 32		GMW1-21	Blue-gray silty fine Sand. Slight gasoline odor.	70	SP	32
25	20 25 21		GMW1-26	Wet gray Sand.	70		2.5
				EOB at 25			
30							



Continued on Page 2

Drilling Method:	Hollow-stem auger	Date:	12-21-07	Other Information:
Drilling Company:	Cascade Drilling	Weather:		
Boring Diameter:	2.5 inch Sampler	Page	1 of 2	
Logged By:	Rob Roberts			

g-logics

Boring/Well Log
Huling Site C
4550 Fauntleroy Way SW
Seattle, WA

GMW-1

Date Start/Finish: 1/25/2012-1/26/2012
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 12"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 31.5 ft.
Surface Elevation: NM

Descriptions By: Samuel Miles

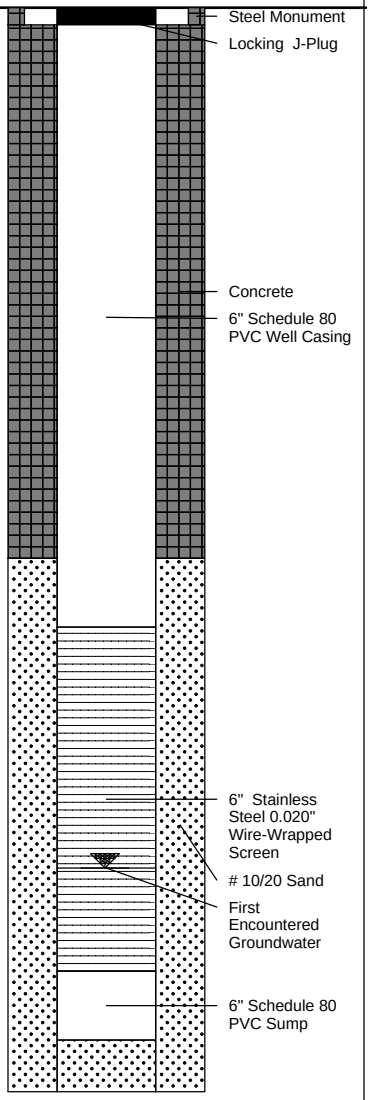
Well/Boring ID: **EW-1**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Silty sand, fine to medium sand, low plasticity, brown, no HCLO.
5	-5		5.0-6.0	5.0-6.0	AK	D	8.7		
10	-10		10.0-11.5	10.0-11.5	8 6 8	D	8.1		Sandy silt, fine to medium sand, medium plasticity, grey/brown, no HCLO.
15	-15		15.0-16.5	15.0-16.5	20 20 26	D	>800		Fine to medium sand with trace gravel and silt, low plasticity, grey, HCLO.
20	-20		20.0-21.5	20.0-21.5	20/6 50/6	M	>800		
25	-25		25.0-26.5	25.0-26.5	21/20	W	>500		Silty sand, fine to medium sand, non plastic,grey/brown, HCLO.
30	-30		30.0-31.5	30.0-31.5	21 16 18	W	>400		Silty sand, fine to medium sand, non plastic,grey/brown, HCLO.
									End of boring @ 31.5'

Well/Boring Construction



ARCADIS
Infrastructure · Water · Environment · Buildings

Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Samples:
EW-1-15'
EW-1-30'

ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Avalible
NR = No Recovery
W = Wet

EW-1-25'

Project: GP09BPNAWA48 K0000
Data File:

Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1/23/2012-1/24/2012
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 12"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 31.5 ft.
Surface Elevation: NM

Descriptions By: Samuel Miles

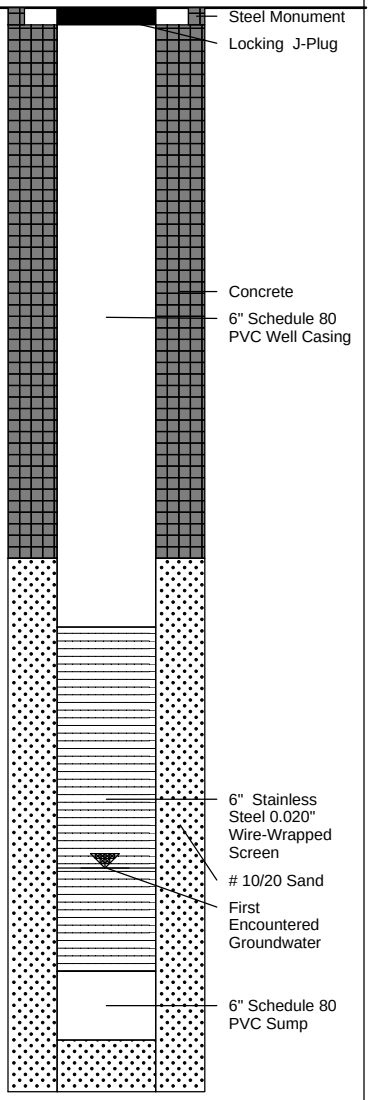
Well/Boring ID: **EW-2**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Silty sand, fine to medium sand, low plasticity, brown, no HCLO.
5	-5		5.0-6.0	5.0-6.0	AK	D	3.7		
10	-10		10.0-11.5	10.0-11.0	3 4 5	D	7.4		Silty sand, fine to medium sand, low plasticity, brown, no HCLO.
15	-15		15.0-16.5	15.0-16.5	8 10 11	D	>500		Silty sand, fine to medium sand, low plasticity, brown, strong HCLO.
20	-20		20.0-21.5	20.0-21.5	18 26 22	M	>500		Medium sand with trace silt, low plasticity, some cobbles, brown, HCLO.
25	-25		25.0-26.5	25.0-26.5	16 19 25	W	164.1		Sandy silt, medium plasticity, brown/grey, HCLO.
30	-30		30.0-31.5	30.0-31.5	19 22 22	W	20.4		Silty sand, fine sand, low plasticity, brown, no HCLO.
									End of boring @ 31.5'

Well/Boring Construction



ARCADIS
Infrastructure · Water · Environment · Buildings

Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Samples:
EW-2-10'
EW-2-30'

ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet

EW-2-15'

Project: GP09BPNAWA48 K0000
Data File:

Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1/24/2012-1/25/2012
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 12"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 31.5 ft.
Surface Elevation: NM

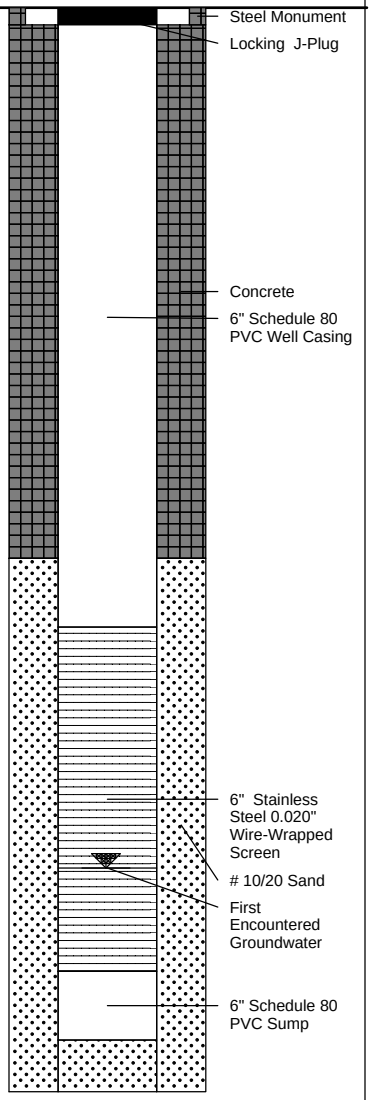
Descriptions By: Samuel Miles

Well/Boring ID: **EW-3**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Silty sand, fine to medium sand, low plasticity, gray brown, no HCLO.
5	-5		5.0-6.0	5.0-6.0	AK	D	6.3		
10	-10		10.0-11.5	10.0-11.5	6 6 7	D	5.7		Silty sand, fine to medium sand, some gravel, low plasticity, grey/brown, no HCLO.
15	-15		15.0-16.5	15.0-16.5	10 12 10	D	10.1		Silty sand, fine sand, some gravel, medium plasticity, grey/brown.
20	-20		20.0-21.5	20.0-21.5	50/6	D	>800		Fine to medium sand with some gravel, low plasticity, grey/brown, HCLO.
25	-25		25.0-26.5	25.0-26.5	31 30 30	M/W	>150		Medium sand with trace silt, grey/brown, HCLO.
30	-30		30.0-31.5	30.0-31.5	36 50/6	W	51.4		Silty sand, fine sand, low plasticity, brown, HCLO.
									End of boring @ 31.5'



ARCADIS
Infrastructure · Water · Environment · Buildings

Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Samples:
EW-3-15'
Dup-2

ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet

EW-3-20'
EW-3-30'

Project: GP09BPNAWA48 K0000
Data File:

Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1-23-12
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 8"
Rig Type: Hollow Stem Auger
Sampling Method: 16-Inch Split-Spoon

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 36.5 ft.
Surface Elevation: NM

Descriptions By: Samuel Miles

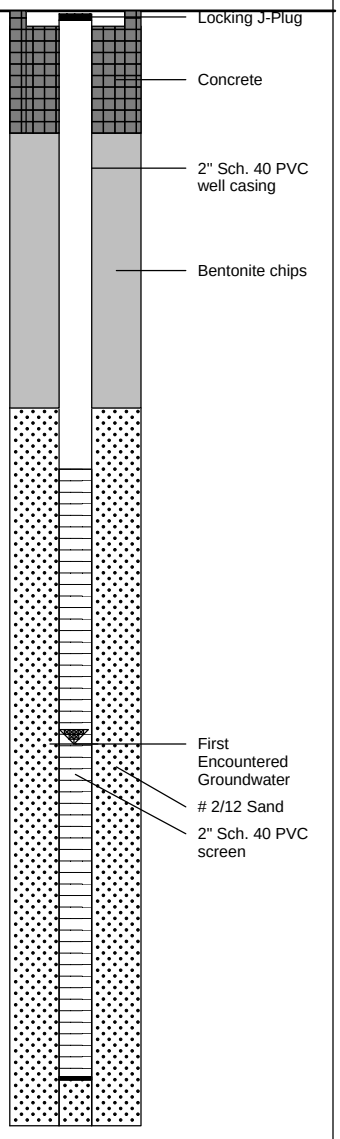
Well/Boring ID: **MW-10**

Client: BP West Coast Products LLC

Location: WA-11060
4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Crushed rock with silt.
5	-5		5.0-6.0	5.0-6.0	AK	M	NA		Silty sand, fine to medium sand, low plasticity.
10	-10		10.0-11.5	10.0-11.0	50/6	M	2.4		Woody debris.
									Fine to medium sand with silt, low plasticity, grey/brown.
15	-15		15.0-16.5	15.0-16.5	50/6	D	27		Silty sand, fine to medium sand, low plasticity, grey.
20	-20		20.0-21.5	20.0-21.5	50/6	M	3.6		Silty sand, fine sand, low plasticity, orange/grey.
25	-25		25.0-26.5	25.0-26.5	50/6	M	0.7		Silty sand, fine to medium sand, low plasticity, orange/grey.
30	-30		30.0-31.5	30.0-31.5	50/5	M	1.1		Silty sand, fine to medium sand, low plasticity, orange/grey.
35	-35		35.0-36.5	35.0-36.5	50/6	W	0.3		Sandy silt, fine sand, low plasticity, grey/brown.
									End of boring @ 36.5'

Well/Boring Construction



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Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Samples:
MW-10-15'
MW-10-25'
ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet
MW-10-20'
MW-10-35'

Project: GP09BPNAWA48 K0000
Data File:
Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1-23-12
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 8"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 41.5 ft
Surface Elevation: NM

Descriptions By: Samuel Miles

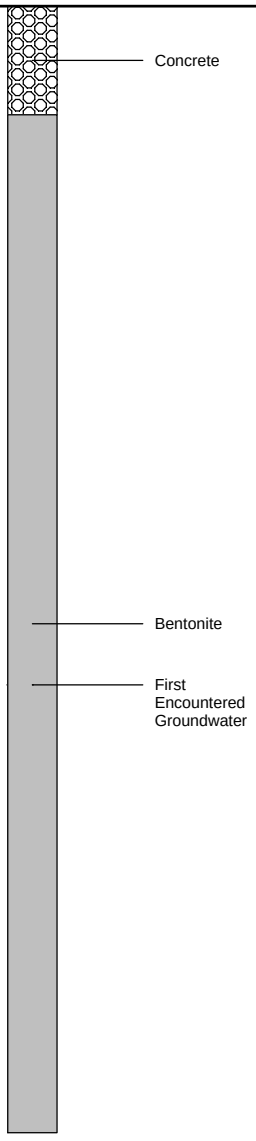
Well/Boring ID: **SB-1**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Medium sand with trace silt, grey/brown, dry, low plasticity.
5	-5		5.0-6.0	5.0-6.0	AK	D	0.4		Silt with fine sand, medium plasticity, grey/brown.
10	-10		10.0-11.5	10.0-11.5	8 12 12	D	2.1		Sandy silt, fine sand, non plastic, brown.
15	-15		15.0-16.5	15.0-16.5	14 14 15	D	>400		Fine to medium sand with trace silt, grey/brown, non plastic, strong HCLO.
20	-20		20.0-21.5	20.0-21.5	14 16 17	D	>200		Fine to medium sand with trace silt, brown, non plastic, HCLO.
25	-25		25.0-26.5	25.0-26.5	15 14 15	M/W	8.1		Sandy silt, fine sand, non plastic, brown.
30	-30		30.0-31.5	30.0-31.5	50/5	W	14.4		Sandy silt, fine to medium sand, non plastic, brown, no HCLO.
35	-35		35.0-36.0	35.0-36.5	24 50/6	W	>50		Sandy silt, fine to medium sand, non plastic, brown, slight HCLO.
40	-40		40.0-41.5	40.0-41.5	37 50/6	W	4.9		Sandy silt, fine sand, grey/brown.
									End of boring @ 41.5'

Well/Boring Construction



ARCADIS
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Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Sample:
Dup-1
SB-1-35'

ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet
SB-1-15'
SB-1-25'
SB-1-40'

Project: GP09BPNAWA48 K0000
Data File:

Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1-23-12 & 1-24-12
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 8"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 41.5 ft.
Surface Elevation: NM

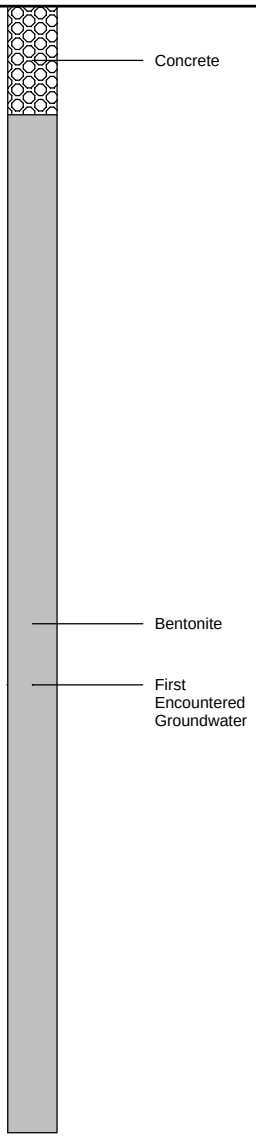
Descriptions By: Samuel Miles

Well/Boring ID: **SB-2**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Sandy silt, brown, medium plasticity, moist, no HCLO.
5	-5		5.0-6.0	5.0-6.0	AK	D/M	1.5		
10	-10		10.0-11.5	10.0-11.5	6 6 8	D/M	1.4		Some gravel from 10-11 feet.
									Medium sand with some silt, brown/grey, low plasticity.
15	-15		15.0-16.5	15.0-16.5	6 10 12	D	8.5		Sandy silt with some gravel, medium plasticity, grey, dry.
20	-20		20.0-21.5	20.0-21.5	17 20 20	D	>200		Fine to medium sand with some silt, non plasticity, grey/brown, dry, HCLO.
25	-25		25.0-26.5	-	17 18 18	-	NA		No recovery.
30	-30		30.0-31.5	-	50/5	-	NA		No recovery.
35	-35		35.0-36.0	35.0-36.5	46 50/6	W	14.4		Silty sand, fine to medium sand, medium plasticity, grey/brown, wet.
40	-40		40.0-41.5	40.0-41.5	40 56	W	8.7		Silty sand, fine to medium sand, medium plasticity, grey/brown, wet.
									End of boring @ 41.5'



ARCADIS
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Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Samples:
SB-2-20'

ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet

SB-2-35'

Project: GP09BPNAWA48 K0000
Data File:

Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1-23-12 & 1-24-12
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 8"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 51.5
Surface Elevation: NM

Descriptions By: Samuel Miles

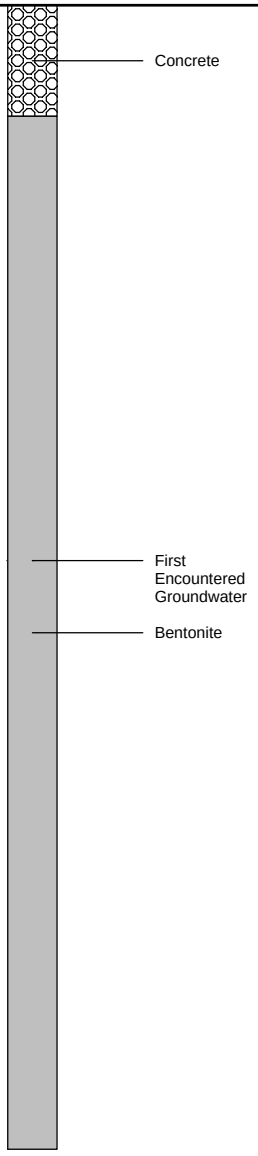
Well/Boring ID: **SB-3**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Sandy silt, very fine sand, medium plasticity, grey with brown streaks, HCLO.
5	-5		5.0-6.0	5.0-6.0	AK	M	58.9		
10	-10		10.0-11.5	10.0-11.5	5 5 6	M	3.1		Silty sand, fine to medium sand, low plasticity, grey, woody debris.
15	-15		15.0-16.5	15.0-16.5	14 12 14	M	8.7		Silt with some fine sand, low plasticity, grey with brown streaks, some woody debris.
20	-20		20.0-21.5	20.0-21.5	16 19 20	M	>79.9		Medium sand, trace silt, grey, HCLO, no plasticity.
25	-25		25.0-26.5	25.0-26.5	27/56	M	>250		Medium sand, trace silt, grey, HCLO, no plasticity.
30	-30		30.0-31.5	30.0-31.5	24 29 30	W	>89.2		Silty sand, very fine, no plasticity, grey, HCLO.
35	-35		35.0-36.0	35.0-36.5	34	W	>50.0		Silty sand, very fine, no plasticity, grey/brown, HCLO.
40	-40		40.0-41.5	40.0-41.5	30 50	M	>87.0		Silt with trace sand, brown, chalky.
45	-45		45.0-46.5	45.0-46.5	31 30 30	W/M	70.9		Very fine sand with silt, low plasticity, grey.
50	-50		50.0-51.5	50.0-51.5	21 25 20	W/M	40.7		Very fine sand with silt, low plasticity, grey.
									End of boring @ 51.5'

Well/Boring Construction



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Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Sample:
SB-3-5'
SB-3-20'
ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet
SB-3-10'
SB-3-50'

Project: GP09BPNAWA48 K0000
Data File:
Template:
Date: 12/19/2012 SWM

Date Start/Finish: 1-23-12 & 1-24-12
Drilling Company: Cascade Drilling Inc.
Driller's Name: James
Drilling Method: Hollow Stem Auger
Auger Size: 8"
Rig Type: Hollow Stem Auger
Sampling Method: Sleeve

Northing: NM
Easting: NM
Casing Elevation: NM

Borehole Depth: 36.5 ft.
Surface Elevation: NM

Descriptions By: Samuel Miles

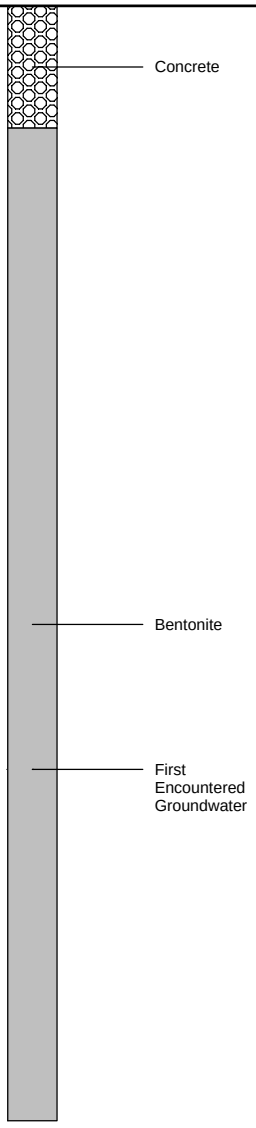
Well/Boring ID: **SB-4**

Client: BP West Coast Products LLC

Location: 4580 Fauntleroy Way SW
Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0	0								Concrete
									Medium sand with some silt, brown.
									Sandy silt, fine sand, some plasticity, brown, no HCLO.
5	-5		5.0-6.0	5.0-6.0	AK	D	0.7		
10	-10		10.0-11.5	10.0-11.5	4 5 4	D	0.2		Sandy silt, fine sand, some gravel, medium plasticity, brown/grey, no HCLO.
15	-15		15.0-16.5	15.0-16.5	16 21 20	D	>150		Fine to medium sand with trace silt, grey/brown, low plasticity, some HCLO.
20	-20		20.0-21.5	20.0-21.5	15 21 31	M	7.8		Fine to medium sand with trace silt, some gravel, grey/brown, low plasticity, some HCLO.
25	-25		25.0-26.5	25.0-26.5	17 26 22	W	4.5		Silty sand, fine to medium sand, low plasticity, brown/grey.
30	-30		30.0-31.5	30.0-31.5	27 30 30	W	0.5		Sandy silt, fine sand, low plasticity, brown, no HCLO.
35	-35		35.0-36.0	35.0-36.5	21 22 20	W	0.3		Fine sand with silt, low plasticity, brown.
									End of boring @ 36.5'

Well/Boring Construction



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Remarks:
D = Dry
HCLO = Hydrocarbon-like Odor
M = Moist
NM = Not Measured
OD = Outer Diameter
Analytical Sample:
SB-4-15'
SB-4-35'
ft. = feet
LNAPL= Light Non-Aqueous Phase Liquid
NA = Not Applicable/Available
NR = No Recovery
W = Wet
SB-4-20'

Project: GP09BPNAWA48 K0000
Data File:
Template:
Date: 12/19/2012 SWM

Date Start/Finish: 6/9/2014 - 6/13/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 29 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-2**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0									Concrete	Concrete
										Boring cleared to a depth of 6.5 feet bgs with air-knife and vacuum truck	2" Well Cap
											2/12 Silica Sand
5	-5	1	HA	0.5			0.6	CL		CLAY with gravel (CL): low plasticity clay with coarse subangular gravel, brown, very dense, dry to damp, some oxidation present	
10	-10	2	SS	0.5	20 50/6"	>50	44.6	CL		CLAY with gravel (CL): medium plasticity clay with coarse rounded gravel, blue-grey, very dense, damp, slight HCLO	Neat Cement
											2" Schedule 80 PVC Riser
15	-15	3	SS	1.5	12 15 16	31	610.4	ML		Clayey SILT (ML): nonplastic silt with trace clay, blue-grey, medium density, damp to moist, HCLO	
											First Encountered Groundwater

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Remarks:
bgs = below ground surface
HA = Hand Auger
NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project: GP09BPNAWA48 Template:
Data File:
Date: 8/21/2014 RB

Date Start/Finish: 6/9/2014 - 6/13/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 29 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

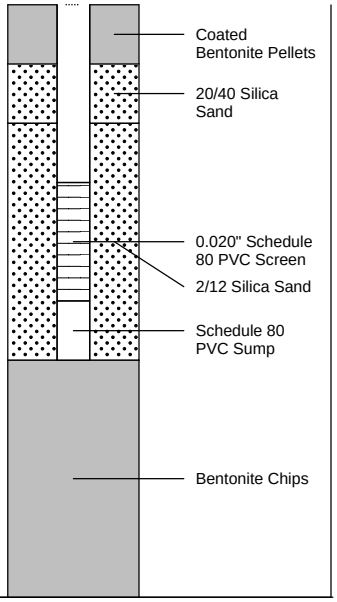
Well/Boring ID: **AS-2**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description
20	-20	4	SS	1.0	20 18 20	38	851.7	SW-SM		Silty SAND (SW-SM): well sorted fine to medium sand with little low plasticity silt, grey, dense, wet, HCLO
		5	SS	1.0	20 35 30	65	258.3	SW-SM		Silty SAND (SW-SM): moderately well sorted fine to medium sand with little low to medium plasticity silt, grey-brown, dense, wet, HCLO
25	-25	6	SS	1.0	45 50/6"	>50	12.3	SM		Silty SAND (SM): moderately well sorted fine to medium sand with low to medium plasticity silt, brown, very dense, wet
		7	SS	1.0	30 50/5"	>50	18.3	SM		Silty SAND (SM): moderately well sorted medium sand with medium plasticity silt, brown, very dense, wet

Well/Boring Construction



ARCADIS
Infrastructure, environment, buildings

Remarks: bgs = below ground surface
HA = Hand Auger
NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Date Start/Finish: 6/9/2014 - 6/13/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 26.5 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-3**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Concrete
											Boring cleared to a depth of 6.5 feet bgs with air-knife and vacuum truck	2" Well Cap
												2/12 Silica Sand
5	-5	1	HA	0.5			0.1		CL		CLAY (CL): low to medium plasticity clay with silt and trace fine sand, brown, dense, damp	
10	-10	2	SS	1.0	7 10 10	20	0.8		CL		CLAY (CL): low plasticity clay, trace medium sand, dark grey, medium density, moist, woody debris present	Neat Cement 2" Schedule 80 PVC Riser
15	-15	3	SS	0.4	50/6"	>50	42.6		CL		CLAY (CL): low plasticity clay, brown, very dense, moist, slight HCLO	Coated Bentonite Pellets 20/40 Silica Sand

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Remarks:
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NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/13/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 26.5 feet bgs
Surface Elevation: NE

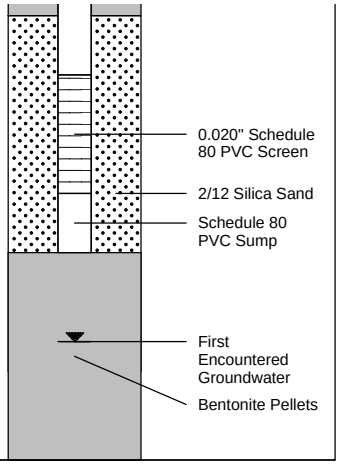
Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-3**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
20	-20	4	SS	1.2	27 31 40	71	867.7		SW		SAND (SW): well sorted medium sand with trace silt, brown-grey, dense, moist, strong HCLO	
		5	SS	1.5	21 30 34	64	1,838		ML		Sandy SILT (ML): low plasticity silt with medium sand, grey, dense, damp, HCLO	
25	-25	6	SS	1.0	1 1 1	2	349.7		ML		Sandy SILT (ML): low plasticity silt with medium sand, grey, soft, wet, HCLO with visible product encountered at 26 ft bgs	



ARCADIS
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Remarks:
bgs = below ground surface
HA = Hand Auger
NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 29 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-4**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Concrete
											Boring cleared to a depth of 6.5 feet bgs with air-knife and vacuum truck	2" Well Cap
												2/12 Silica Sand
5	-5	1	HA	0.5			10.3		SP-SM		Silty SAND with gravel (SP-SM): poorly sorted fine to medium sand with nonplastic silt and medium rounded gravel, greyISH-brown, very dense, dry to damp	
10	-10	2	SS	1.0	8 9 9	18	59.7		ML		Sandy clayey SILT (ML): nonplastic silt with poorly sorted medium sand and clay, blue-grey, medium density, dry to damp, slight HCLO	Neat Cement
												2" Schedule 80 PVC Riser
15	-15	3	SS	1.5	14 11 14	25	54.4		CL		CLAY (CL): low to medium plasticity clay with silt, orange-brown, medium density, damp, slight HCLO	

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Remarks:
bgs = below ground surface
HA = Hand Auger
NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 29 feet bgs
Surface Elevation: NE

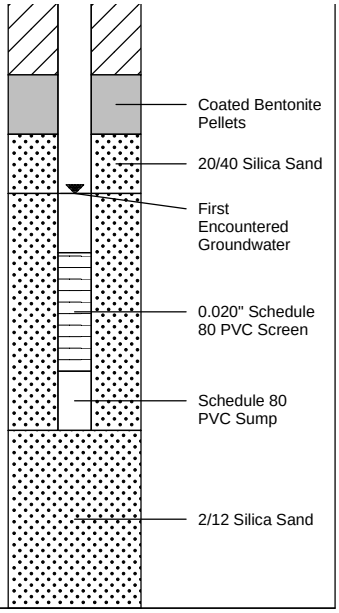
Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-4**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
20	-20	4	SS	1.0	50/6"	>50	1,468		SW		SAND (SW): well sorted medium sand with trace nonplastic silt, blue-grey, very dense, damp, HCLO	
		5	SS	1.0	30 50/5"	>50	835.9		SW		SAND (SW): well sorted medium sand with trace nonplastic silt, blue-grey, very dense, wet, HCLO	
25	-25	6	SS	0.4	75/4"	>75	1,270		SP		SAND with gravel (SP): poorly sorted sand with rounded coarse gravel and trace medium plasticity silt, blue-grey, very dense, wet, HCLO	
		7	SS	1.0	19 50/6"	>50	258.6		ML		SILT (ML): low plasticity silt, blue-grey, very dense, wet	



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PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 26.5 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-5**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Concrete
											Boring cleared to a depth of 6.5 ft bgs with air-knife and vacuum truck	2" Well Cap
												2/12 Silica Sand
5	-5	1	HA	0.5			9.4		CL		CLAY (CL): medium plasticity clay, blue-grey, dense, damp, slight HCLO	
10	-10	2	SS	0.5	14 13 11	24	24.5		CL		CLAY (CL): low plasticity clay, grey and brown, medium density, dry and crumbly, slight HCLO	Neat Cement
												2" Schedule 80 PVC Riser
15	-15	3	SS	1.5	14 20 20	40	1,553		CL		CLAY (CL): medium plasticity clay with some silt, blue-grey, dense, damp, strong HCLO	
												Coated Bentonite Pellets

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HA = Hand Auger
NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 26.5 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-5**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
20	-20	4	SS	0.5	50/6"	>50	1,106		SW		SAND (SW): well sorted fine to medium sand with trace silt, brown, very dense, damp, strong HCLO	20/40 Silica Sand
		5	SS	0.5	50/6"	>50	1,353		SP		Gravelly SAND (SP): poorly sorted fine to coarse sand with large rounded gravel and trace nonplastic silt, brown, very dense, damp, strong HCLO	0.020" Schedule 80 PVC Screen
25	-25	6	SS	0.5	26 50/5"	>50	637.1	X	ML		Clayey SILT (ML): low plasticity silt with clay and trace very fine sand, brown-grey, very dense, damp, HCLO	Schedule 80 PVC Sump 2/12 Silica Sand

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ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 29 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-6**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Concrete
											Boring cleared to a depth of 6.5 ft bgs with air-knife and vacuum truck	2" Well Cap
												2/12 Silica Sand
5	-5	1	HA	0.5			0.1		CL		CLAY (CL): low to medium plasticity clay with trace poorly-sorted medium sand, greyish-brown, very dense, damp	
10	-10	2	SS	1.5	7 8 9	17	13.3		CL		CLAY (CL): low plasticity clay and silt with trace fine sand, blue-grey, medium density, moist, woody debris present	Neat Cement
												2" Schedule 80 PVC Riser
15	-15	3	SS	1.5	10 12 12	24	1,607		SM		Silty SAND (SM): well-sorted fine to medium sand with nonplastic silt and trace coarse rounded gravel, grey, medium density, wet, HCLO	First Encountered Groundwater

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HA = Hand Auger
NE = Not Established
PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 29 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: **AS-6**

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
20	-20	4	SS	1.0	15 24 20	44	895.7		SM		Silty SAND (SM): well-sorted fine to medium sand with little nonplastic silt, brown, dense, wet, HCLO	Coated Bentonite Pellets 20/40 Silica Sand
		5	SS	1.5	23 24 27	51	1,383		SM		Silty SAND (SM): well-sorted fine to medium sand with nonplastic silt, brown, dense, wet, HCLO	
									CL		CLAY lens @ 23.5 ft bgs	
									SW		SAND with gravel (SW): well-sorted medium sand with little coarse rounded gravel, brown-grey, dense, dry, HCLO	0.020" Schedule 80 PVC Screen
25	-25	6	SS	1.5	19 24 17	41	1,495		ML		Sandy SILT (ML): nonplastic silt with fine sand, brownish-grey, dense, wet, HCLO	Schedule 80 PVC Sump
		7	SS	1.5	27 30 31	61	69.6		ML		Sandy SILT (ML): nonplastic silt with fine sand, brownish-grey, dense, wet, HCLO	2/12 Silica Sand

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HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Date Start/Finish: 6/9/14 - 6/10/14 - 6/11/14 - 6/13/14
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 10" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 16.5 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: VE-3

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Jet Set Concrete Seal
												2/12 Silica Sand
												4" Well Cap
											Boring cleared to a depth of 6.5 feet bgs with air-knife and vacuum truck	Bentonite Chips
												4" Schedule 40 PVC Riser
5	-5	1	HA	0.5			0.0		CL		CLAY with gravel (CL): low plasticity clay with dry clods and rounded medium gravel, brown, very dense, dry to damp	
												2/12 Silica Sand
10	-10	2	SS	1.0	10 8 8	16	3.5		SC		Clayey SAND (SC): low plasticity clay and coarse rounded sand in roughly equal proportions, brown, loose, damp	0.020" Schedule 40 PVC Screen
15	-15	3	SS	1.0	15 20 50/6"	>70	6.4		CL		CLAY (CL): medium plasticity clay, blue-grey, very dense, damp	

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PID = Photoionization Detector
ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/13/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 10" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 16.5 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: VE-4

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Jet Set Concrete Seal
											Construction backfill with fragments of concrete and tile was observed to a depth of 3 feet bgs	2/12 Silica Sand
												4" Well Cap
											Boring cleared to a depth of 6.5 feet bgs with air-knife and vacuum truck	Bentonite Chips
												4" Schedule 40 PVC Riser
5	-5	1	HA	0.5			0.0		CL		CLAY (CL): low to medium plasticity clay with some poorly-sorted fine to medium sand, brown, dense, damp	
												2/12 Silica Sand
10	-10	2	SS	1.0	7 10 10	20	119.9		CL		CLAY with gravel (CL): low to medium plasticity clay with coarse rounded gravel, brown, medium density, damp	0.020" Schedule 40 PVC Screen
15	-15	3	SS	0	50/6"	>50					No recovery	
		4	SS	0	50/6"	>50					No recovery	

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HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 6/9/2014 - 6/10/2014 - 6/11/2014
Drilling Company: Cascade Drilling
Driller's Name: Curtis Askew
Drilling Method: Hollow Stem Auger
Auger Size: 10" Outer Diameter
Rig Type:
Sampling Method: HA/SS

Northing: NE
Easting: NE
Casing Elevation: NE

Borehole Depth: 16.5 feet bgs
Surface Elevation: NE

Descriptions By: Ryan Brauchla

Well/Boring ID: VE-5

Client: BP West Coast Products, LLC.

Location: Former ARCO 11060, Shell Station,
4580 Fauntleroy Way SW
Seattle, WA 98116

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Jet Set Concrete Seal
												2/12 Silica Sand
												4" Well Cap
											Boring cleared to a depth of 6.5 ft bgs with air-knife and vacuum truck	Bentonite Chips
												4" Schedule 40 PVC Riser
											Rubble blocking part of boring at 4.8 ft bgs	
5	-5	1	HA	0.5			148.9		SP-SM		SAND with silt and gravel (SP-SM): poorly sorted fine to coarse sand with nonplastic silt and coarse gravel, grey, medium density, dry, strong HCLO	
												2/12 Silica Sand
10	-10	2	SS	1.0	5 10 13	23	975.5		CL		CLAY (CL): medium plasticity clay with trace sand and gravel, blue-grey, medium density, damp, HCLO	0.020" Schedule 40 PVC Screen
												First Encountered Groundwater
15	-15	3	SS	1.5	10 12 11	23	885.2		SW		SAND (SW): well sorted medium sand with little nonplastic silt, grey-brown, medium density, wet, HCLO	

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ppm = parts per million
HCLO = Hydrocarbon-like Odor
SS = Split Spoon sample, 2" x 1.5'
PVC = Polyvinyl Chloride

Traffic rate well vault to be installed at later date

Project Number:GP09BPNAWA48
Data File:
Template:
Date: 8/21/2014
Created/Edited by:RB

Date Start/Finish: 8/1/2013
Drilling Company: Cascade Drilling
Driller's Name:
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: Split Spoon

Northing:
Easting:
Casing Elevation: NE

Borehole Depth: 31.5' bgs
Surface Elevation:

Descriptions By: RB

Well/Boring ID: **AS-1**

Client: BP West Coast Products LLC

Location: Former ARCO 11060, Shell Station, 4580 Fauntleroy Way South West Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N-Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Concrete; 8" Flush-mount Monument; 2" Well Cap
		HA	2.5-3	.5			0.4		SC		Clayey Sand, fine to medium, poorly sorted, medium plasticity, brown, loose, moist	
5	-5	HA	5-5.5	.5			0.3		SC		Same as above	
		1	7.5-9	1.5	2 3 4	7	1.0		SC		Same as above with a color change to grey at 8.5' bgs	
10	-10	2	10-11.5	1.5	1 2 2	4	1.4		SC		Same as above, very loose	Neat Cement
		3	12.5-14	1.5	1 2 2	4	65.7		SP		Sand lens, fine to medium, no plasticity, grey	2" Schedule 80 PVC Riser
									SC		Sand, fine to medium with clay, poorly sorted, medium plasticiy, brown, slight HCLO	First Encountered Groundwater
15	-15	4	15-16.5	1.5	5 6 6	12	10.2		SC		Same as above	
									SM		Silty Sand, fine to medium, subrounded with a little clay, low plasticiy, medium density, wet	
		5	17.5-19	1.5	8 10 10	20	1,365		SM		Same as above with Strong HCLO	

Remarks:
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NM = Not Measured
ppm = parts per million
NE = Not Established
HA = Hand Auger
HCLO = Hydrocarbon-like Odor

Date Start/Finish: 8/1/2013
Drilling Company: Cascade Drilling
Driller's Name:
Drilling Method: Hollow Stem Auger
Auger Size: 8" Outer Diameter
Rig Type:
Sampling Method: Split Spoon

Northing:
Easting:
Casing Elevation: NE

Borehole Depth: 31.5' bgs
Surface Elevation:

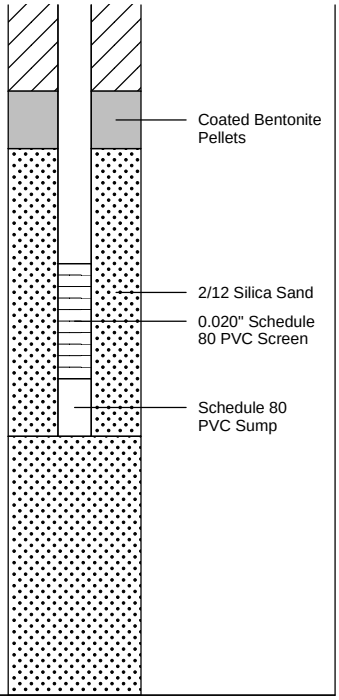
Descriptions By: RB

Well/Boring ID: **AS-1**

Client: BP West Coast Products LLC

Location: Former ARCO 11060, Shell Station, 4580 Fauntleroy Way South West Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N-Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
20	-20	6	20-21.5	1.5	8 10 8	18	1,310		SM		Same as above	
		7	22.5-24	1.5	8 10 10	20	1,093		SM		Similar to above with decreasing clay and silt, color change from blue/grey to brown/grey	
25	-25	8	25-26.5	1.5	10 12 12	24	82.8		SM		Same as above, no HCLO, granite cobble encountered	
		9	27.5-29	1.5	7 9 6	15	56.1		ML		Silt with fine subangular sand, low plasticity	
30	-30	10	30-31.5	1.5	7 9 11	20	87.4		ML		Same as above	



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Remarks:
ft bgs = feet below ground surface
NM = Not Measured
ppm = parts per million
NE = Not Established
HA = Hand Auger
HCLO = Hydrocarbon-like Odor

Date Start/Finish: 8/1/2013
Drilling Company: Cascade Drilling
Driller's Name:
Drilling Method: Hollow Stem Auger
Auger Size: 10'' Outer Diameter
Rig Type:
Sampling Method: Split Spoon

Northing:
Easting:
Casing Elevation: NE

Borehole Depth: 15' bgs
Surface Elevation:

Descriptions By: RB

Well/Boring ID: VE-2

Client: BP West Coast Products LLC

Location: Former ARCO 11060, Shell Station, 4580 Fauntleroy Way South West Seattle, WA

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N-Value	PID Headspace (ppm)	Analytical Sample	USCS Code	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0										Concrete	Concrete
												10" Flush-mount Monument
												4" Well Cap
		HA	2.5-3	.5			1.3		CL		Clay with sand, fine poorly sorted sand, medium plasticity, grey, some woody debris, moist	Bentonite Chips
												4" Schedule 40 PVC Riser
5	-5	HA	5-5.5	.5			0.6		CL		Clay with sand, fine to medium poorly sorted subangular sand, medium plasticity clay nodules in sand matrix, grey, moist	
		1	7.5-9	1.5	2 2 3	5	1.3		CL		Clay with sand, fine poorly sorted subangular sand, medium plasticity clay, loose, grey, moist	
												2/12 Silica Sand
10	-10	2	10-11.5	1.5	2 3 3	6	4.0		CL		Same as above	0.020" Schedule 40 PVC Screen
		3	13.5-15	1.5	2 4 5	9	350		CL		Same as above with some HCLO	
15	-15											

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NE = Not Established
HA = Hand Auger
HCLO = Hydrocarbon-like Odor

Project Number:GP09BPNAWA48
Data File:

Date: 3/17/2014 Created/Edited by:RwL

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-11

Sheet: 1 of 1

Project Name: BP 11060
Project Number: GP18BPNA.TR00.WA000
Project Location: 4580 Fauntleroy Street, WA

Date Started: 10/19/2018
Date Completed: 10/19/2018
Weather Conditions: Sunny 60°F

Logger: E. Krueger
Editor: NA

Depth (feet)	Blow Counts	Recovery (in.)	Sample ID & Time	PID (ppm)	USCS Class	Description	Construction Details
1						(0.0-0.5') Concrete surface.	8 1/4 inch Diameter Borehole
2							
3	HA	6		0.0		(2.0-2.5') SANDY SILT (ML), low plasticity, with trace gravel, fine grain; small subrounded gravel; moist; loose; brown.	Concrete (0-4 ft)
4							
5	HA	6		0.0		(4.0-4.5') SILTY CLAY (CL/ML), medium plasticity; some sand, fine grain; moist; loose; brown; orangish staining.	
6							
7	HA	6		0.0		(6.0-6.5') SILTY CLAY (CL/ML), medium plasticity; some sand, fine grain; moist; loose; brown; orangish staining. wood debris, cleared to 6.5 ft bgs.	
8	12, 14, 16	18		0.3		(7.5-9.0') SILTY CLAY (CL/ML), medium plasticity; some sand, fine grain; moist; loose; olive green gray; wood debris.	Hydrated Bentonite Pellets (4-13.5 ft)
9							
10							
11	12, 20, 21	18		3.5		(10.0-11.5') SILTY CLAY (CL/ML), medium plasticity; some sand, fine grain; moist; loose; brown; orangish staining.	
12							
13	10, 14, 14	18		0.8		(12.5-14.0') SANDY SILT (ML), low plasticity; trace clay and gravel, fine grain; loose; moist; orange brown.	2 inch Diameter Well Casing (0-15 ft)
14							
15							
16	35, 50/6	18		0.8		(15.0-16.5') SANDY SILT (ML), low plasticity, fine grain; moist; loose; orange brown.	
17							
18	20, 50/6	18		0.9		(17.5-19.0') SILTY SAND (SM), fine grain; poorly graded; moist; loose; gray.	
19							
20							
21	24, 28, 29	18		1.5		(20.0-21.5') SILTY SAND (SM), fine grain; poorly graded; moist; loose; gray.	
22							Sand Pack 2/12 (13.5-30 ft)
23	27, 28, 30	18	MW-11 (22.5-24) 1320	10.6		(22.5-24.0') SILTY SAND (SM), fine grain; poorly graded; wet; wet, loose; gray.	
24							
25							Well Screen 2 inch diameter 0.020 slot (15-30 ft)
26	28, 30, 30	18		8.2		(25.0-26.5') SILTY SAND (SM), fine grain; poorly graded; wet; loose; gray.	
27							
28	30, 21, 34	18		2.5		(27.5.0-29.0') SILTY SAND (SM), fine grain; trace clay, poorly graded; moist; wet; dense; gray.	
29							
30							
31	27, 50/6	18	MW-11 (30-31.5) 1325	9.6		(30.0-31.5') SILTY SAND (SM), fine grain; some clay, poorly graded; moist; wet; dense; gray.	
32						End of boring at 31.5 ft bgs.	

Drilling Co.: Cascade Drilling
Driller: Wes
Drilling Method: Hand Auger / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; ppm = parts per million; NA = not applicable / available. HA = hand auger.

Sampling Method: Hand Auger / Split Spoon
Sampling Interval: 2.5'
Water Level Start (ft. bgs.): 22.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NA
North Coor:
East Coor:

WA-11060 D:\BORING LOGS\BP FX III BORELOGS\FG3 SITE WA-11060 BORING LOGS\D-PROJECTWORKING_\D02-DRAWINGS\WA-11060 PROJECT FILE.GPJ WA-11060.GDT 11/2/18

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-12

Sheet: 1 of 1

Project Name: BP 11060
Project Number: GP18BPNA.TR00.WA000
Project Location: 4580 Fauntleroy Street, WA

Date Started: 10/19/2018
Date Completed: 10/19/2018
Logger: E. Krueger
Editor: NA
Weather Conditions: Sunny 60°F

Depth (feet)	Blow Counts	Recovery (in.)	Sample ID & Time	PID (ppm)	USCS Class	Description	Construction Details
1						(0.0-8") Concrete.	8 1/4 inch Diameter Borehole
2							
3	HA	6		0.2		(2.0-2.5') SAND (SW), with some gravel, fine to coarse grain; well sorted; loose; brown.	Concrete (0-4 ft)
4							
5	HA	6		0.6		(4.0-4.5') SANDY SILT (ML), low plasticity, fine grain; dry; loose; brown.	
6							
7	HA	6		1.0		(6.0-6.5') SANDY SILT (ML), low plasticity, fine grain; dry; loose; brown. Cleared to 6.5 ft bgs.	
8	4, 8, 9	18		1.7		(7.5-9.0') SANDY SILT (ML), low plasticity, fine grain; dry; brown.	Hydrated Bentonite Pellets (4-13.5 ft)
9							
10							
11	10, 12, 14	18		2.6		(10.0-10.5') SANDY SILT (ML), low plasticity, fine grain; dry; brown.	
12						(10.5-11.5') SILTY CLAY (CL), low plasticity; moist; blue gray.	
13	4, 8, 8	18		11.0		(12.5-14.0') SILTY CLAY (CL), low plasticity; moist; blue gray. From 13-14 ft bgs, brown with black staining.	2 inch Diameter Well Casing (0-15 ft)
14							
15							
16	12, 13, 18	18		3.3		(15.0-16.5') SILTY CLAY (CL), low plasticity; moist; dense; orange brown.	
17							
18	18, 18, 20	18	MW-12 (17.5-19) 1520	600.3		(17.5-19.0') SILTY SAND (SM), fine grain; poorly graded; dry; loose; gray.	
19							
20							
21	17, 20, 21	18		999.6		(20.0-21.5') SILTY SAND (SM), fine grain; poorly graded; dry; loose; gray.	
22							Sand Pack 2/12 (13.5-30 ft)
23	19, 19, 20	18	MW-12 (22.5-24) 1525	1,625		(22.5-24.0') SILTY SAND (SM), fine grain; poorly graded; moist; loose; gray.	
24							
25							Well Screen 2 inch diameter 0.020 slot (15-30 ft)
26	21, 24, 26	18	MW-12 (25-26.5) 1530	153		(25.0-26.5') SILTY SAND (SM), fine grain; poorly graded; moist to wet; loose; gray.	
27							
28	20, 20, 24	18		39.5		(27.5-29.0') SILTY SAND (SM), fine grain; poorly graded; wet; dense; brown.	
29							
30							
31	24, 27, 28	18		34.5		(30.0-31.5') SANDY SILT (ML), with trace clay, low plasticity, fine grain; wet; dense; orangish brown.	
32							
33	18, 19, 18	18	MW-12 (32.5-34) 1535	29.7		(32.5-34.0') SANDY SILT (ML), with trace clay, low plasticity, fine grain; wet; dense; brown.	
34							
35						End of boring at 34.0 ft bgs.	

Drilling Co.: Cascade Drilling
Driller: Wes
Drilling Method: Hand Auger / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; ppm = parts per million; NA = not applicable / available. HA = hand auger.

Sampling Method: Hand Auger / Split Spoon
Sampling Interval: 2.5'
Water Level Start (ft. bgs.): 27.58
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NA
North Coor:
East Coor:

LOG OF BOREHOLE

PROJECT: *Franciscan West Seattle*	**JOB #** ***22-148***	**BORING #** ***SB-1***	**PAGE 1 of 1**
Location: *4550 Fauntleroay Way SW*	**Approximate elevation:**		
Subcontractor/Driller: *Cascade*	**Equipment / Drilling Method:** *Truck mounted auger - Hollow stem auger*		
Date: *October 18, 2022*	**Logged by:** *Paul Hitch*		

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Time	Blows/Foot	PID Reading	Sheen	Comments
5	Dark gray to light gray, well graded sandy gravel, dry.	GW	SS	18/18	SB-1-5	10:05		0.0	N	
10	Gray, soft, silty sand, some weathered stone, dry.	SM	SS	18/18	SB-1-10	10:33	5-7-8	0.0	N	
15	Gray silty sand, soft, moist.	SM	SS	18/18	SB-1-15	10:37	7-10-15	0.0	N	
20	Light gray silty sand, dense, wet.	SM	SS	18/18	SB-1-20	10:42	13-15-19	0.0	N	
25	Gray to brown silty clay, some sand, soft to dense, wet.	CL	SS	18/18	SB-1-25	10:52	6-11-14	0.0	N	
30	Light brown silty sand, some weathered stone, dense, wet. End of boring at 30 ft bgs.	SM	SS GW	18/18	SB-1-30	11:00 for SS, 11:42 for GW	14-16-22	0.0	N	Temporary well set with a screen interval between 20-30 feet for groundwater sample collection.

Explanation

- Soil sample interval
- No Recovery
- Contact located approximately
- ATD — Groundwater level at time of drilling or date of measurement

LOG OF BOREHOLE

PROJECT: *Franciscan West Seattle*	**JOB #** ***22-148***	**BORING #**	***SB-2***	**PAGE 1 of 1**
Location: *4550 Fauntleroay Way SW*	**Approximate elevation:**			
Subcontractor/Driller: *Cascade*	**Equipment / Drilling Method:** *Truck mounted auger - Hollow stem auger*			
Date: *October 18, 2022*	**Logged by:** *Paul Hitch*			

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Time	Blows/Foot	PID Reading	Sheen	Comments
5	Tan poorly graded sand, some weathered stone, soft, dry.	SW	SS	18/18	SB-2-5	13:01	6-6-7	0.0	N	
10	Brown silty sand, soft, loose weathered stone, dry.	SM	SS	18/18	SB-2-10	13:05	6-10-10	0.0	N	
15	Brown to gray silt, red mottling, dense, dry.	OL	SS	18/18	SB-2-15	13:15	11-13-15	0.0	N	
20	Brown to gray silt, some loose weathered stone, dense, mo	OL	SS	18/18	SB-2-20	13:21	13-15-17	0.0	N	
25	Brown to gray silty sand, dense, wet.	SM	SS	18/18	SB-2-25	13:32	11-15-17	0.0	N	
30	Brown to gray silty sand, dense, wet. End of boring at 30 ft bgs.	SM	SS	18/18	SB-2-30	13:36	13-15-8	0.0	N	Temporary well set with a screen interval between 20-30 feet for groundwater sample collection. The well did not charge and a GW sample was **not** collected.

Explanation

- Soil sample interval
- No Recovery
- Contact located approximately
- ATD — Groundwater level at time of drilling or date of measurement

LOG OF BOREHOLE

PROJECT: *Franciscan West Seattle*	**JOB #** ***22-148***	**BORING #** ***SB-3***	**PAGE 1 of 1**
Location: *4550 Fauntleroay Way SW*	**Approximate elevation:**		
Subcontractor/Driller: *Cascade*	**Equipment / Drilling Method:** *Truck mounted auger - Hollow stem auger*		
Date: *October 19, 2022*	**Logged by:** *Paul Hitch*		

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Time	Blows/Foot	PID Reading	Sheen	Comments
5	Dark gray sandy gravel, loose, soft, dry.	GW	SS	4/18	SB-3-5	8:31		0.0	N	
10	Dark gray sandy gravel, loose, soft, dry.	GW	SS	2/18	SB-3-10	8:37	9-11-10	0.0	N	Poor recovery.
15	Brown sandy clay, dense, dry.	SC	SS	10/18	SB-3-15	8:45	7-18-22	0.0	N	
20	Brown sandy clay, dense, dry.	SC	SS	10/18	SB-3-20	8:59	11-22-27	0.0	N	
25	Brown silty sand, dense, large weathered stone, moist.	SM	SS	18/18	SB-3-25	9:03	22-23-25	0.0	N	
30	Brown silty sand, small weathered stone, moist-wet, dense. End of broing at 30 ft bgs.	SM	SS GW	18/18	SB-3-30 for SS and SB-3-W for GW	9:10 for SS and 9:55 for GW	22-24-26	0.0	N	Temporary well set with a screen interval between 20-30 feet for groundwater sample collection.

Explanation

- Soil sample interval
- No Recovery
- Contact located approximately
- ATD — Groundwater level at time of drilling or date of measurement

LOG OF BOREHOLE

PROJECT: *Franciscan West Seattle*	**JOB #** ***22-148***	**BORING #** ***SB-4***	**PAGE 1 of 1**	
Location: *4550 Fauntleroay Way SW*	**Approximate elevation:**			
Subcontractor/Driller: *Cascade*	**Equipment / Drilling Method:** *Truck mounted auger - Hollow stem auger*			
Date: *October 19, 2022*	**Logged by:** *Paul Hitch*			

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Time	Blows/Foot	PID Reading	Sheen	Comments
5	Brown sandy silt, red mottling, some weathered stone, soft, dry.	GW	SS	18/18	SB-4-5	11:00	3-3-3	0.0	N	
10	Brown sandy silt, some gray clay, red mottling, soft, moist.	CL	SS	18/18	SB-4-10	11:08	4-4-6	0.0	N	
15	Brown sandy silt, some gray clay, red mottling, soft, moist.	SM	SS	6/18	SB-4-15	11:18	11-13-16	0.3	N	
20	Gray clay to sandy silt, some weathered stone, dense, mois	SM	SS	18/18	SB-4-20	11:25	12-17-18	12.5	N	Some odor.
25	Gray sandy silt, some weathered stone, dense, moist.	SM	SS	18/18	SB-4-25	11:33	16-18-22	0.1	N	
30	Gray sandy silt, some weathered stone, dense, moist. End of boring at 30 ft bgs.	SM	SS GW	18/18	SB-4-30 for SS and SB-4-W for GW	11:39 for SS and 12:30 for GW	19-22-27	0.0	N	Temporary well set with a screen interval between 20-30 feet for groundwater sample collection.

Explanation

- Soil sample interval
- No Recovery
- Contact located approximately
- ATD — Groundwater level at time of drilling or date of measurement

LOG OF BOREHOLE

PROJECT: *Franciscan West Seattle*		**JOB #** ***22-148***	**BORING #**	***SB-5***	**PAGE 1 of 1**
Location: *4550 Fauntleroay Way SW*		**Approximate elevation:**			
Subcontractor/Driller: *Cascade*		**Equipment / Drilling Method:** *Truck mounted auger - Hollow stem auger*			
Date: *October 19, 2022*		**Logged by:** *Paul Hitch*			

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Time	Blows/Foot	PID Reading	Sheen	Comments
5	Brown sandy silt, some weathered stone, soft, dry.	SM	SS	18/18	SB-5-5	14:05	3-4-4	0.0	N	
10	Brown sandy silt, med-dense, to gray clay, dense dry to moist.	SM	SS	18/18	SB-5-10	14:10	3-4-5	0.0	N	
15	Brown sandy silt, gray mottling, dense, moist.	SM	SS	18/18	SB-5-15	14:15	11-13-15	0.1	N	
20	Brown to gray sandy silt, large weathered stone, dense, moist.	SM	SS	18/18	SB-5-20	14:25	13-19-19	0.0	N	
25	Gray sandy silt, dene, wet.	SM	SS	18/18	SB-5-25	14:32	9-13-14	0.0	N	
30	Gray sandy silt, some clay, dense, wet. End of boring at 30 ft bgs.	SM	SS GW	18/18	SB-5-30 for SS and SB-5-W for GW	14:38 for SS and 15:35 for GW	10-13-17	0.0	N	Temporary well set with a screen interval between 20-30 feet for groundwater sample collection.

Explanation

- Soil sample interval
- No Recovery
- Contact located approximately
- ATD — Groundwater level at time of drilling or date of measurement

LOG OF BOREHOLE

PROJECT: *Franciscan West Seattle*		**JOB #** ***22-148***	**BORING #**	***SB-6***	**PAGE 1 of 1**
Location: *4550 Fauntleroay Way SW*		**Approximate elevation:**			
Subcontractor/Driller: *Cascade*		**Equipment / Drilling Method:** *Truck mounted auger - Hollow stem auger*			
Date: *October 20, 2022*		**Logged by:** *Paul Hitch*			

Boring Depth (feet)	Soil Description	Unified Soil Symbol	Sample Type	Sample Recovery	Sample Number	Time	Blows/Foot	PID Reading	Sheen	Comments
5	Brown sandy silt to gray clay, soft, dry.	SM	SS	18/18	SB-6-5	8:11	3-4-4	0.0	N	
10	Gray clay, soft, dry.	CL	SS	18/18	SB-6-10	8:16	4-5-5	0.0	N	
15	Brown sandy silt, dense, dry.	SM	SS	18/18	SB-6-15	8:21	14-18-20	0.0	N	
20	Gray sandy silt, red mottling, dene, moist.	SM	SS	18/18	SB-6-20	8:25	6-11-13	0.0	N	
25	Light brown to gray andy silt, dense, wet.	SM	SS	18/18	SB-6-25	8:31	11-13-16	0.0	N	
30	Light brown to gray andy silt, dense, wet. End of boring at 30 ft bgs.	SM	SS GW	18/18	SB-6-30 for SS and SB-6-W for GW	8:36 for SS and 9:11 for GW	15-17-19	0.0	N	Temporary well set with a screen interval between 20-30 feet for groundwater sample collection.

Explanation

- Soil sample interval
- No Recovery
- Contact located approximately
- ATD — Groundwater level at time of drilling or date of measurement

Project Name	Monitoring Well Construction Log	Well Number / Well ID
WA - 11060 Seattle		SVP-1 / BPR 567

Address **4580 Fauntleroy Way SW** **Seattle** **Washington**	Drilling Contractor **Cascade** Drilling Method **Hand Auger**	Ground Surface Elevation: **267.80** Boring Depth **6.083 ft.**	Top of Casing Elevation: **NS** Boring Diameter **3 in.**
Logged By / Approved By **JL and MH** / **J. Leurquin**	Sampling Method **Hand Auger**	Well Depth / Casing Type **6.083 ft** / **2" SCH40 PVC**	Well Screen Interval / Slot Size **5 - 5.5 ft.** / **0.0057"**
Antea Group Project Number **WA - 11060 Seattle**	Headspace Monitoring Device **PID**	Date Drilling Started / Completed **9/27/2023**	Sand Pack Interval **4.75 - 6.083 ft.**

LITHOLOGY **SAMPLING DATA** **WELL DATA**

Elevation	Depth	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Well Diagram	Well Details	Depth
267	0	SP	Sandy SILT: Grayish Brown, 50% Silt, 40% Fine to Medium Sand, 10% Gravel	DRY	70	0-0.5'		HA	NA			Concrete: 0-1.5 ft.	0
	1					0.5-1'		HA				Well Casing: 0 - 5 ft.	1
266	2	SP	SILT with Sand: Gray, 70% Silt, 20% Fine to Medium Sand, 10% Gravel	DRY	51	1.5-2'		HA				Prehydrated Bentonite: 1.5-3.5 ft.	2
265	3	CL	CLAY: Gray-Brown, 90% Clay, 10% Gravel	DRY	3.1	2.5-3'		HA					3
264	4				0.6	3.5-4'		HA				Dry Bentonite: 3.5-4.75 ft.	4
263	5											Sand Pack: 4.75-6.083 ft.	5
262	6		Boring terminated at 6 ft. bgs.		0.3	5.5-6		HA				Well Screen: 5-5.5 ft.	6
261	7												7
260	8												8
259	9												9
258	10												10

HA = Hand Auger

▽ First Encountered Groundwater ▼ Static Groundwater

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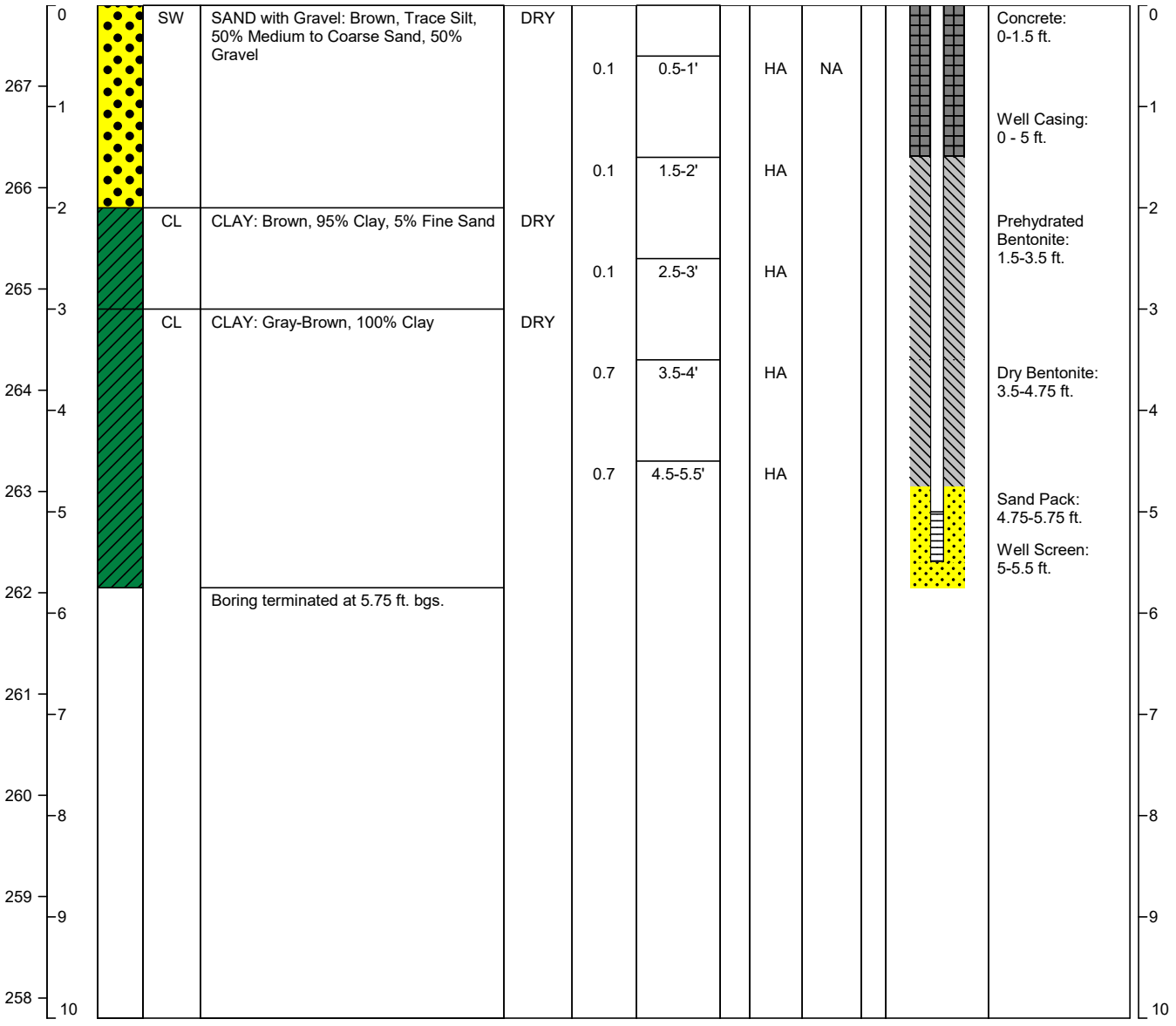
Project Name	Monitoring Well Construction Log	Well Number / Well ID
WA - 11060 Seattle		SVP-2 / BPR 568

Address **4580 Fauntleroy Way SW** **Seattle** **Washington**	Drilling Contractor **Cascade Drilling** Drilling Method **Hand Auger**	Ground Surface Elevation: **267.80** Boring Depth **5.75 ft.**	Top of Casing Elevation: **NS** Boring Diameter **3 in.**
Logged By / Approved By **JL and MH** / **J. Leurquin**	Sampling Method **Hand Auger**	Well Depth / Casing Type **5.75 ft.** / **2' SCH40 PVC**	Well Screen Interval / Slot Size **5 - 5.5 ft.** / **0.25"**
Antea Group Project Number **WA - 11060 Seattle**	Headspace Monitoring Device **PID**	Date Drilling Started / Completed **09/26/2023**	Sand Pack Interval **4.75 - 5.75 ft.**



HA = Hand Auger

▽ First Encountered Groundwater ▼ Static Groundwater

Project Name	Soil Boring Log	Soil Boring Number
WA - 11060 Seattle		SB-7

Address **4580 Fauntleroy Way SW** **Seattle** **WA**	Drilling Contractor/License **Cascade Drilling**	Headspace Monitoring Device **PID**	Boring Depth **35 ft.**
	Drilling Method **Sonic**	Sampling Method **Sonic**	Boring Diameter **6 in.**
Logged By / Approved By **JL and MH** / **J. Leurquin**	Drilling Equipment **Sonic**	Sampling Equipment **Sonic**	Backfill Material / Surface Finish **Fill**
Antea Group Project Number **WA - 11060 Seattle**	Driller Name **Cascade Drilling**	Date Drilling Started **09/28/2023**	Date Drilling Completed **09/28/2023**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Depth
0	0								HA			0
			CL	CLAY: Gray-Brown, 90% Clay, 10% Medium Sand	DRY	0.1	2.5-3'			NA		
-5	5		CL	CLAY: Gray-Brown, 90% Clay, 5% Medium Sand, 5% Gravel	DRY	0.7	4.5-5'		HA			5
-10	10		CL	CLAY: Gray-Brown, 90% Clay, 10% Fine to Medium Sand; Compact	WET	0.3	10-15'		S			10
-15	15		ML	Sandy Silty CLAY: Brown Red, 50% Silt Clay Mixture, 45% Fine Sand, 5% Gravel	DRY	1.7	15-20'		S			15
-20	20					4.6						20

HA = Hand Auger
S = Sonic

▽ Water Level During Drilling

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INOGEN ALLIANCE

Project Name	Soil Boring Log	Soil Boring Number
WA - 11060 Seattle		SB-7

Address **4580 Fauntleroy Way SW** **Seattle** **WA**	Drilling Contractor/License **Cascade Drilling**	Headspace Monitoring Device **PID**	Boring Depth **35 ft.**
	Drilling Method **Sonic**	Sampling Method **Sonic**	Boring Diameter **6 in.**
Logged By / Approved By **JL and MH** / **J. Leurquin**	Drilling Equipment **Sonic**	Sampling Equipment **Sonic**	Backfill Material / Surface Finish **Fill**
Antea Group Project Number **WA - 11060 Seattle**	Driller Name **Cascade Drilling**	Date Drilling Started **09/28/2023**	Date Drilling Completed **09/28/2023**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Depth
			SM	Silty SAND: Gray, 25% Silt, 70% Fine to Coarse Sand, 5% Gravel	DRY	908.9	20-25'		S			
-25	25		SP	SAND: Brown, 100% Fine Sand, Compact	DRY	4.3	25-30'		S			25
-30	30		ML	Sandy SILT: Gray Brown, 50% Silt, 45% Very Fine Sand, 5% Gravel	DRY	920.4	30-35'		S		▼	30
-35	35		ML	Sandy SILT: Brown Gray, 60% Silt, 40% Very Fine to Medium Sand. End of Boring at 35'	DRY	100						35
				Boring terminated at 35 ft. bgs.								
-40	40											40

HA = Hand Auger
S = Sonic

▼ Water Level During Drilling

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INOGEN ALLIANCE

Project Name	Soil Boring Log	Soil Boring Number
BP 11060		SB-8

Address **4580 Fauntleroy Way SW** **Seattle** **Washington**	Drilling Contractor/License **Cascade Drilling**	Headspace Monitoring Device **PID**	Boring Depth **35 ft.**
	Drilling Method **Sonic**	Sampling Method **Continuous Sample**	Boring Diameter **6 in.**
Logged By / Approved By **JL and MH** / **J. Leurquin**	Drilling Equipment **Sonic**	Sampling Equipment **Sonic**	Backfill Material / Surface Finish **Fill**
Antea Group Project Number **WA - 11060 Seattle**	Driller Name **Cascade Drilling**	Date Drilling Started **09/28/2023**	Date Drilling Completed **09/28/2023**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Depth
0	0		ML	Sandy SILT with Gravel: Gray-Brown, 60% Silt, 20% Fine to Coarse Sand, 20% Gravel	DRY	0.1	0 - 5'		HA	NA		0
-5	5		CL	Silty CLAY with Sand: Gray-Brown, 80% Clay Silt Mixture, 20% Fine to Medium Sand	DRY	0.1	5 - 10'		HA			5
-10	10		CL	Silty CLAY: Gray-Brown, 90% Clay Silt Mixture, 10% Fine Sand	DRY	0.3	10 - 15'		S			10
-15	15		CL	CLAY: Gray Brown with Black Pockets, 90% Clay, 5% Fine Sand	DRY	174.3	15 - 20'		S			15
-20	20											20

HA = Hand Auger
S = Sonic

▽ Water Level During Drilling

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INOGEN ALLIANCE

Project Name	Soil Boring Log	Soil Boring Number
BP 11060		**SB-8**

Address **4580 Fauntleroy Way SW** **Seattle** **Washington**	Drilling Contractor/License **Cascade Drilling**	Headspace Monitoring Device **PID**	Boring Depth **35 ft.**
	Drilling Method **Sonic**	Sampling Method **Continuous Sample**	Boring Diameter **6 in.**
Logged By / Approved By **JL and MH** / **J. Leurquin**	Drilling Equipment **Sonic**	Sampling Equipment **Sonic**	Backfill Material / Surface Finish **Fill**
Antea Group Project Number **WA - 11060 Seattle**	Driller Name **Cascade Drilling**	Date Drilling Started **09/28/2023**	Date Drilling Completed **09/28/2023**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Depth
						1,747	20 - 25'		S			
-25	25		SM	SAND: Brown, 100% Fine Sand, Compact	DRY	10.3	25 - 30'		S			25
-30	30		SM	SAND: Brown, 100% Fine Sand, Trace Gravel	DRY	868.7	30 - 35'		S			30
			SM	SAND: Brown 100% Fine Sand. End of Boring at 35'	DRY	847						
-35	35			Boring terminated at 35 ft. bgs.					S			35
-40	40											40

HA = Hand Auger
S = Sonic

▽ Water Level During Drilling

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INOGEN ALLIANCE

Project Name	Soil Boring Log	Soil Boring Number
Former BP Facility #11060		SB-9

Address **4580 Fauntleroy Way** **Seattle** **Washington**	Drilling Contractor/License **Cascade Drilling**	Headspace Monitoring Device **PID**	Boring Depth **25 ft.**
	Drilling Method **Air Knife / Hollow Stem Auger**	Sampling Method **Hand Auger / Split Spoon**	Boring Diameter **8.25 in.**
Logged By / Approved By **D. Lindelof** / **J. Leurquin**	Drilling Equipment **Hollow Stem Auger**	Sampling Equipment **Hand Auger / Split Spoon**	Backfill Material / Surface Finish **Bentonite / Cement**
Antea Group Project Number **WA-0011060**	Driller Name **Cascade Drilling**	Date Drilling Started **12/19/2023**	Date Drilling Completed **12/20/2023**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Depth
0	0			Concrete			0 - 5		HA	NA		0
			SP-SM	Fine to Coarse SAND with SILT, few gravel, medium dense, grey brown, no petroleum odor	moist	0.2						
			ML	Sandy SILT, medium dense, grey brown, no petroleum odor	moist	0.0						
-5	5		ML	Sandy SILT, medium dense, grey brown, no petroleum odor	moist	0.0						5
			ML	Sandy SILT, medium dense, grey, no petroleum odor	moist							
			ML	SILT with fine SAND, medium dense, grey, no petroleum odor	moist	0.6	7.5 - 9		SS	6 12 18		
-10	10		SM	Silty SAND, medium dense, brown, no petroleum odor	moist	0.2	10 -11.5		SS	3 4 5		10
			ML	Sandy SILT, trace gravel, grey brown, very slight petroleum odor	moist	0.6	12 -13.5		SS	4 8 18		
-15	15		ML	Sandy SILT; grey brown, no petroleum odor	moist	2.7	15 -16.5		SS	10 20 28		15
			SM	Silty fine SAND, grey brown, very dense, slight-moderate petroleum odor	moist	28.8	17.5 -19		SS	26 50/6		
-20	20		SM	Silty fine SAND, grey, very dense, strong petrolem odor	moist	351.0	20 -21.5		SS	22 50/6		20
			SM	Silty fine SAND, grey, very dense, moderate petrolem odor	moist	109.1	22.5 -24		SS			
-25	25		SM	Silty fine SAND, grey, very dense, strong petroleum odor	moist	249.4	24.5-25		SS	50/6		25
				Boring terminated at 25 ft. bgs.								

HA = Hand Auger
SS = Split Spoon

▽ Water Level During Drilling

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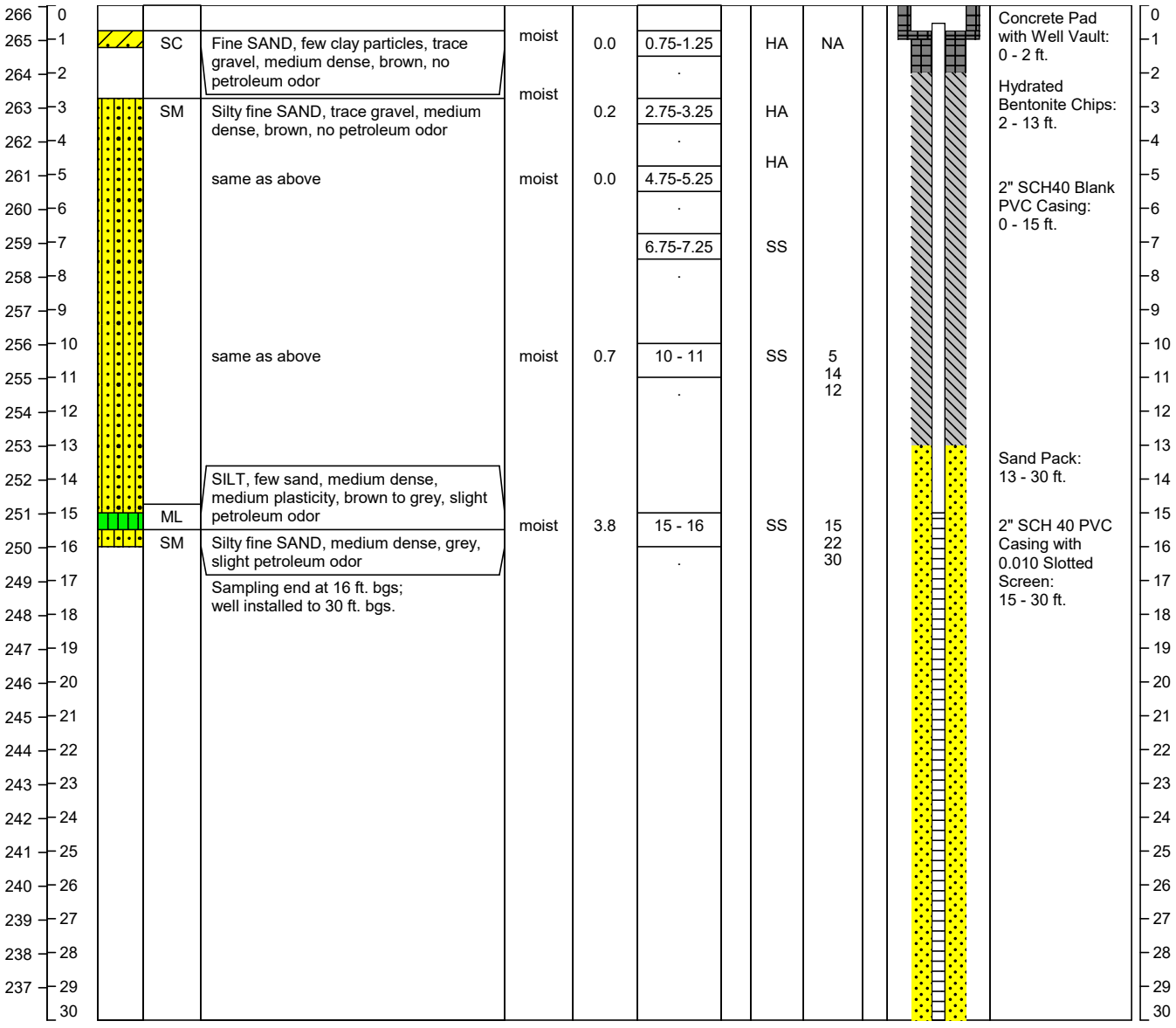
INOGEN ALLIANCE

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-13 / BPR 763

Address: 4580 Fauntleroy Way, Seattle, Washington	Drilling Contractor: Cascade Drilling	Ground Surface Elevation: 266.04	Top of Casing Elevation: 265.51
	Drilling Method: Air Knife / Hollow Stem Auger	Boring Depth: 30 ft.	Boring Diameter: 4 in.
Logged By: D. Lindelof / Approved By: J. Leurquin	Sampling Method: Hand Auger / Split Spoon	Well Depth: 30 ft. / Casing Type: 2" SCH 40 PVC	Well Screen Interval: 15 - 30 ft. / Slot Size: 0.010
Antea Group Project Number: WA-0011060	Headspace Monitoring Device: PID	Date Drilling Started / Completed: 12/19/2023 - 12/20/2023	Sand Pack Interval: 13 - 30 ft.



HA = Hand Auger
SS = Split Spoon

First Encountered Groundwater ▽ Static Groundwater ▼

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INOGEN ALLIANCE

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-14 / BPR 762

Address **4580 Fauntleroy Way** **Seattle** **Washington**	Drilling Contractor **Cascade Drilling**	Ground Surface Elevation: **266.84**	Top of Casing Elevation: **266.17**
	Drilling Method **Air Knife / Hollow Stem Auger**	Boring Depth **31 ft.**	Boring Diameter **4 in.**
Logged By / Approved By **D. Lindelof** / **J. Leurquin**	Sampling Method **Hand Auger / Split Spoon**	Well Depth / Casing Type **30 ft.** / **2" SCH 40 PVC**	Well Screen Interval / Slot Size **15 - 30 ft.** / **0.010**
Antea Group Project Number **WA-0011060**	Headspace Monitoring Device **PID**	Date Drilling Started / Completed **12/18/2023 - 12/21/2023**	Sand Pack Interval **13 - 30 ft.**

LITHOLOGY **SAMPLING DATA** **WELL DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Well Diagram	Well Details	Depth
266	0-1		SM	Silty SAND with gravel, medium dense, brown, no petroluem odor	moist	0.1	0.75-1.25		HA				Concrete Pad with Well Vault: 0 - 2 ft.	0-1
265	1-2						.							1-2
264	2-3			same as above	moist	0.2	2.75-3.25		HA				Hydrated Bentonite Chips: 2 - 13 ft.	2-3
263	3-4						.							3-4
262	4-5			same as above	moist	0.1	4.75-5.25		HA				2" SCH40 Blank PVC Casing: 0 - 15 ft.	4-5
261	5-6						.							5-6
260	6-7		ML	Clayey SILT with few fine sand, stiff, medium plasticity, brown, no petroleum odor	moist	0.1	7- 8.5		SS	4 6 14				6-7
259	7-8													7-8
258	8-9						.							8-9
257	9-10		ML	SILT, little sand, stiff, non-plastic, grey brown, no petroleum odor	moist	0.2	10- 11.5		SS	5 5 15				9-10
256	10-11													10-11
255	11-12		ML	SILT, stiff, medium plasticity, black, moderate petroleum odor	moist	4.7	12- 13.5		SS	6 12 28			Sand Pack: 13 - 30 ft.	11-12
254	12-13		ML	SILT, little sand, stiff, medium plasticity, grey, no petroleum odor										12-13
253	13-14						.							13-14
252	14-15		ML	SILT, few sand, medium dense, medium plasticity, grey, no petroleum odor	moist	4.3	15- 16.5		SS	7 15 25			2" SCH 40 PVC Casing with 0.010 Slotted Screen: 15 - 30 ft.	14-15
251	15-16		SM	Silty fine SAND, medium dense, grey, no petroleum odor										15-16
250	16-17						.							16-17
249	17-18		SM	Silty fine SAND, dense, very stiff, brown, petroleum odor	moist	822.7	17.5 -19		SS	25 30 35				17-18
248	18-19													18-19
247	19-20						.							19-20

HA = Hand Auger
SS = Split Spoon

▽ First Encountered Groundwater ▼ Static Groundwater

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INOGEN ALLIANCE

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-14 / BPR 762

Address: 4580 Fauntleroy Way, Seattle, Washington	Drilling Contractor: Cascade Drilling	Ground Surface Elevation: 266.84	Top of Casing Elevation: 266.17
	Drilling Method: Air Knife / Hollow Stem Auger	Boring Depth: 31 ft.	Boring Diameter: 4 in.
Logged By: D. Lindelof / Approved By: J. Leurquin	Sampling Method: Hand Auger / Split Spoon	Well Depth: 30 ft. / Casing Type: 2" SCH 40 PVC	Well Screen Interval: 15 - 30 ft. / Slot Size: 0.010
Antea Group Project Number: WA-0011060	Headspace Monitoring Device: PID	Date Drilling Started / Completed: 12/18/2023 - 12/21/2023	Sand Pack Interval: 13 - 30 ft.

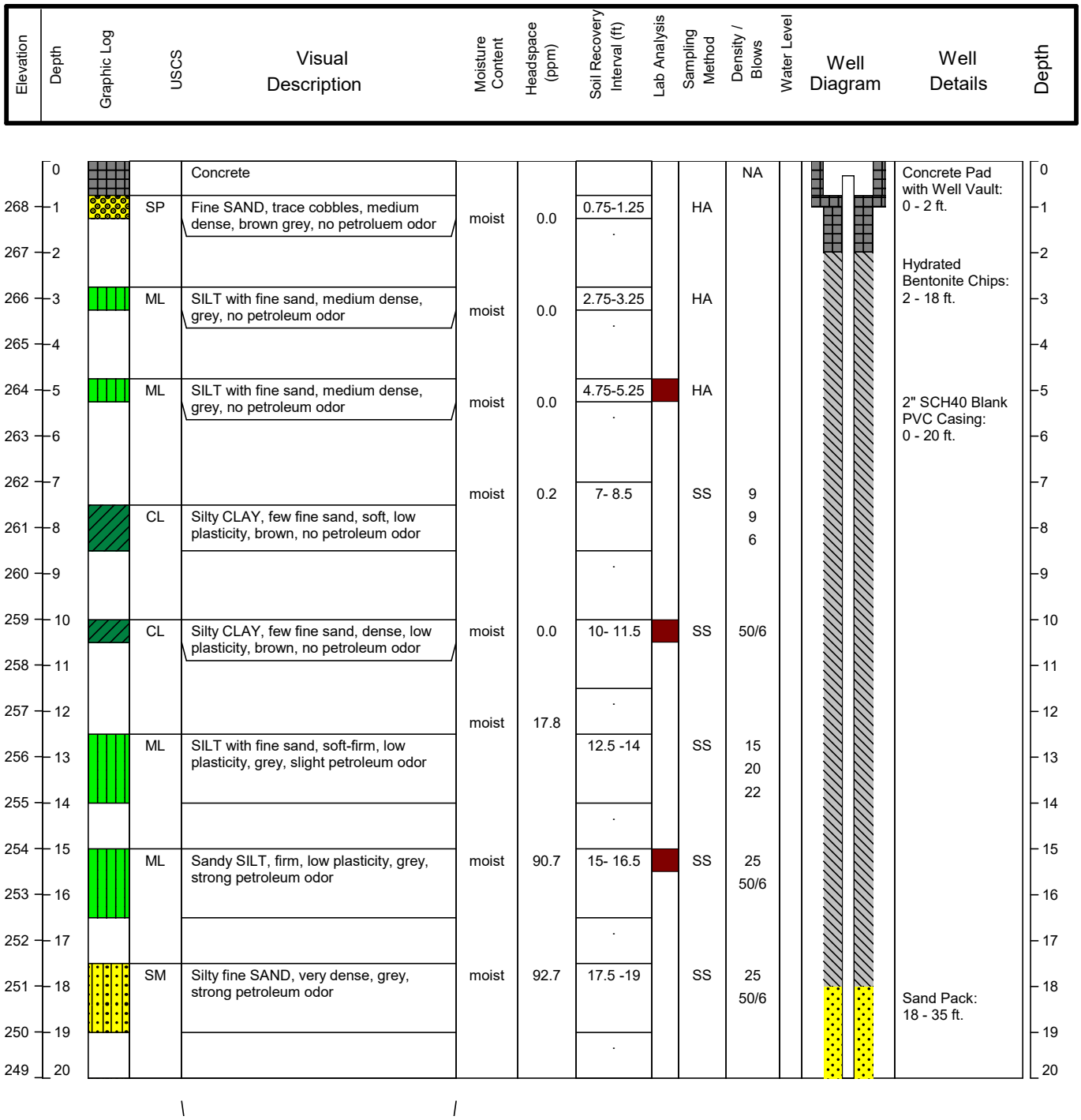
LITHOLOGY					SAMPLING DATA						WELL DATA		
Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Well Diagram	Well Details
246	21		SM	Silty fine SAND, very dense, brown, petroleum odor, cobble @ 21'	moist	364	20 -21.5		SS	50/6			
245	22						.						
244	23		SM	Silty fine SAND, very dense, grey to brown, no petroleum odor	moist	31.6	22.5 -24		SS	50/6			
243	24						.						
242	25		SM	Silty fine SAND, abundant cobbles, very dense, brown, slight petroleum odor	moist	20.4	25 -26.5		SS	30 50/6			
241	26						.						
240	27												
239	28		SM	Silty fine SAND, very dense, grey to brown, very slight petroleum odor	moist	19.4	27.5 -29		SS	27 50/6			
238	29						.						
237	30		SM	Silty fine SAND, very dense, grey to brown, no petroleum odor	moist	12.9	30 - 31		SS	26 50/6			
236	31			Sampling end at 31 ft. bgs; well installed to 30 ft bgs.			.						
235	32												
234	33												
233	34												
232	35												
231	36												
230	37												
229	38												
228	39												
227	40												

HA = Hand Auger
SS = Split Spoon

▽ First Encountered Groundwater ▼ Static Groundwater

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-15 / BDR 761

Address **4580 Fauntleroy Way** **Seattle** **Washington**	Drilling Contractor **Cascade Drilling**	Ground Surface Elevation: **268.99**	Top of Casing Elevation: **268.67**
	Drilling Method **Air Knife / Hollow Stem Auger**	Boring Depth **35 ft.**	Boring Diameter **8.25 in.**
Logged By / Approved By **D. Lindelof** / **J. Leurquin**	Sampling Method **Hand Auger / Split Spoon**	Well Depth / Casing Type **35 ft.** / **2" SCH 40 PVC**	Well Screen Interval / Slot Size **20 - 35 ft.** / **0.010**
Antea Group Project Number **WA-0011060**	Headspace Monitoring Device **PID**	Date Drilling Started / Completed **12/20/2023**	Sand Pack Interval **18 - 35 ft.**



HA = Hand Auger
SS = Split Spoon

▽ First Encountered Groundwater ▼ Static Groundwater

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INOGEN ALLIANCE

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-15 / BDR 761

Address **4580 Fauntleroy Way** **Seattle** **Washington**	Drilling Contractor **Cascade Drilling**	Ground Surface Elevation: **268.99**	Top of Casing Elevation: **268.67**
	Drilling Method **Air Knife / Hollow Stem Auger**	Boring Depth **35 ft.**	Boring Diameter **8.25 in.**
Logged By / Approved By **D. Lindelof** / **J. Leurquin**	Sampling Method **Hand Auger / Split Spoon**	Well Depth / Casing Type **35 ft.** / **2" SCH 40 PVC**	Well Screen Interval / Slot Size **20 - 35 ft.** / **0.010**
Antea Group Project Number **WA-0011060**	Headspace Monitoring Device **PID**	Date Drilling Started / Completed **12/20/2023**	Sand Pack Interval **18 - 35 ft.**

LITHOLOGY **SAMPLING DATA** **WELL DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Well Diagram	Well Details	Depth
248	21		SM	Silty fine SAND, dense, grey-brown, strong petroleum odor	moist	162.9	20 -21.5		SS	50/6			2" SCH 40 PVC Casing with 0.010 Slotted Screen: 20 - 35 ft.	21
247	22						.							22
246	23		SM	Silty fine SAND, few gravel, very dense, grey-brown, very slight petroleum odor	moist	196.2	22.5 -24		SS	50/6				23
245	24						.							24
244	25		SM	Silty fine SAND, very dense, grey-brown, very slight petroleum odor	moist	191.8	25 -26.5		SS	20 50/6				25
243	26													26
242	27						.							27
			SM	Silty fine SAND, very dense, grey-brown, slight petroleum odor										
241	28				moist	16.9	27.5 -29		SS	22 50/6				28
240	29						.							29
239	30		SM	same as above	moist	14.5	30 -31.5		SS	20 40 50/3				30
238	31													31
237	32						.							32
236	33													33
235	34													34
234	35		SM	Silty fine SAND, very dense, grey-brown, no petroleum odor	moist	9.1	34.5 -35		SS	50/4				35
				Sampling end at 35 ft. bgs; well installed to 35 ft. bgs.			.							
233	36													36
232	37													37
231	38													38
230	39													39
229	40													40

HA = Hand Auger
SS = Split Spoon

▽ First Encountered Groundwater ▼ Static Groundwater

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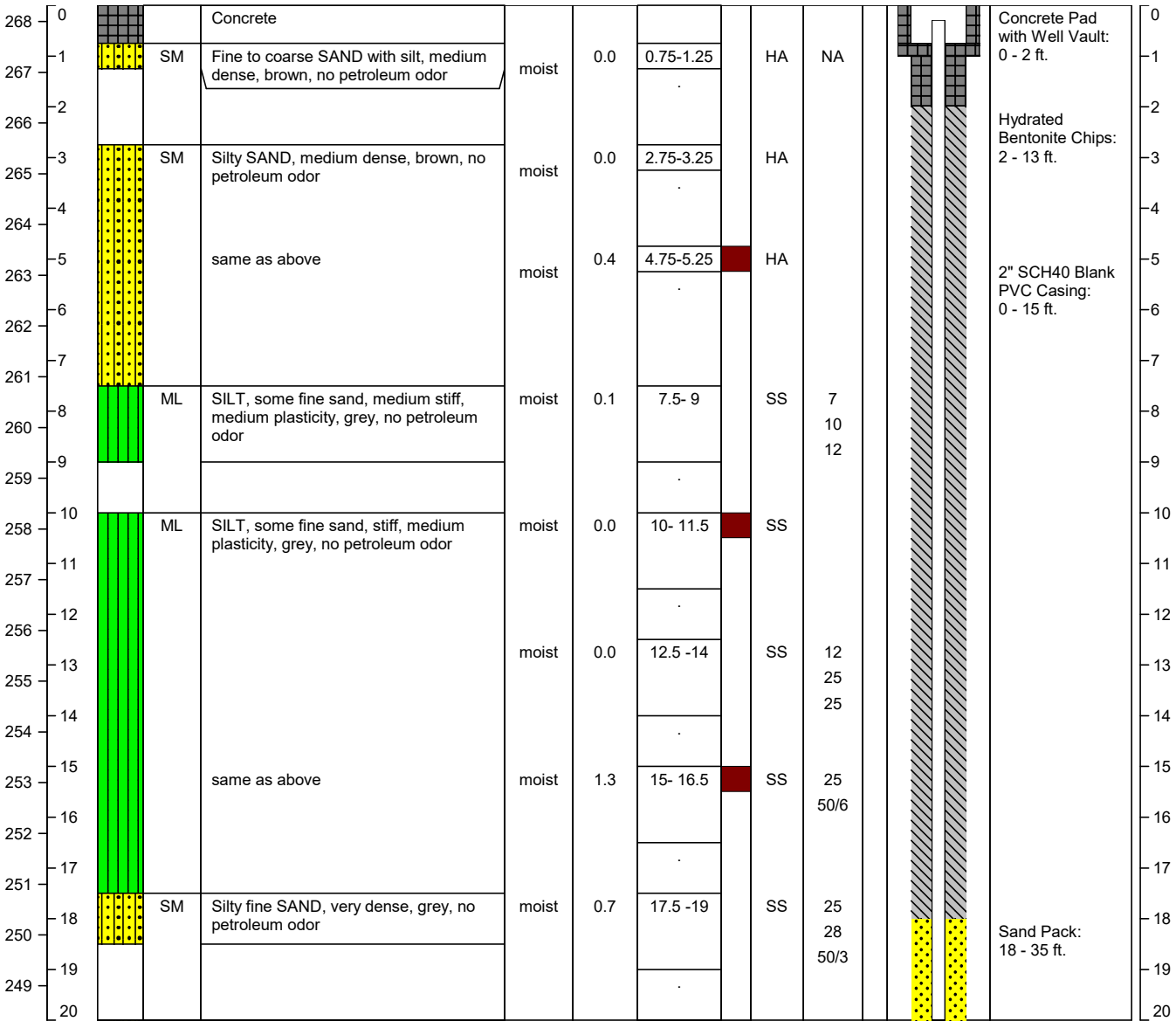
INOGEN ALLIANCE

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-16 / BPR 764

Address: 4580 Fauntleroy Way, Seattle Washington	Drilling Contractor: Cascade Drilling	Ground Surface Elevation: 268.32	Top of Casing Elevation: 268.03
	Drilling Method: Air Knife / Hollow Stem Auger	Boring Depth: 35 ft.	Boring Diameter: 4 in.
Logged By: D. Lindelof / Approved By: J. Leurquin	Sampling Method: Hand Auger / Split Spoon	Well Depth: 35 ft. / Casing Type: 2" SCH 40 PVC	Well Screen Interval: 20 - 35 ft. / Slot Size: 0.010
Antea Group Project Number: WA-0011060	Headspace Monitoring Device: PID	Date Drilling Started / Completed: 12/18/2023 - 12/21/2023	Sand Pack Interval: 13 - 30 ft.



HA = Hand Auger
SS = Split Spoon

First Encountered Groundwater ▽ Static Groundwater ▼

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INOGEN ALLIANCE

Project Name	Monitoring Well Construction Log	Well Number / Well ID
Former BP Facility #11060		MW-16 / BPR 764

Address: 4580 Fauntleroy Way, Seattle, Washington	Drilling Contractor: Cascade Drilling	Ground Surface Elevation: 268.32	Top of Casing Elevation: 268.03
	Drilling Method: Air Knife / Hollow Stem Auger	Boring Depth: 35 ft.	Boring Diameter: 4 in.
Logged By: D. Lindelof / Approved By: J. Leurquin	Sampling Method: Hand Auger / Split Spoon	Well Depth: 35 ft. / Casing Type: 2" SCH 40 PVC	Well Screen Interval: 20 - 35 ft. / Slot Size: 0.010
Antea Group Project Number: WA-0011060	Headspace Monitoring Device: PID	Date Drilling Started / Completed: 12/18/2023 - 12/21/2023	Sand Pack Interval: 13 - 30 ft.

LITHOLOGY | **SAMPLING DATA** | **WELL DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Headspace (ppm)	Soil Recovery Interval (ft)	Lab Analysis	Sampling Method	Density / Blows	Water Level	Well Diagram	Well Details	Depth
248	21		SM	Silty fine SAND, very dense, grey no petroleum odor	moist	1.2	20 -21.5		SS	29 50/3			2" SCH 40 PVC Casing with 0.010 Slotted Screen: 20 - 35 ft.	21
247	22						.							22
246	23		SM	Silty fine SAND, very dense, grey-brown, no petroleum odor	moist	0.9	22.5 -24		SS	50/6				23
245	24						.							24
244	25		SM	Silty fine SAND, very dense, brown, no petroleum odor	moist	0.3	25 -26.5		SS	50/6				25
243	26						.							26
242	27			same as above	moist	0.1	27.5 -29		SS	50/6				27
241	28						.							28
240	29													29
239	30		SM	Silty fine SAND, very dense, brown, no petroleum odor, dilatent	moist -wet	0.0	30- 30.5		SS	50/6				30
238	31			Sampling end at 30.5 ft. bgs; well installed to 35 ft bgs.			.							31
237	32													32
236	33													33
235	34													34
234	35													35
233	36													36
232	37													37
231	38													38
230	39													39
229	40													40

HA = Hand Auger
SS = Split Spoon

▽ First Encountered Groundwater ▼ Static Groundwater

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INOGEN ALLIANCE

Appendix B – Site Investigation History

A summary of the previous investigations conducted at Former ARCO Facility No. 11060 located at 4580 Fauntleroy Way Southwest, Seattle, King County, Washington is provided below.

MARCH 1992 – SUBSURFACE INVESTIGATION

On March 23, 1992, a subsurface investigation was conducted to determine the extent of hydrocarbons in soil and groundwater. Three soil borings were advanced, but due to sloughing pea gravel, only soil boring/monitoring well MW-3 could be installed. Laboratory analytical results from soil samples collected at 13 and 18.5 feet below ground surface (bgs) exceeded the Washington State Department of Ecology's (Ecology) Model Toxics Control Act (MTCA) Method A Cleanup Levels for benzene and total petroleum hydrocarbons as gasoline (TPH-G). On April 8, 1992, a groundwater sample was collected from MW-3. Laboratory analytical results of the groundwater sample exceeded the MTCA Method A Cleanup Levels for benzene and total petroleum hydrocarbons as diesel (TPH-D) (Geraghty & Miller, 1992).

MAY 1993 – SUBSURFACE INVESTIGATION

In May 1993, a subsurface investigation was conducted to provide additional information on residual petroleum hydrocarbons in soil and groundwater. Four soil borings were advanced and completed as monitoring wells MW-1, MW-2, MW-4, and MW-5. Samples were submitted for laboratory analysis of TPH-G and benzene, toluene, ethylbenzene, and xylenes (BTEX). Laboratory analytical results from soil samples collected from MW-2 at 18 feet bgs exceeded the MTCA Method A Cleanup Levels for TPH-G and benzene. Laboratory analytical results from soil samples collected from MW-4 at 23 feet bgs exceeded the MTCA Method A Cleanup Levels for TPH-G, benzene, toluene, and total xylenes. In May and June 1993, groundwater samples were collected from MW-1 through MW-5. Laboratory analytical results of the groundwater samples exceeded the MTCA Method A Cleanup Levels for TPH-G and benzene for all samples, toluene and ethylbenzene for MW-2 and MW-4, and xylene for MW-2, MW-4, and MW-5 (RZA AGRA, Inc., 1993).

MARCH 1994 – SUBSURFACE INVESTIGATION

According to the Alisto Engineering Group's *Remedial Investigation Report,* dated December 11, 1995, during installation of Stage II vapor recovery equipment, soil samples were collected around the service islands, product lines, and tank pit. Soil sample analytical results indicated TPH-G concentrations ranging from 20 to 6,400 milligrams per kilogram (mg/kg), TPH-D concentrations ranging from 90 to 25,000 mg/kg, and total petroleum hydrocarbons as oil (TPH-O) concentrations ranging from 100 to 590 mg/kg. The highest hydrocarbon concentrations were detected in samples collected from backfill material within two feet below grade at the tank pit (Alisto Engineering Group, 1995).

FOURTH QUARTER 1994 – REMEDIATION ACTIVITY

During the fourth quarter of 1994, a passive product recovery unit (belt skimmer) was installed in MW-4. Approximately 3,800 gallons of total fluids were recovered from MW-4 (Alisto Engineering Group, 1995).

MARCH 1995 – SVE WELL INSTALLATION

In March through May 1995, two soil borings, VW-1 and SP-1, were advanced to 28 and 38 feet bgs. In April 1998, the VW-1 name was changed to VE-1 as referenced in the Arcadis, U.S., Inc. *Soil Vapor Extraction (SVE) Pilot Test Workplan*, dated November 19, 2010. Soil samples from VE-1 taken at 10 and 25 feet bgs detected concentrations of TPH-G at 3,500 and 1,300 mg/kg. No soil samples were collected from SP-1. Light non-aqueous phase liquid (LNAPL) was observed in VE-1 at a thickness of 0.08 feet. Groundwater samples collected from SP-1 detected TPH-G and benzene at concentrations of 310 and 52 micrograms per liter (µg/L).

In May 1995, an air sparge (AS) and vapor extraction test was conducted to determine sparge and vacuum remediation feasibility at the Site. An effective radius of influence of approximately 30 feet was determined achievable with an air flow rate of 10 cubic feet per meter (cfm) at 25 pounds per square inch (psi). The air flow required to maintain aerobic conditions was determined to be 0.816 standard cubic feet per meter (scfm) and recommended for two scfm. No vacuum pressure drawdowns were observed in any test well; however, air samples collected during testing detected TPH-G concentrations of up to 1,500 parts per million by volume (ppmV) and benzene concentrations of up to 14 ppmV (Alisto Engineering Group, 1995).

JUNE 1996 – WELL INSTALLATION

In June 1996, six combined air sparging and vapor extraction wells (CW-1 through CW-6) and one air sparging well (SP-2) were installed for a proposed remediation system. No samples were collected for laboratory analysis (Alisto Engineering Group, 1996).

JUNE 1997 – SUBSURFACE INVESTIGATION

In June 1997, monitoring well MW-6 was installed. Soil and groundwater samples collected from MW-6 were below MTCA Method A Cleanup Levels for TPH-G (Alisto Engineering Group, 1997).

APRIL 1998 – WELL INSTALLATION AND ABANDONMENT

According to Delta Environmental Consultant's *Air Sampling Results* Report, dated October 17, 2003, monitoring wells MW-7 and MW-8 were installed in early 1998 and subsequently abandoned by 2003. Groundwater samples were collected from monitoring wells MW-7 and MW-8 between April 1998 and June 1999. Details regarding the installation and abandonment of these wells are not known at this time (Delta Environmental Consultants, Inc., 2003).

JULY 2003 – INDOOR AIR SURVEY

In July 2003, indoor station air was tested for gasoline range hydrocarbons. Air was monitored using a photoionization detector (PID) around the station area and passive organic vapor monitoring devices placed in select indoor and outdoor locations. In September 2003, two additional passive organic vapor monitoring devices were placed in the station building. PID monitoring and laboratory analytical results from July and September 2003 concluded that air quality was within acceptable ranges during the times of investigation (Delta Environmental Consultants, Inc., 2003).

2007 – SUBSURFACE INVESTIGATION

According to the Arcadis U.S., Inc. *Enhanced LNAPL Recovery Event Completion Report,* dated, January 4, 2013, monitoring well GMW-1 was installed as part of Phase II activities on the Virginia Mason Franciscan Health (VMFH) Medical Clinic property. Four soil samples and one groundwater sample were submitted for laboratory analysis. All soil samples were below MTCA Method A Cleanup Levels for TPH-G and BTEX. The groundwater sample was below MTCA Method A Cleanup Levels for TPH-G, TPH-D, and lead (Arcadis U.S., Inc., 2013).

AUGUST 2010 – SUBSURFACE INVESTIGATION

In August 2010, one monitoring well (MW-9) was installed off-site and downgradient of the Site. Three soil samples were collected during installation and submitted for laboratory analysis. None of the soil samples contained concentrations of petroleum hydrocarbons greater than laboratory detection limits. The soil samples did contain detectable concentrations of lead, none of which exceeded MTCA Method A Cleanup Levels (Arcadis U.S., Inc., 2010).

JANUARY 2012 – SUBSURFACE INVESTIGATION

In January 2012, three extraction wells (EW-1 through EW-3), one monitoring well (MW-10), and four soil borings (SB-1 through SB-4) were advanced at the Site. Two to four soil samples were submitted for laboratory analysis from each boring. Soil samples exceeded MTCA Method A Cleanup Levels for TPH-G from borings SB-1 through SB-4 and EW-1 through EW-3, TPH-D and TPH-O from boring SB-3, benzene from boring SB-3, SB-4, EW-1 through EW-3, toluene from boring EW-1, ethylbenzene from SB-3 and EW-1, total xylenes from SB-3 and EW-1, and benzo[a]pyrene from SB-3 (Arcadis U.S., Inc., 2013).

2012 TO 2013 – PRODUCT RECOVERY EVENTS

In April and May 2012, mobile phase extraction (MPE) events were conducted at EW-1 through EW-3. A total of 330 gallons of LNAPL-water mixture was extracted from EW-1 through EW-3 in April 2012. A total of 598 gallons of LNAPL-water mixture was extracted from EW-1 through EW-3 in May 2012. In August 2012, an MPE event was conducted at VE-1, MW-4, EW-1, and EW-2. A total of 55 gallons of LNAPL-water mixture was extracted from VE-1, MW-4, EW-1, and EW-2 in August 2012. Following the three MPE events, LNAPL was not observed at extraction wells EW-1 through EW-3. In August 2012, the belt skimmer that was installed in 1994 was removed and decommissioned from MW-4 due to the water table dropping below the level of the belt skimmer. (Arcadis U.S., Inc., 2013).

In May 2013, disposable bailers were utilized to recover LNAPL that was observed in monitoring well MW-4. A total of 5.2 gallons of LNAPL and 4.9 gallons of purge water were removed from monitoring well MW-4 (Arcadis U.S., Inc., 2014).

AUGUST 2013 - SUBSURFACE INVESTIGATION AND REMEDIATION WELL INSTALLATION

On August 1, 2013, one AS well (AS-1) and one vapor extraction well (VE-2) were installed. Soil samples from AS-1 at 20 feet bgs contained concentrations of TPH-G exceeding MTCA Method A Cleanup Levels. All soil samples from VE-2 contained concentration of petroleum hydrocarbons below MTCA Method A Cleanup Levels (Arcadis U.S., Inc., 2014).

OCTOBER 2013 – AS/SVE PILOT TESTS

On October 16 and 17, 2013, three pilot tests were performed at the Site to evaluate AS/SVE as a remedial alternative. The first pilot test consisted of a vapor extraction step test at monitoring well MW-2. The second pilot test consisted of an air sparging test and constant rate test at air sparge well AS-1. The third pilot test consisted of an SVE step test and constant rate test at vapor extraction well VE-2. Based on the results of the pilot testing, it was determined that AS/SVE was an appropriate technology at the Site (Arcadis, U.S., Inc., 2014).

JUNE 2014 – SUBSURFACE INVESTIGATION AND REMEDIATION WELL INSTALLATION

In 2014, five AS wells (AS-2 through AS-6) and three SVE wells (VE-3 through VE-5) were installed for the AS/SVE remediation system. Combined AS/SVE wells CW-2 through CW-4 were incorporated into the remediation system. Soil samples collected during well installation activities contained concentrations of petroleum hydrocarbons exceeding MTCA Method A Cleanup Levels for TPH-G from borings AS-3, AS-6, and VE-4, benzene from borings AS-3, AS-5, and AS-6, toluene from boring AS-3, ethylbenzene from boring AS-3, total xylenes from boring AS-3, and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) from borings AS-3 and VE-4 (Arcadis U.S., Inc., 2015).

2015 – REMEDIATION SYSTEM INSTALLATION

Between October and November 2015, AS/SVE remediation system trenching and underground conveyance piping were installed to the system equipment compound.

In January 2016, AS/SVE system equipment was placed, a well manifold was constructed, and remediation wells were connected to the system compound. The AS system equipment consisted of a 15 horsepower (HP) air compressor capable of 90 scfm at 28 psi, nine AS wells, remedial piping, and a five-well manifold connected with solenoid valves for pulsing operations. The SVE system equipment consisted of a five HP blower capable of 120 scfm at 80 inches of water (in WC) vacuum, eight SVE wells, a five-well manifold with an additional two individual SVE lines, remedial piping, knock-out tank, vapor control valve (VCV), FALCO electric catalytic oxidizer, and round pipe effluent stack. The system was equipped with a programmable logic controller for automated operation. Safety devices were equipped throughout the system. Notice of Construction No. 10813 and Registration No. 29664 was issued by Puget Sound Clean Air Agency (PSCAA).

Between April 18 and 22, 2016, the remediation system was turned on. Following the completion of electrical testing, the system was energized (Arcadis U.S., Inc., 2016).

OCTOBER 2018 – SUBSURFACE INVESTIGATION

In October 2018, two soil borings were advanced and completed as monitoring wells MW-11 and MW-12. Soil samples collected during well installation activities contained concentrations of TPH-G exceeding MTCA Method A Cleanup Levels from boring MW-12 (Arcadis U.S., Inc., 2018).

2021 – REMEDIATION SYSTEM AIR SPARGE PILOT TESTS

According to Antea Group's *Subsurface Investigation Report,* dated May 16, 2024, an AS pilot test was conducted to determine if low sparge pressure operations were feasible at the Site in July 2021. Positive pressures were observed in test wells during lowest achievable flow rate in AS wells and higher than typical vacuum operation in SVE wells. The catalytic oxidizer unit did not have consistent operation due to electrical component issues causing inconsistent SVE and system operation during the test. A second pilot test with continuous SVE operation was determined necessary.

In September and October 2021, a second AS test was performed after fixing the catalytical oxidizer component. To test subsurface pressure changes and potential for pulsed air sparge operations, AS was introduced at the lowest achievable flow rate and later shut down. A second round of AS startup and shutdown was performed. SVE operation was continuous throughout the test to apply a constant vacuum to the subsurface and try to overcome positive AS pressures. During the test, positive pressures were observed in the test wells while AS and SVE were operational. When AS was shutdown, vacuum conditions were observed in the test wells. Combined SVE well influent PID readings increased from 24 ppmV to 29.5 ppm when AS was operational. Individual SVE wells VE-1 and VE-2 increased from 19.4 ppmV to 453.4 ppmV and 74.7ppmV to 417.3 ppmV, respectively, when AS was operational (Antea Group, 2024).

DECEMBER 2022 – PETROFIX INJECTION

In December 2022, a PetroFix® amendment injection pilot study was conducted. Baseline groundwater monitoring was conducted prior to the injection. Approximately 1,600 pounds of PetroFix® amendment and 819 gallons of water were injected in EW-1 through EW-3 and MW-4. Continuous monitoring of observations wells for depth to groundwater, pressure, and PetroFix® surfacing was conducted throughout the test. Following the injection test, performance groundwater sampling occurred (Antea Group, 2023).

2023 – SUBSURFACE INVESTIGATION

In September and December of 2023, two soil vapor probes (SVP-1 and SVP-2), three soil borings (SB-7 through SB-9), and four groundwater monitoring wells (MW-13 through MW-16) were installed. The purpose of the investigation was to delineate the extent of the Ecology MTCA Site boundary, evaluate effectiveness of the SVE system in reducing historical soil impacts, and assess the soil vapor intrusion pathways on-site. Soil samples from SB-7, SB-8, SB-9, MW-14, and MW-15 contained concentrations of petroleum hydrocarbons above MTCA Method A Cleanup Levels. (Antea Group, 2024).

2023 – 2024 – SOIL VAPOR INTRUSION EVALUATION

In December 2023 and June 2024, a soil vapor intrusion evaluation was conducted to evaluate potential vapor intrusion into the existing station building at the Site. Laboratory results for both seasonal sampling events indicated that constituents of concern were below the Commercial Worker Sub-Slab Soil Gas Screening Levels for cancer and noncancer as well as the more conservative Method B Soil Gas Screening Levels for cancer and noncancer (Antea Group, 2025).

Appendix C – Field and Work Plan Contingencies

Preparations for varying field conditions and potential change-in-conditions during field activities have been reviewed and planned for as referenced below:

- Changes in weather conditions such as hail, high wind, or lightning may require suspension of field activities and the need for field personnel to shelter in place.
- Availability of staff delays due to traffic or other unexpected conditions may require field staff to work extended hours or suspend operations.
- Criminal activity and site security issues may necessitate additional security measures, such as an additional field personal presence.
- Excessive noise generation or noise complaints may require the addition of noise abatement equipment or changes to the operation or location of equipment.
- Unexpected equipment failures or deficiencies may require mobilization of technicians to troubleshoot and perform repairs.
- Scope changes to this work plan have been reviewed and have been planned based on field conditions and typical conditions. If site work is terminated based on unpredicted field conditions, a management of change (MOC) will be required prior to rescheduling site work or new site work will be addressed as a new project with a modified Work Plan.