

December 9, 2015

Ms. Melissa Schafer
Partners In Care, Manager of Vivolo Family, LLC
PO Box 21947
Seattle, Washington 98111

BY E-MAIL ONLY

**RE: SUBSURFACE INVESTIGATION
WEST SEATTLE 7-ELEVEN
4800 ERSKINE WAY SOUTHWEST
WEST SEATTLE, WASHINGTON
FARALLON PN: 1262-003**

Dear Ms. Schafer:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter report to document the subsurface investigation conducted on October 23 and 26, 2015 on behalf of Vivolo Family, LLC (Vivolo) for the property at 4800 Erskine Way Southwest in West Seattle, Washington (herein referred to as the Site) (Figure 1). The purpose of the subsurface investigation was to assess the Site for releases of constituents of potential concern (COPCs) to soil and/or groundwater from historical operations of a former Signal Oil Service Station and a former self-service laundromat on the Site.

This letter report includes a summary of the relevant Site background, the geology and hydrogeology of the Site vicinity, a description of the subsurface investigation conducted by Farallon in October 2015, the results, and Farallon's conclusions.

SITE BACKGROUND

The Site consists of King County Tax Parcel No. 390210-0220, which is in a commercial area of West Seattle, King County, Washington (Figure 2). The Site is owned by Vivolo and is developed with a 2,160-square-foot retail building occupied by 7-Eleven, a retail convenience store.

The Site is bordered by Erskine Way Southwest to the west/northwest, beyond which is the Uptown Espresso coffee shop and single-family residential properties; the intersection of Erskine Way Southwest, California Avenue Southwest, and Southwest Edmunds Street to the north, beyond which are commercial properties occupied by Chase Bank and Westside Public House; California Avenue Southwest to the east, beyond which are commercial properties occupied by a nail salon, a Bridgestone tire center, and the Pho Than Brothers restaurant; and a multifamily residential property with street-level retail tenants consisting of the Washington Beauty School, Seattle Insurance, and Banquet and Event Resource, Inc. to the south.



According to the *Phase I Environmental Site Assessment* report dated September 24, 2015 prepared for the Site by The Riley Group, Inc. (2015 Phase I report), the center of the Site was developed in 1926 with a 900-square-foot branded Signal Oil Service Station building with fuel dispenser islands and underground storage tanks (USTs) in the northern portion of the Site. A self-service laundry building was developed on the southwestern portion of the Site in 1947. The Signal Oil Service Station operated until 1952, when the building was demolished. A drive-in restaurant was developed on the northern portion of the Site in 1952, and both the drive-in restaurant and laundry facility were demolished in 1973. The current building was developed in 1973 as a 7-Eleven convenience store.

GEOLOGY/HYDROGEOLOGY

According to the *Geologic Map of Seattle – A Progress Report*, the geology in the Site region consists of Recessional Lacustrine Deposits, described as laminated silt and clay with local sand layers, peat, and other organic sediments that were deposited in slow-forming water and ephemeral lakes.

Based on Farallon's observations made during the subsurface investigation conducted in October 2015, the general Site stratigraphy at borings FB-1, FB-2, FB-5, and FB-6 consists of silty sand to the total depth explored of approximately 20 feet below ground surface (bgs). The stratigraphy at borings FB-3 and FB-4 advanced at the Site consists of sandy silt to the total depth explored of approximately 20 feet bgs.

A shallow groundwater-bearing zone was encountered in boring FB-2 at a depth of 15 feet bgs. Boring FB-2 is located in the approximate location of the former USTs; it is unknown whether this is a confined groundwater bearing zone. Groundwater was not encountered in any of the other borings advanced at the Site.

SUBSURFACE INVESTIGATION

Farallon conducted a subsurface investigation at the Site on October 23 and 26, 2015. The scope of work for the subsurface investigation was based on the results presented in the 2015 Phase I report and Farallon's opinion of potential historical operations at the laundry facility. The COPCs identified for the subsurface investigation included:

- Halogenated volatile organic compounds (HVOCs);
- Total petroleum hydrocarbons as diesel-range organics (DRO), as oil-range organics (ORO), and as gasoline-range organics (GRO); and
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX).

A summary of the subsurface investigation field program is provided below.



FIELD SAMPLING PROGRAM

A ground-penetrating radar survey was performed across the entire parking lot and in accessible landscaped areas at the Site on October 23, 2015. The results from the survey did not indicate the presence of USTs.

Borings FB-1 through FB-6 were advanced at the Site on October 26, 2015 to a maximum depth of 20 feet bgs to assess soil and/or groundwater quality. Borings FB-1 through FB-4 were advanced in the area of the former Signal Oil Service Station fuel dispenser and UST locations along the northern portion of the Site. Borings FB-5 and FB-6 were advanced proximate to the former self-service laundromat on the southwestern portion of the Site. The boring locations are shown on Figure 2.

Soil Sampling

Soil samples were collected continuously during the advancement of borings FB-1 through FB-6 by ESN Northwest of Olympia, Washington using a direct-push drill rig equipped with macrocore samplers. A Farallon Geologist observed subsurface conditions and retained soil samples from selected intervals for laboratory analysis based on field indications of potential contamination. Soil samples collected from borings FB-1 through FB-6 were collected and preserved in accordance with U.S. Environmental Protection Agency (EPA) Method 5035A. The soil samples were transferred directly into laboratory-prepared glass sample containers, placed on ice in a cooler, and delivered under standard chain-of-custody protocols to OnSite Environmental Inc. of Redmond, Washington. The information recorded on the boring logs included soil types encountered, visual and olfactory evidence of potential contamination, and volatile organic vapor concentrations as measured using a photoionization detector. The boring logs are provided in Attachment A.

Reconnaissance Groundwater Sampling

Groundwater was purged using a peristaltic pump from a temporary 5-foot polyvinyl chloride screen interval in boring FB-2, until the groundwater was clear in appearance. A reconnaissance groundwater sample was collected and transferred directly into laboratory-prepared sample containers, placed on ice in a cooler, and delivered under standard chain-of-custody protocols to OnSite Environmental Inc.

Laboratory Analysis

Select soil and reconnaissance groundwater samples collected from borings FB-1 through FB-6 were analyzed for HVOCs by EPA Method 8260C, for DRO and ORO by Northwest Method NWTPH-Dx, for GRO by Northwest Method NWTPH-Gx, for BTEX by EPA Method 8021B, and/or for total metals by EPA Method 6010C/7471B.



INVESTIGATION-DERIVED WASTE

Soil cuttings, decontamination water, purge water, and other wastewater generated during the subsurface investigation are temporarily stored in labeled drums on the Site. The analytical results for the soil and reconnaissance groundwater samples will be used to develop a waste profile for disposal of the waste off the Site at a disposal facility approved by the Washington State Department of Ecology (Ecology).

RESULTS

A summary of the laboratory analytical results for soil samples collected from the Site is provided in Tables 1 through 3. A summary of the laboratory analytical results for the reconnaissance groundwater sample collected from the Site is provided in Table 4. The laboratory analytical reports for the soil and reconnaissance groundwater samples collected during the subsurface investigation conducted in October 2015 are provided in Attachment B.

SOIL

Field evidence, including petroleum odor in soil, and elevated photoionization detector readings, indicated the potential presence of COPCs in soil at depths ranging from approximately 8 to 12 feet bgs in borings FB-1 through FB-4. GRO was detected at concentrations of 240, 60, and 120 milligrams per kilogram (mg/kg) in the soil samples collected from boring FB-2 at 8.2 and 12.2 feet bgs and from boring FB-3 at 6.5 feet bgs, respectively, which exceed the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup level of 30 mg/kg. GRO was detected at concentrations less than the MTCA Method A cleanup level in the soil samples collected from boring FB-2 at a depth of 17 feet bgs, and from boring FB-4 at a depth of 6.5 feet bgs. GRO was reported non-detect at the laboratory practical quantitation limit (PQL) in all other soil samples analyzed from borings FB-1 through FB-4 (Figure 3; Table 1).

Benzene was detected at concentrations of 0.16, 0.065, and 0.48 mg/kg in the soil samples collected from boring FB-3 at depths of 6.5, 12, and 19.8 feet bgs, respectively, which exceed the MTCA Method A cleanup level of 0.03 mg/kg. Benzene was reported non-detect at the laboratory PQL in all the soil samples analyzed from borings FB-1, FB-2, and FB-4 (Figure 3; Table 1).

DRO, ORO, toluene, ethylbenzene, and xylenes were detected at concentrations less than the MTCA Method A cleanup level or were reported non-detect at the laboratory PQL in all soil samples analyzed from borings FB-1 through FB-4 (Figure 3; Table 1).

The dry cleaning solvent tetrachloroethene and its associated HVOC degradation compounds trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride were not detected at concentrations exceeding laboratory PQLs in the soil samples collected from borings FB-5 or FB-6 (Figure 4; Table 2).



Lead was detected at concentrations less than the MTCA Method A cleanup level or was reported non-detect at the laboratory PQL in all soil samples analyzed from borings FB-1 through FB-4 (Table 3). Arsenic, barium, cadmium, chromium, mercury, selenium, and silver were detected at concentrations less than the MTCA Method A cleanup level or were reported non-detect at the laboratory PQL in the soil sample analyzed from boring FB-4 (Table 3).

RECONNAISSANCE GROUNDWATER

GRO and benzene were detected at concentrations of 1,100 and 6.3 micrograms per liter ($\mu\text{g/l}$), respectively, in the reconnaissance groundwater sample collected from boring FB-2, which exceed MTCA Method A cleanup levels (Figure 5; Table 4). Toluene, ethylbenzene, and xylenes were detected at concentrations exceeding the laboratory PQLs but less than MTCA Method A cleanup levels in the reconnaissance groundwater sample collected from boring FB-2. DRO and ORO were reported non-detect at the laboratory PQLs in the reconnaissance groundwater sample collected from boring FB-2.

CONCLUSIONS

The results from the subsurface investigation identified a release of gasoline-related COPCs to soil and groundwater at concentrations exceeding MTCA cleanup levels in the area of the former Signal Oil Service Station on the northern portion of the Site. There is no indication of any historical release related to the former laundry building on the southern portion of the Site.

Concentrations of GRO detected in several soil samples collected from borings FB-2 and FB-3, benzene detected in several soil samples collected from boring FB-3, and GRO and benzene detected in the reconnaissance groundwater sample collected from boring FB-2 confirmed the presence of shallow petroleum-contaminated soil and discontinuous perched groundwater, which may require special handling and disposal, in accordance with the Ecology *Guidance for Remediation of Petroleum Contaminated Soils* dated 2011, if excavated during future development of the Site. The soil comprises sandy silt and silty sand.

No USTs were observed during the ground-penetrating radar survey. The extent of petroleum-contaminated soil south, west, and north of the current boring locations is unknown. It also is unknown whether a perched groundwater zone is present in the central portion of the Site, or whether it extends off the Site to the west. Further characterization is recommended to define the nature and extent of petroleum contamination in soil and groundwater at the Site.



CLOSING

Farallon appreciates the opportunity to provide Vivolo Family, LLC with environmental consulting services. Please contact either of the undersigned at (425) 295-0800 if you have questions or comments regarding this letter.

Sincerely,

Farallon Consulting, L.L.C.

Joe Rounds
Senior Project Manager

Clifford T. Schmitt, L.G., L.H.G.
Principal Geologist

Attachments: Figure 1, *Site Vicinity Map*
Figure 2, *Site Location Map*
Figure 3, *Analytical Results for DRO/ORO/GRO/BTEX in Soil Sampled October 26, 2015*
Figure 4, *Analytical Results for HVOCs in Soil Sampled October 26, 2015*
Figure 5, *Analytical Results for DRO/ORO/GRO/BTEX in Groundwater Sampled October 26, 2015*
Table 1, *Summary of Soil Analytical Results for TPH and BTEX*
Table 2, *Summary of Soil Analytical Results for HVOCs*
Table 3, *Summary of Soil Analytical Results for Metals*
Table 4, *Summary of Reconnaissance Groundwater Analytical Results for TPH and BTEX*
Attachment A, Boring Logs
Attachment B, Laboratory Analytical Report

cc: Ian T. Sutton, Joyce Ziker Parkinson, PLLC (e-mail only)

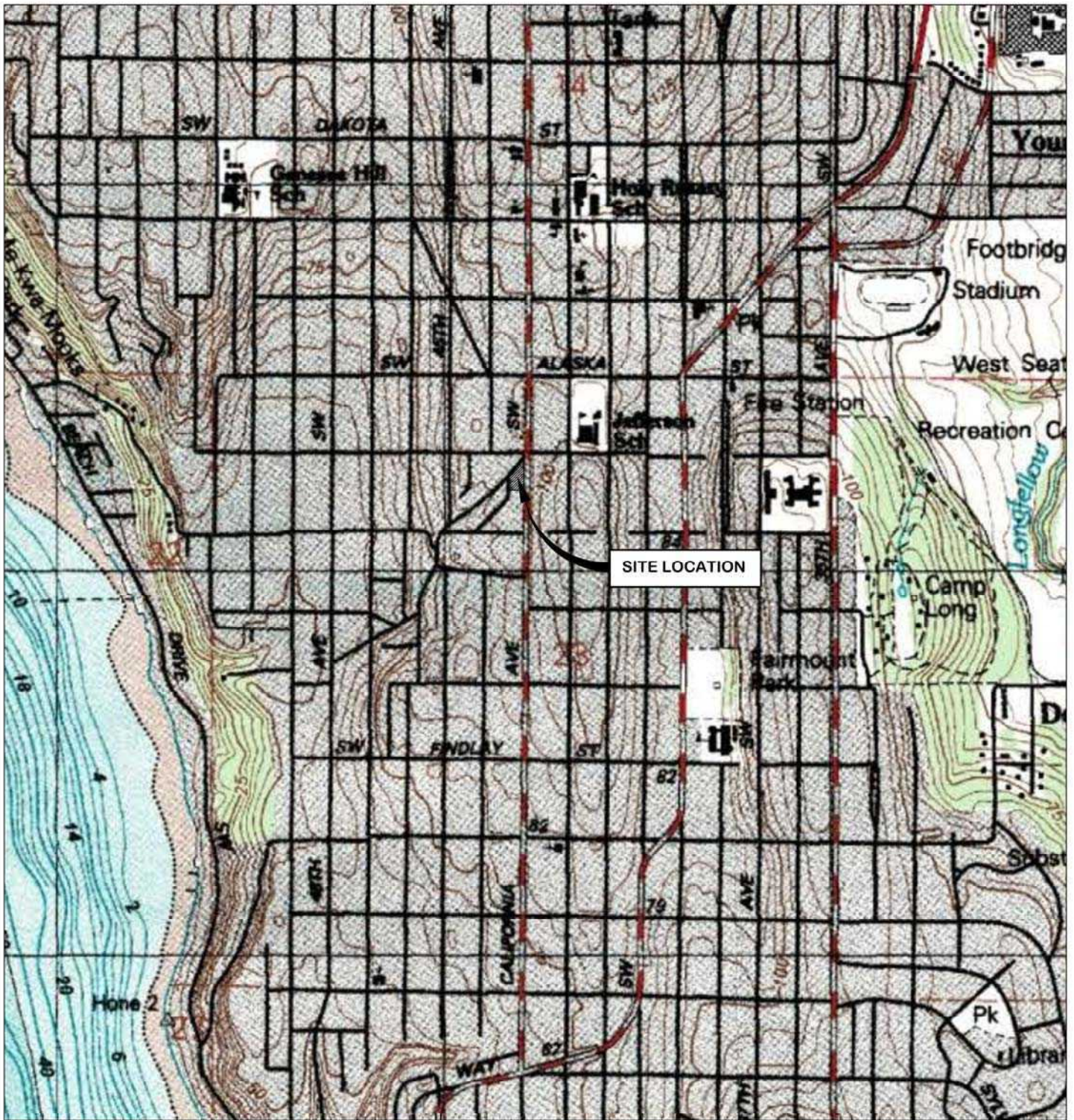
JR/CTS:bjj

FIGURES

SUBSURFACE INVESTIGATION

**West Seattle 7-Eleven
4800 Erskine Way Southwest
West Seattle, Washington**

Farallon PN: 1262-003



REFERENCE: 7.5 MINUTE USGS QUADRANGLE WEST SEATTLE, WASHINGTON. DATED 1983



Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Bend | Baker City

California
Oakland | Sacramento | Irvine

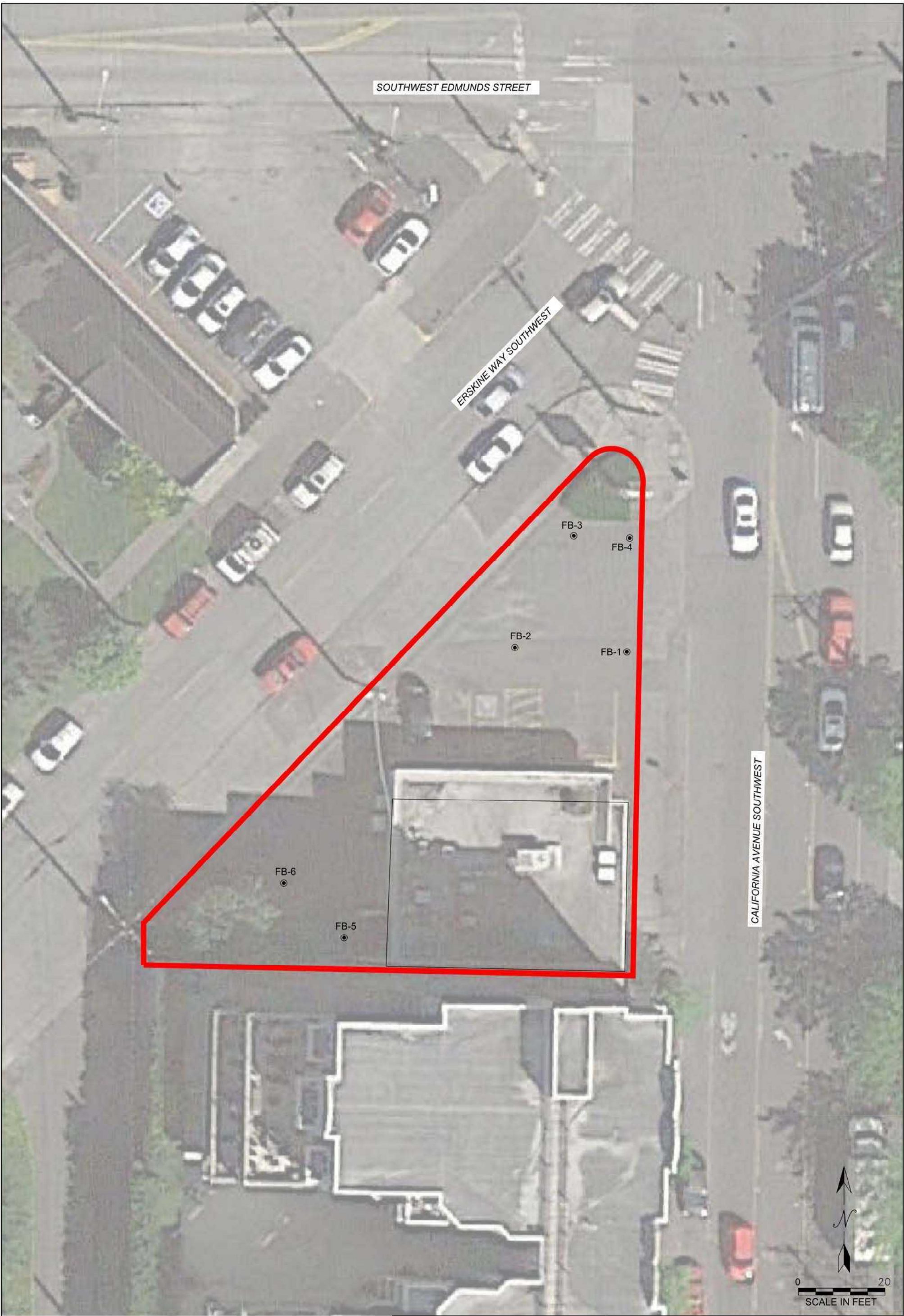
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FIGURE 1

SITE VICINITY MAP
WEST SEATTLE 7-ELEVEN
4800 ERSKINE WAY SOUTHWEST
WEST SEATTLE, WASHINGTON

FARALLON PN: 1262-003



LEGEND

- PROPERTY BOUNDARY
- BUILDING
- FB-1 ● BORING (FARALLON 2015)
- ALL LOCATIONS ARE APPROXIMATE

Washington
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Oregon
Portland | Bend | Baker City

California
Oakland | Sacramento | Irvine

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FIGURE 2

SITE LOCATION MAP
WEST SEATTLE 7-ELEVEN
4800 ERSKINE WAY SOUTHWEST
WEST SEATTLE, WASHINGTON

FARALLON PN: 1262-003



DEPTH	DRO	ORO	GRO	B	T	E	X
6.5'	<31	<61	120	0.16	<0.13	0.73	0.59
12.0'	<33	<67	<8.1	0.065	0.24	<0.081	0.18
20.0'	<32	<64	<6.7	0.48	0.27	<0.067	0.268

DEPTH	DRO	ORO	GRO	B	T	E	X
6.5'	<33	<65	25	<0.020	<0.15	<0.15	0.38
12.0'	<33	<67	<7.2	<0.020	<0.072	<0.072	<0.072
20.0'	<30	<60	<6.3	<0.020	<0.063	<0.063	<0.063

DEPTH	DRO	ORO	GRO	B	T	E	X
3.5'	46	<58	<6.0	<0.020	<0.060	<0.060	<0.060
8.2'	<130	<56	240	<0.023	<0.11	0.80	0.75
12.2'	<27	<54	60	<0.022	<0.11	0.29	0.38
17.0'	<30	<59	14	<0.020	<0.14	<0.14	<0.14
19.0'	<30	<59	<6.4	<0.020	<0.064	<0.064	<0.064

DEPTH	DRO	ORO	GRO	B	T	E	X
2.5'	<28	<57	<6.4	<0.020	<0.064	<0.064	<0.064
11.8'	<30	460	<6.4	<0.020	<0.064	<0.064	<0.064
17.2'	<31	<61	<12	<0.024	<0.12	<0.12	<0.12

LEGEND

- PROPERTY BOUNDARY
- BUILDING
- FB-1 ● BORING (FARALLON 2015)

ALL SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM [DEPTH/DRO/ORO/GRO/B/T/E/X]

DEPTH IN FEET BELOW GROUND SURFACE

GRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS

ORO = TPH AS OIL-RANGE ORGANICS

DRO = TPH AS DIESEL-RANGE ORGANICS

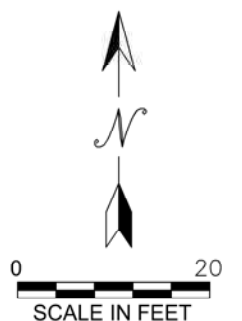
B = BENZENE E = ETHYLBENZENE

T = TOLUENE X = XYLENES

ALL LOCATIONS ARE APPROXIMATE

BOLD = INDICATES CONCENTRATIONS EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT AND REGULATION METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED AT OR EXCEEDING THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT



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FIGURE 3

ANALYTICAL RESULTS FOR DRO/ORO/GRO/BTEX IN SOIL SAMPLED OCTOBER 26, 2015
WEST SEATTLE 7-ELEVEN
4800 ERSKINE WAY SOUTHWEST
WEST SEATTLE, WASHINGTON

FARALLON PN: 1262-003

Drawn By: DJR

Checked By: JR

Date: 11/11/2015 Disk Reference: 1262-003 REV 1.DWG



DEPTH	PCE	TCE	cis-DCE	trans-DCE	VC
3.0'	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097
9.0'	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
19.5'	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012

DEPTH	PCE	TCE	cis-DCE	trans-DCE	VC
3.3'	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
19.5'	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012

LEGEND

- PROPERTY BOUNDARY
- BUILDING

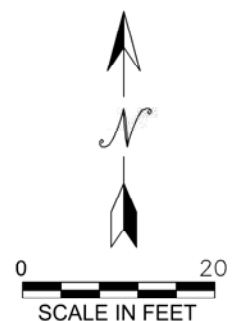
FB-1 ● BORING (FARALLON 2015)

SOIL CONCENTRATION OF PCE/TCE/cis-DCE/VC
SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

HVOCs = HALOGENATED VOLATILE ORGANIC COMPOUNDS
cis-DCE = cis-1,2-DICHLOROETHENE
trans-DCE = trans-1,2-DICHLOROETHENE
TCE = TRICHLOROETHENE
PCE = TETRACHLOROETHENE
VC = VINYL CHLORIDE
ALL LOCATIONS ARE APPROXIMATE

BOLD = INDICATES CONCENTRATION EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT AND REGULATION METHOD A AND METHOD B CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED AT OR EXCEEDING THE STATED LABORATORY PRACTICAL QUANTITATION LIMITS



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FIGURE 4

ANALYTICAL RESULTS FOR HVOCs
IN SOIL SAMPLED OCTOBER 26, 2015
WEST SEATTLE 7-ELEVEN
4800 ERSKINE WAY SOUTHWEST
WEST SEATTLE, WASHINGTON

FARALLON PN: 1262-003

Drawn By: DJR

Checked By: JR

Date: 11/11/2015 Disk Reference: 1262-003 REV 1.DWG



LEGEND

PROPERTY BOUNDARY
 BUILDING

FB-1 ● BORING (FARALLON 2015)

ALL GROUNDWATER RESULTS IN MICROGRAMS PER LITER [DRO/ORO/GRO/BTEX]

GRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE-RANGE ORGANICS

ORO = TPH AS OIL-RANGE ORGANICS

DRO = TPH AS DIESEL-RANGE ORGANICS

B = BENZENE E = ETHYLBENZENE

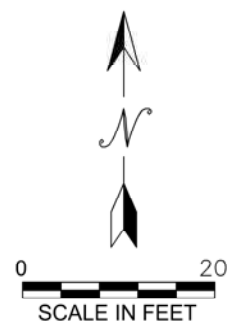
T = TOLUENE X = XYLENES

NO GW = NO GROUNDWATER ENCOUNTERED

ALL LOCATIONS ARE APPROXIMATE

BOLD = INDICATES CONCENTRATIONS EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT AND REGULATION METHOD A CLEANUP LEVELS

< = INDICATES CONCENTRATIONS NOT DETECTED AT OR EXCEEDING THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT




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FIGURE 5

ANALYTICAL RESULTS FOR DRO/ORO/GRO/BTEX IN GROUNDWATER SAMPLED OCTOBER 26, 2015
 WEST SEATTLE 7-ELEVEN
 4800 ERSKINE WAY SOUTHWEST
 WEST SEATTLE, WASHINGTON

FARALLON PN: 1262-003

Drawn By: DJR

Checked By: JR

Date: 11/11/2015 Disk Reference: 1262-003 REV 1.DWG

TABLES

**SUBSURFACE INVESTIGATION
West Seattle 7-Eleven
4800 Erskine Way Southwest
West Seattle, Washington**

Farallon PN: 1262-003

Table 1
Summary of Soil Analytical Results for TPH and BTEX
West Seattle 7-Eleven
West Seattle, Washington
Farallon PN: 1262-003

Sample Identification	Sample Location	Sample Date	Sample Depth (feet) ¹	Analytical Results (milligrams per kilogram)						
				DRO ²	ORO ²	GRO ³	Benzene ⁴	Toluene ⁴	Ethylbenzene ⁴	Xylenes ⁴
FB1-2.5-102615	FB-1	10/26/15	2.5	<28	<57	<6.4	<0.020	<0.064	<0.064	<0.064
FB1-11.8-102615	FB-1	10/26/15	11.8	<30	460	<6.4	<0.020	<0.064	<0.064	<0.064
FB1-17.2-102615	FB-1	10/26/15	17.2	<31	<61	<12	<0.024	<0.12	<0.12	<0.12
FB2-3.5-102615	FB-2	10/26/15	3.5	46	<58	<6.0	<0.020	<0.060	<0.060	<0.060
FB2-8.2-102615	FB-2	10/26/15	8.2	<130	<56	240	<0.023	<0.11	0.80	0.75
FB2-12.2-102615	FB-2	10/26/15	12.2	<27	<54	60	<0.022	<0.11	0.29	0.38
FB2-17.0-102615	FB-2	10/26/15	17	<30	<59	14	<0.020	<0.14	<0.14	<0.14
FB2-19.0-102615	FB-2	10/26/15	19	<30	<59	<6.4	<0.020	<0.064	<0.064	<0.064
FB3-6.5-102615	FB-3	10/26/15	6.5	<31	<61	120	0.16	<0.13	0.73	0.59
FB3-12.0-102615	FB-3	10/26/15	12	<33	<67	<8.1	0.065	0.24	<0.081	0.18
FB3-19.8-102615	FB-3	10/26/15	19.8	<32	<64	<6.7	0.48	0.27	<0.067	0.268
FB4-6.5-102615	FB-4	10/26/15	6.5	<33	<65	25	<0.020	<0.15	<0.15	0.38
FB4-12.0-102615	FB-4	10/26/15	12	<33	<67	<7.2	<0.020	<0.072	<0.072	<0.072
FB4-19.7-102615	FB-4	10/26/15	19.7	<30	<60	<6.3	<0.020	<0.063	<0.063	<0.063
MTCA Method A Cleanup Levels for Soil⁵				2,000	2,000	30	0.03	7	6	9

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

-- denotes sample was not analyzed.

¹Depth in feet below ground surface.

²Analyzed by Northwest Method NWTPH-Dx.

³Analyzed by Northwest Method NWTPH-Gx.

⁴Analyzed by U.S. Environmental Protection Agency Method 8021B.

⁵Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

Table 2
Summary of Soil Analytical Results for HVOCs
West Seattle 7-Eleven
West Seattle, Washington
Farallon PN: 1262-003

Sample Identification	Sample Location	Sample Date	Sample Depth (feet) ¹	Analytical Results (milligrams per kilogram) ²				
				PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
FB5-3.3-102615	FB-5	10/26/2015	3.3	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
FB5-19.5-102615	FB-5	10/26/2015	19.5	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
FB6-3.0-102615	FB-6	10/26/2015	3.0	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097
FB6-9.0-102615	FB-6	10/26/2015	9.0	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
FB6-19.5-102615	FB-6	10/26/2015	19.5	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
MTCA Cleanup Levels for Soil				0.05³	0.03³	160⁴	1,600⁴	0.67⁴

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.
 < denotes analyte not detected at or exceeding the reporting limit listed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8260B.

³Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

⁴Washington State Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, <https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx>

HVOCs = halogenated volatile organic compounds
 PCE = tetrachloroethene
 TCE = trichloroethene

Table 3
Summary of Soil Analytical Results for Metals
West Seattle 7-Eleven
West Seattle, Washington
Farallon PN: 1262-003

Sample Identification	Sample Location	Sample Date	Sample Depth (feet) ¹	Analytical Results (milligrams per kilogram) ²							
				Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
FB1-2.5-102615	FB-1	10/26/15	2.5	--	--	--	--	<5.7	--	--	--
FB2-3.5-102615	FB-2	10/26/15	3.5	--	--	--	--	<5.8	--	--	--
FB3-1.9-102615	FB-3	10/26/15	1.9	--	--	--	--	7.3	--	--	--
FB4-3.8-102615	FB-4	10/26/15	3.8	<13	70	<0.63	49	<6.3	<0.31	<13	<1.3
MTCA Cleanup Levels for Soil³				20	1,600	2	2,000	250	2	NE	NE

NOTES:

-- denotes no sample collected.

NE = not established

Results in **bold** denote concentrations exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Methods 6000/6010/7000 Series.

³Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013.

Table 4
Summary of Reconnaissance Groundwater Analytical Results for TPH and BTEX
West Seattle 7-Eleven
West Seattle, Washington
Farallon PN: 1262-003

Sample Identification	Sample Location	Sample Date	Analytical Results (micrograms per liter)						
			DRO ¹	ORO ¹	GRO ²	Benzene ³	Toluene ³	Ethyl-benzene ³	Xylenes ³
FB2-GW-102615	FB-2	10/26/15	<380	<480	1,100	6.3	3.2	20	10.8
MTCA Method A Cleanup Levels for Groundwater⁴			500	500	800	5	1,000	700	1,000

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

- denotes depth of sample unknown.

¹Analyzed by Northwest Method NWTPH-Dx.

²Analyzed by Northwest Method NWTPH-Gx.

³Analyzed by U.S. Environmental Protection Agency Method 8021B.

⁴Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

**ATTACHMENT A
BORING LOGS**

SUBSURFACE INVESTIGATION
West Seattle 7-Eleven
4800 Erskine Way Southwest
West Seattle, Washington

Farallon PN: 1262-003



Log of Boring: FB-1

Client: Partners in Care
Project: West Seattle 7-11
Location: 4800 Erskine Way SW, Seattle

Date/Time Started: 10/26/15 9:07
Date/Time Completed: 10/26/15 9:30
Equipment: Geoprobe 7800
Drilling Company: ESN NW
Drilling Foreman: Don Harnden
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Farallon PN: 1262-003

Logged By: Andrew Taylor

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0.0 to 0.7'		Asphalt	AC							Asphalt
0.7 to 1.8'		SILT (95% silt, 5% sand), fine sand, tan, moist, no odor.	ML				0.7	SS at 1.0		
1.8 to 3.3'		Well-graded SAND (100% sand), fine to coarse sand, tan to brown, dry, no odor.	SW		66	22	22	FB1-2.5-102615	X	
3.3 to 5.0'		No Recovery.								
5.0 to 7.8'		Well-graded SAND (95% sand, 5% silt), fine to coarse sand, tan to brown, dry to 6.6, wet 6.6 to 7.5, no odor, silt lense from 7.5 to 7.8.	SW		84	1.7	1.7	SS at 6.2		
7.8 to 9.2'		Well-graded SAND (95% sand, 5% silt), fine to coarse sand, blueish gray, dry, petroleum-like odor.	SW			48.8	48.8	FB1-8.6-102615		
9.2 to 10.0'		No Recovery.								
10.0 to 14.2'		Well-graded SAND (95% sand, 5% silt), fine to coarse sand, blueish gray, dry, slight petroleum-like odor.	SW		100	60.1	60.1	FB1-11.8-102615	X	Bentonite
14.2 to 15.0'		Silty SAND (80% sand, 20% silt), fine to medium sand, orangeish brown, dry, no odor.	SM			42.8	42.8	SS at 13.8		
15.0 to 16.0'		Well-graded SAND with silt (90% sand, 10% silt), fine to coarse sand, blueish gray, moist to wet, strong petroleum-like odor.	SW-SM			0.1	0.1	SS at 15.5		
16.0 to 20.0'		SILT (90% silt, 10% sand), fine to medium sand, orange to gray at 17.0, dry, no odor.	ML		100	0.7	0.7	FB1-17.2-102615	X	

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA
Screened Interval (ft bgs): NA	Boring Abandonment: 10/26/15 Bentonite	Y: NA



Log of Boring: FB-2

Client: Partners in Care
Project: West Seattle 7-11
Location: 4800 Erskine Way SW, Seattle

Date/Time Started: 10/26/15 9:45
Date/Time Completed: 10/26/15 10:10
Equipment: Geoprobe 7800
Drilling Company: ESN NW
Drilling Foreman: Don Harnden
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): ~15
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Farallon PN: 1262-003

Logged By: Andrew Taylor

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0 to 0.5'	Asphalt.	AC							Asphalt
	0.5 to 2.4'	Sandy SILT (70% silt, 30% sand), fine to coarse sand, blueish gray, dry, no odor.	ML				7.0	SS at 1.5		
	2.4 to 4.3'	Silty SAND (85% sand, 15% silt), blueish gray, dry, petroleum-like odor.	SM		86		67.9	FB2-3.5-102615	X	
	4.3 to 5.0'	No Recovery.								
5		Well-graded SAND (95% sand, 5% silt), fine to coarse sand, tan/orange to blueish gray at 7.5', dry, petroleum-like odor below 7.5'	SW		86		15.3	SS at 6.0		
							818.9	FB2-8.2-102615	X	
	9.3 to 10.0'	No Recovery.								
10		Well-graded SAND (100% sand), fine to coarse sand, blueish gray, dry, petroleum-like odor.	SW		76		990.2	FB2-12.2-102615	X	Bentonite
	13.8 to 15.0'	No Recovery.								
15		Well-graded SAND (100% sand), fine to coarse sand, blueish gray to tan at 19.3, moist, petroleum-like odor from 15.0 to 19.0.	SW		100		807	FB2-17.0-102615	X	Water Level
							23.7	FB2-19.0-102615	X	Temp Well Screen 15-20'
								FB2-GW-102615	X	

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA
Screened Interval (ft bgs): NA	Boring Abandonment: 10/26/15 Bentonite	Y: NA



Log of Boring: FB-3

Client: Partners in Care
Project: West Seattle 7-11
Location: 4800 Erskine Way SW, Seattle
Farallon PN: 1262-003

Date/Time Started: 10/26/15 11:05
Date/Time Completed: 10/26/15 11:30
Equipment: Geoprobe 7800
Drilling Company: ESN NW
Drilling Foreman: Don Harnden
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Logged By: Andrew Taylor

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0.0 to 0.6'	Asphalt.	AC							Asphalt
	0.6 to 2.3'	Sandy SILT (60% silt, 40% sand), fine to medium sand, blueish gray, dry, no odor.	ML							
	2.3 to 3.1'	Wood debris and organic material.	WD		100		10.7	FB3-1.9-102615	X	
	3.1 to 5.0'	SILT with sand (85% silt, 15% sand), fine to medium sand, blueish gray, dry, no odor.	ML				5.3	SS at 3.7		
5	5.0 to 10.0'	Sandy SILT (60% silt, 40% sand), fine to medium sand, blueish gray to tan at 9.3, dry, petroleum-like odor.	ML				2096	FB3-6.5-102615	X	
					100		418.3	SS at 9.0		
10	10.0 to 13.6'	Sandy SILT (60% silt, 40% sand), fine to medium sand, tan to orange, dry, petroleum-like odor.	ML				43.5	FB3-12.0-102615	X	Bentonite
	13.6 to 15.0'	SILT (100% silt), gray, dry, slight petroleum-like odor.	ML				38.3	SS at 14.8		
15	15.0 to 20.0'	SILT (90% silt, 10% sand), fine to medium sand, gray, dry, slight petroleum-like odor.	ML				40.4	SS at 17.0		
					100		7.2	FB3-19.8-102615	X	
20										

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA
Screened Interval (ft bgs): NA	Boring Abandonment: 10/26/15 Bentonite	Y: NA



Log of Boring: FB-4

Client: Partners in Care
Project: West Seattle 7-11
Location: 4800 Erskine Way SW, Seattle
Farallon PN: 1262-003
Logged By: Andrew Taylor

Date/Time Started: 10/26/15 11:55
Date/Time Completed: 10/26/15 12:25
Equipment: Geoprobe 7800
Drilling Company: ESN NW
Drilling Foreman: Don Harnden
Drilling Method: Direct Push
Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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0	0 to 0.5': Asphalt.	AC								Asphalt
	0.5 to 5.0': SILT with sand (80% silt, 20% sand), fine to medium sand, tan/orange to blueish gray at 4.8, dry, no odor, sand lense from 0.5 to 0.7.	ML			100	2.1	SS at 1.6			
						2.2	FB4-3.8-102615	X		
5	5.0 to 10.0': SILT with sand (80% silt, 20% sand), fine to medium sand, blueish gray to tan/orange at 7.5, dry, petroleum-like odor.	ML			100	697	FB4-6.5-102615	X		
						48.4	SS at 8.5			
10	10.0 to 12.4': SILT with sand (80% silt, 20% sand), fine to medium sand, tan to orange, dry, no odor.	ML				7.7	FB4-12.0-102615	X		Bentonite
	12.4 to 15.0': SILT (95% silt, 5% sand), fine sand, gray, dry, no odor.	ML			100	3.1	SS at 14.7			
15	15.0 to 20.0': SILT (95% silt, 5% sand), fine sand, blueish gray, dry, no odor, sand lense from 16.2 to 16.5'.	ML			100	7.4	FB4-16.0-102615			
						2.1	FB4-19.7-102615	X		
20										

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft): NA	
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA	
Screened Interval (ft bgs): NA	Boring Abandonment: 10/26/15 Bentonite	Y: NA	



Log of Boring: FB-5

Client: Partners in Care
Project: West Seattle 7-11
Location: 4800 Erskine Way SW, Seattle

Date/Time Started: 10/26/15 13:25
Date/Time Completed: 10/26/15 13:40
Equipment: Geoprobe 7800
Drilling Company: ESN NW
Drilling Foreman: Don Harnden
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Farallon PN: 1262-003

Logged By: Andrew Taylor

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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0	0 to 0.5': Asphalt.	AC								Asphalt
	0.5 to 2.5': Silty SAND (60% sand, 40% silt), fine to coarse sand, brown, dry, no odor.	SM					2.1	SS at 1.4		
	2.5 to 3.9': Well-graded SAND (100% sand), fine to coarse sand, tan to orange, dry, no odor.	SW			78		2.9	FB5-3.3-102615	X	
	3.9 to 5.0': No Recovery.									
5	5.0 to 6.4': Silty SAND (70% sand, 30% silt), fine to coarse sand, tan to orange, dry, no odor.	SM					1.7	SS at 6.0		
	6.4 to 10.0': Well-graded SAND (100% sand), fine to coarse, tan to gray at 8.2, dry, no odor.	SW			100		1.9	FB5-8.7-102615		
10	10.0 to 15.0': Well-graded SAND (95% sand, 5% silt), gray with intermittent orange mottling, dry to 10.7, moist from 10.7 to 12.0, dry from 12.0 to 15.0, no odor.	SW			100		2.0	SS at 11.0		Bentonite
	15.0 to 20.0': Well-graded SAND (95% sand, 5% silt), gray with intermittent orange mottling, dry, no odor.	SW			100		1.7	FB5-14.0-102615		
15							1.5	SS at 17.0		
20							1.7	FB5-19.5-102615	X	

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA
Screened Interval (ft bgs): NA	Boring Abandonment: 10/26/15 Bentonite	Y: NA



Log of Boring: FB-6

Client: Partners in Care
Project: West Seattle 7-11
Location: 4800 Erskine Way SW, Seattle

Date/Time Started: 10/26/15 14:05
Date/Time Completed: 10/26/15 14:20
Equipment: Geoprobe 7800
Drilling Company: ESN NW
Drilling Foreman: Don Harnden
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 20
Total Well Depth (ft bgs): NA

Farallon PN: 1262-003

Logged By: Andrew Taylor

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0.0 to 0.5'		Asphalt.	AC							Asphalt
0.5 to 2.2'		Silty SAND (80% sand, 20% silt), fine to coarse sand, brown, dry, no odor.	SM				1.1	SS at 1.0		
2.2 to 3.9'		Poorly-graded SAND (95% sand, 5% gravel), fine to medium sand, fine gravel, tan, dry, no odor.	SP		78		1.3	FB6-3.0-102615	X	
3.9 to 5.0'		No Recovery.								
5.0 to 6.1'		Poorly-graded SAND (95% sand, 5% gravel), fine to medium sand, fine gravel, tan, dry, no odor.	SP							
6.1 to 7.3'		Poorly-graded SAND (100% sand), fine to medium, orange and red, dry, no odor.	SP				1.1	SS at 6.7		
7.3 to 10.0'		Poorly-graded SAND with silt (90% sand, 10% silt), fine to medium sand, gray, dry, no odor.	SW-SM		100		1.5	FB6-9.0-102615	X	
10.0 to 10.3'		Poorly-graded SAND with silt (90% sand, 10% silt), fine to medium sand, gray, dry, no odor.	SW-SM							Bentonite
10.3 to 11.6'		Poorly-graded SAND (100% sand), fine to medium sand, orange and red, dry, no odor.	SP				2.1	SS at 11.3		
11.6 to 14.0'		Well-graded SAND (95% sand, 5% silt), fine to coarse sand, gray, dry, no odor.	SW		80		2.1	FB6-13.3-102615		
14.0 to 15.0'		No Recovery.								
15.0 to 20.0'		Well-graded SAND (95% sand, 5% silt), fine to coarse sand, gray, dry, no odor.	SW		100		1.8	SS at 16.5		
							1.5	FB6-19.5-102615	X	

Well Construction Information

Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: NA	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA
Screened Interval (ft bgs): NA	Boring Abandonment: 10/26/15 Bentonite	Y: NA

ATTACHMENT B
LABORATORY ANALYTICAL REPORT

SUBSURFACE INVESTIGATION

West Seattle 7-Eleven
4800 Erskine Way Southwest
West Seattle, Washington

Farallon PN: 1262-003



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 4, 2015

Joe Rounds
Farallon Consulting, LLC
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 1262-003
Laboratory Reference No. 1510-209

Dear Joe:

Enclosed are the analytical results and associated quality control data for samples submitted on October 27, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: November 4, 2015
Samples Submitted: October 27, 2015
Laboratory Reference: 1510-209
Project: 1262-003

Case Narrative

Samples were collected on October 26, 2015 and received by the laboratory on October 27, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX and Halogenated Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB1-2.5-102615					
Laboratory ID:	10-209-01					
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	6.4	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	68-129				
Client ID:	FB1-11.8-102615					
Laboratory ID:	10-209-03					
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	6.4	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	98	68-129				
Client ID:	FB1-17.2-102615					
Laboratory ID:	10-209-04					
Benzene	ND	0.024	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.12	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.12	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.12	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.12	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	12	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	106	68-129				

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB2-3.5-102615					
Laboratory ID:	10-209-05					
Benzene	ND	0.020	EPA 8021B	10-30-15	11-3-15	
Toluene	ND	0.060	EPA 8021B	10-30-15	11-3-15	
Ethyl Benzene	ND	0.060	EPA 8021B	10-30-15	11-3-15	
m,p-Xylene	ND	0.060	EPA 8021B	10-30-15	11-3-15	
o-Xylene	ND	0.060	EPA 8021B	10-30-15	11-3-15	
Gasoline	ND	6.0	NWTPH-Gx	10-30-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	68-129				
Client ID:	FB2-8.2-102615					
Laboratory ID:	10-209-06					
Benzene	ND	0.023	EPA 8021B	10-30-15	11-2-15	
Toluene	ND	0.11	EPA 8021B	10-30-15	11-2-15	
Ethyl Benzene	0.80	0.11	EPA 8021B	10-30-15	11-2-15	
m,p-Xylene	0.75	0.11	EPA 8021B	10-30-15	11-2-15	
o-Xylene	ND	0.55	EPA 8021B	10-30-15	11-2-15	U1
Gasoline	240	11	NWTPH-Gx	10-30-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-129				
Client ID:	FB2-12.2-102615					
Laboratory ID:	10-209-07					
Benzene	ND	0.022	EPA 8021B	10-30-15	11-2-15	
Toluene	ND	0.11	EPA 8021B	10-30-15	11-2-15	
Ethyl Benzene	0.29	0.11	EPA 8021B	10-30-15	11-2-15	
m,p-Xylene	0.38	0.11	EPA 8021B	10-30-15	11-2-15	
o-Xylene	ND	0.11	EPA 8021B	10-30-15	11-2-15	
Gasoline	60	11	NWTPH-Gx	10-30-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	90	68-129				

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NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB2-17.0-102615					
Laboratory ID:	10-209-08					
Benzene	ND	0.020	EPA 8021B	10-30-15	11-2-15	
Toluene	ND	0.14	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.14	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.14	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.14	EPA 8021B	10-30-15	10-30-15	
Gasoline	14	14	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	68-129				
Client ID:	FB2-19.0-102615					
Laboratory ID:	10-209-09					
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.064	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	6.4	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	68-129				
Client ID:	FB3-6.5-102615					
Laboratory ID:	10-209-12					
Benzene	0.16	0.027	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.13	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	0.73	0.13	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	0.59	0.13	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.65	EPA 8021B	10-30-15	10-30-15	U1
Gasoline	120	13	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	104	68-129				

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NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB3-12.0-102615					
Laboratory ID:	10-209-13					
Benzene	0.065	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	0.24	0.081	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.081	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	0.18	0.081	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.081	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	8.1	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	98	68-129				
Client ID:	FB3-19.8-102615					
Laboratory ID:	10-209-14					
Benzene	0.48	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	0.27	0.067	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.067	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	0.20	0.067	EPA 8021B	10-30-15	10-30-15	
o-Xylene	0.068	0.067	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	6.7	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	111	68-129				
Client ID:	FB4-6.5-102615					
Laboratory ID:	10-209-16					
Benzene	ND	0.020	EPA 8021B	10-30-15	11-2-15	
Toluene	ND	0.15	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.15	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	0.22	0.15	EPA 8021B	10-30-15	10-30-15	
o-Xylene	0.16	0.15	EPA 8021B	10-30-15	10-30-15	
Gasoline	25	15	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	102	68-129				

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NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB4-12.0-102615					
Laboratory ID:	10-209-17					
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.072	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.072	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.072	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.072	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	7.2	NWTPH-Gx	10-30-15	10-30-15	

Surrogate: Percent Recovery Control Limits
Fluorobenzene 106 68-129

Client ID:	FB4-19.7-102615					
Laboratory ID:	10-209-19					
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.063	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.063	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.063	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.063	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	6.3	NWTPH-Gx	10-30-15	10-30-15	

Surrogate: Percent Recovery Control Limits
Fluorobenzene 106 68-129

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**NWTPH-Gx/BTEX
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB1030S1						
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	5.0	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>95</i>	<i>68-129</i>				
Laboratory ID: MB1030S2						
Benzene	ND	0.020	EPA 8021B	10-30-15	10-30-15	
Toluene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
Ethyl Benzene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
m,p-Xylene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
o-Xylene	ND	0.050	EPA 8021B	10-30-15	10-30-15	
Gasoline	ND	5.0	NWTPH-Gx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>97</i>	<i>68-129</i>				

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**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-245-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
Fluorobenzene				108	106	68-129		
DUPLICATE								
Laboratory ID:	10-220-03							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
Fluorobenzene				104	104	68-129		
SPIKE BLANKS								
Laboratory ID:	SB1030S1							
	SB	SBD	SB	SBD	SB	SBD		
Benzene	1.00	0.970	1.00	1.00	100	97	76-124	3 17
Toluene	1.02	0.988	1.00	1.00	102	99	78-124	3 16
Ethyl Benzene	1.03	0.997	1.00	1.00	103	100	77-123	3 17
m,p-Xylene	1.03	1.00	1.00	1.00	103	100	78-124	3 17
o-Xylene	1.03	0.999	1.00	1.00	103	100	76-123	3 18
<i>Surrogate:</i>								
Fluorobenzene					97	94	68-129	

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NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB2-GW-102615					
Laboratory ID:	10-209-10					
Benzene	6.3	1.0	EPA 8021B	10-28-15	10-28-15	
Toluene	3.2	1.0	EPA 8021B	10-28-15	10-28-15	
Ethyl Benzene	20	1.0	EPA 8021B	10-28-15	10-28-15	
m,p-Xylene	9.5	1.0	EPA 8021B	10-28-15	10-28-15	
o-Xylene	1.3	1.0	EPA 8021B	10-28-15	10-28-15	
Gasoline	1100	100	NWTPH-Gx	10-28-15	10-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	71-111				

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**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1028W1					
Benzene	ND	1.0	EPA 8021B	10-28-15	10-28-15	
Toluene	ND	1.0	EPA 8021B	10-28-15	10-28-15	
Ethyl Benzene	ND	1.0	EPA 8021B	10-28-15	10-28-15	
m,p-Xylene	ND	1.0	EPA 8021B	10-28-15	10-28-15	
o-Xylene	ND	1.0	EPA 8021B	10-28-15	10-28-15	
Gasoline	ND	100	NWTPH-Gx	10-28-15	10-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	78	71-111				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-192-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				84	89	71-111		

SPIKE BLANKS

Laboratory ID:	SB1028W1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	49.6	51.2	50.0	50.0	99	102	83-119	3	13
Toluene	48.1	49.8	50.0	50.0	96	100	83-120	3	13
Ethyl Benzene	49.3	50.7	50.0	50.0	99	101	82-120	3	12
m,p-Xylene	47.1	48.6	50.0	50.0	94	97	80-122	3	13
o-Xylene	48.6	50.3	50.0	50.0	97	101	80-120	3	10
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					82	82	71-111		

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NWTPH-Dx

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB1-2.5-102615					
Laboratory ID:	10-209-01					
Diesel Range Organics	ND	28	NWTPH-Dx	11-2-15	11-2-15	
Lube Oil Range Organics	ND	57	NWTPH-Dx	11-2-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	83	50-150				
Client ID:	FB1-11.8-102615					
Laboratory ID:	10-209-03					
Diesel Range Organics	ND	30	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil	460	60	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	76	50-150				
Client ID:	FB1-17.2-102615					
Laboratory ID:	10-209-04					
Diesel Range Organics	ND	31	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	61	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	75	50-150				
Client ID:	FB2-3.5-102615					
Laboratory ID:	10-209-05					
Diesel Fuel #2	46	29	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	58	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	66	50-150				
Client ID:	FB2-8.2-102615					
Laboratory ID:	10-209-06					
Diesel Range Organics	ND	130	NWTPH-Dx	11-2-15	11-2-15	U1,M1
Lube Oil Range Organics	ND	56	NWTPH-Dx	11-2-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	79	50-150				
Client ID:	FB2-12.2-102615					
Laboratory ID:	10-209-07					
Diesel Range Organics	ND	27	NWTPH-Dx	11-2-15	11-2-15	
Lube Oil Range Organics	ND	54	NWTPH-Dx	11-2-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	66	50-150				

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NWTPH-Dx

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB2-17.0-102615					
Laboratory ID:	10-209-08					
Diesel Range Organics	ND	30	NWTPH-Dx	11-2-15	11-2-15	
Lube Oil Range Organics	ND	59	NWTPH-Dx	11-2-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	65	50-150				
Client ID:	FB2-19.0-102615					
Laboratory ID:	10-209-09					
Diesel Range Organics	ND	30	NWTPH-Dx	11-2-15	11-2-15	
Lube Oil Range Organics	ND	59	NWTPH-Dx	11-2-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	71	50-150				
Client ID:	FB3-6.5-102615					
Laboratory ID:	10-209-12					
Diesel Range Organics	ND	31	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	61	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	71	50-150				
Client ID:	FB3-12.0-102615					
Laboratory ID:	10-209-13					
Diesel Range Organics	ND	33	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	67	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	73	50-150				
Client ID:	FB3-19.8-102615					
Laboratory ID:	10-209-14					
Diesel Range Organics	ND	32	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	64	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	62	50-150				
Client ID:	FB4-6.5-102615					
Laboratory ID:	10-209-16					
Diesel Range Organics	ND	33	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	65	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	74	50-150				

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NWTPH-Dx

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB4-12.0-102615					
Laboratory ID:	10-209-17					
Diesel Range Organics	ND	33	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	67	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	72	50-150				
Client ID:	FB4-19.7-102615					
Laboratory ID:	10-209-19					
Diesel Range Organics	ND	30	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	60	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	73	50-150				

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**NWTPH-Dx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1102S1					
Diesel Range Organics	ND	25	NWTPH-Dx	11-2-15	11-2-15	
Lube Oil Range Organics	ND	50	NWTPH-Dx	11-2-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	109	50-150				
Laboratory ID:	MB1103S2					
Diesel Range Organics	ND	25	NWTPH-Dx	11-3-15	11-3-15	
Lube Oil Range Organics	ND	50	NWTPH-Dx	11-3-15	11-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	78	50-150				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-209-06							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	U1,M1
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				79	67	50-150		
Laboratory ID:	10-209-13							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				73	76	50-150		

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NWTPH-Dx

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB2-GW-102615					
Laboratory ID:	10-209-10					
Diesel Range Organics	ND	0.38	NWTPH-Dx	10-30-15	11-2-15	U1,M1
Lube Oil Range Organics	ND	0.48	NWTPH-Dx	10-30-15	11-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	72	50-150				

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**NWTPH-Dx
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1030W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	10-30-15	10-30-15	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>100</i>	<i>50-150</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-205-04							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	NA
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	NA
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				102	61	50-150		

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 Project: 1262-003

HALOGENATED VOLATILES EPA 8260C
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB5-3.3-102615					
Laboratory ID:	10-209-20					
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	10-30-15	10-30-15	
Chloromethane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroethane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Iodomethane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
Methylene Chloride	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Trichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB5-3.3-102615					
Laboratory ID:	10-209-20					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromoform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>119</i>	<i>60-146</i>				

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB5-19.5-102615					
Laboratory ID:	10-209-23					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	10-30-15	10-30-15	
Chloromethane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroethane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Iodomethane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
Methylene Chloride	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Trichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chloroethyl Vinyl Ether	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB5-19.5-102615					
Laboratory ID:	10-209-23					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromoform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>60-146</i>				

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB6-3.0-102615					
Laboratory ID:	10-209-24					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	10-30-15	10-30-15	
Chloromethane	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
Vinyl Chloride	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Bromomethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Chloroethane	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Iodomethane	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
Methylene Chloride	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Bromochloromethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Chloroform	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Trichloroethene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Dibromomethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Bromodichloromethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB6-3.0-102615					
Laboratory ID:	10-209-24					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Tetrachloroethene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Dibromochloromethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Chlorobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Bromoform	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Bromobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
2-Chlorotoluene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
4-Chlorotoluene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,2-Dichlorobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260C	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	76-131				
<i>Toluene-d8</i>	98	80-126				
<i>4-Bromofluorobenzene</i>	112	60-146				

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB6-9.0-102615					
Laboratory ID:	10-209-25					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	10-30-15	10-30-15	
Chloromethane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroethane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Iodomethane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
Methylene Chloride	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Trichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chloroethyl Vinyl Ether	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB6-9.0-102615					
Laboratory ID:	10-209-25					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromoform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>116</i>	<i>60-146</i>				

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 Laboratory Reference: 1510-209
 Project: 1262-003

HALOGENATED VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB6-19.5-102615					
Laboratory ID:	10-209-27					
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	10-30-15	10-30-15	
Chloromethane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroethane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Iodomethane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
Methylene Chloride	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chloroform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Trichloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromomethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

HALOGENATED VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB6-19.5-102615					
Laboratory ID:	10-209-27					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Chlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromoform	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Bromobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	76-131				
<i>Toluene-d8</i>	96	80-126				
<i>4-Bromofluorobenzene</i>	115	60-146				

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**HALOGENATED VOLATILES EPA 8260C
 METHOD BLANK QUALITY CONTROL**

Page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1030S1					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	10-30-15	10-30-15	
Chloromethane	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Bromomethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Chloroethane	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Iodomethane	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
Methylene Chloride	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Bromochloromethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Chloroform	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Trichloroethene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Dibromomethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**HALOGENATED VOLATILES EPA 8260C
 METHOD BLANK QUALITY CONTROL**

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1030S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Chlorobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Bromoform	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Bromobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-30-15	10-30-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-30-15	10-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>60-146</i>				

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**HALOGENATED VOLATILES EPA 8260C
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
SPIKE BLANKS										
Laboratory ID:	SB1030S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0494	0.0542	0.0500	0.0500	99	108	68-126	9	15	
Benzene	0.0466	0.0507	0.0500	0.0500	93	101	75-121	8	15	
Trichloroethene	0.0429	0.0466	0.0500	0.0500	86	93	83-116	8	15	
Toluene	0.0460	0.0511	0.0500	0.0500	92	102	80-115	11	15	
Chlorobenzene	0.0468	0.0496	0.0500	0.0500	94	99	76-120	6	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>80</i>	<i>87</i>	<i>76-131</i>			
<i>Toluene-d8</i>					<i>81</i>	<i>91</i>	<i>80-126</i>			
<i>4-Bromofluorobenzene</i>					<i>94</i>	<i>105</i>	<i>60-146</i>			

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**TOTAL LEAD
 EPA 6010C**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-209-01					
Client ID:	FB1-2.5-102615					
Lead	ND	5.7	6010C	10-28-15	10-28-15	
Lab ID:	10-209-05					
Client ID:	FB2-3.5-102615					
Lead	ND	5.8	6010C	10-28-15	10-28-15	
Lab ID:	10-209-11					
Client ID:	FB3-1.9-102615					
Lead	7.3	6.0	6010C	10-28-15	10-28-15	

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**TOTAL METALS
 EPA 6010C/7471B**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-209-15					
Client ID:	FB4-3.8-102615					
Arsenic	ND	13	6010C	10-28-15	10-28-15	
Barium	70	3.1	6010C	10-28-15	10-28-15	
Cadmium	ND	0.63	6010C	10-28-15	10-28-15	
Chromium	49	0.63	6010C	10-28-15	10-28-15	
Lead	ND	6.3	6010C	10-28-15	10-28-15	
Mercury	ND	0.31	7471B	11-3-15	11-3-15	
Selenium	ND	13	6010C	10-28-15	10-28-15	
Silver	ND	1.3	6010C	10-28-15	10-28-15	

Date of Report: November 4, 2015
Samples Submitted: October 27, 2015
Laboratory Reference: 1510-209
Project: 1262-003

**TOTAL METALS
EPA 6010C
METHOD BLANK QUALITY CONTROL**

Date Extracted: 10-28-15
Date Analyzed: 10-28-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1028SM1

Analyte	Method	Result	PQL
Arsenic	6010C	ND	10
Barium	6010C	ND	2.5
Cadmium	6010C	ND	0.50
Chromium	6010C	ND	0.50
Lead	6010C	ND	5.0
Selenium	6010C	ND	10
Silver	6010C	ND	1.0

Date of Report: November 4, 2015
Samples Submitted: October 27, 2015
Laboratory Reference: 1510-209
Project: 1262-003

**TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 11-3-15
Date Analyzed: 11-3-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1103S1

Analyte	Method	Result	PQL
Mercury	7471B	ND	0.25

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**TOTAL METALS
 EPA 6010C
 DUPLICATE QUALITY CONTROL**

Date Extracted: 10-28-15

Date Analyzed: 10-28-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-213-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Barium	23.5	27.1	14	2.5	
Cadmium	ND	ND	NA	0.50	
Chromium	58.1	60.0	3	0.50	
Lead	ND	ND	NA	5.0	
Selenium	ND	ND	NA	10	
Silver	ND	ND	NA	1.0	

Date of Report: November 4, 2015
Samples Submitted: October 27, 2015
Laboratory Reference: 1510-209
Project: 1262-003

**TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL**

Date Extracted: 11-3-15

Date Analyzed: 11-3-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-255-08

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.25	

Date of Report: November 4, 2015
 Samples Submitted: October 27, 2015
 Laboratory Reference: 1510-209
 Project: 1262-003

**TOTAL METALS
 EPA 6010C
 MS/MSD QUALITY CONTROL**

Date Extracted: 10-28-15

Date Analyzed: 10-28-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-213-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	101	101	95.4	95	5	
Barium	100	128	105	134	110	4	
Cadmium	50.0	49.3	99	47.0	94	5	
Chromium	100	165	107	160	102	3	
Lead	250	237	95	227	91	4	
Selenium	100	97.8	98	98.0	98	0	
Silver	25.0	23.0	92	22.0	88	4	

Date of Report: November 4, 2015
Samples Submitted: October 27, 2015
Laboratory Reference: 1510-209
Project: 1262-003

**TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL**

Date Extracted: 11-3-15

Date Analyzed: 11-3-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 10-255-08

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	0.500	100	0.504	101	1	

Date of Report: November 4, 2015
Samples Submitted: October 27, 2015
Laboratory Reference: 1510-209
Project: 1262-003

% MOISTURE

Date Analyzed: 10-30-15

Client ID	Lab ID	% Moisture
FB1-2.5-102615	10-209-01	12
FB1-11.8-102615	10-209-03	16
FB1-17.2-102615	10-209-04	18
FB2-3.5-102615	10-209-05	14
FB2-8.2-102615	10-209-06	11
FB2-12.2-102615	10-209-07	7
FB2-17.0-102615	10-209-08	16
FB2-19.0-102615	10-209-09	15
FB3-1.9-102615	10-209-11	17
FB3-6.5-102615	10-209-12	18
FB3-12.0-102615	10-209-13	25
FB3-19.8-102615	10-209-14	22
FB4-3.8-102615	10-209-15	20
FB4-6.5-102615	10-209-16	23
FB4-12.0-102615	10-209-17	25
FB4-19.7-102615	10-209-19	17
FB5-3.3-102615	10-209-20	6
FB5-19.5-102615	10-209-23	12
FB6-3.0-102615	10-209-24	6
FB6-9.0-102615	10-209-25	15
FB6-19.5-102615	10-209-27	9



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



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Analytical Laboratory Testing Services
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Chain of Custody

Turnaround Request (in working days)
(Check One)
 Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days) (TYP analysis 5 Days)
 (other) _____

Laboratory Number: **10-209**

Company: FARALLON

Project Number: 1262-003

Project Name: West Seattle 7-11

Project Manager: Joe Rounds

Sampled by: Andrew Taylor

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Laboratory Analysis																						
						NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture						
1	FBI-2.5-102615	10/26/15	9:14	Soil	2	(X)	(X)	(X)	(X)													(X)					(X)	
2	FBI-8.6-102615		9:25			(X)	(X)	(X)	(X)																			
3	FBI-11.8-102615		9:35			(X)	(X)	(X)	(X)																			
4	FBI-17.2-102615		9:45			(X)	(X)	(X)	(X)																			
5	FR2-3.5-102615		10:00			(X)	(X)	(X)	(X)																			
6	FR2-8.2-102615		10:10			(X)	(X)	(X)	(X)																			
7	FR2-12.2-102615		10:15			(X)	(X)	(X)	(X)																			
8	FR2-17.0-102615		10:28			(X)	(X)	(X)	(X)																			
9	FR2-19.0-102615		10:30			(X)	(X)	(X)	(X)																			
10	FR2-22.0-102615		13:10	H2O	13	(X)	(X)	(X)	(X)																			

Received	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	<i>[Signature]</i>	FARALLON	10/26/15	17:50	
Received	<i>[Signature]</i>	Speedy	10-27-15	09:22	
Relinquished	<i>[Signature]</i>	"	"	11:06	
Received	<i>[Signature]</i>	ORE	10/27/15	11:06	
Relinquished					
Received					
Reviewed/Date					



MVA Onsite Environmental Inc.
 Analytical Laboratory Testing Services
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Laboratory Number: **10-209**

Turnaround Request (in working days)
 (Check One)
 Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days) (TPH analysis 5 Days)
 (other) _____

Company: **FARALLON**
 Project Number: **1262-003**
 Project Name: **WEST SEATTLE 7-11**
 Project Manager: **JOE RONDS**
 Sampled by: **ANDREW TAYLOR**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Analysis Parameters	Notes
11	FR33 - 1.9 - 102615	10/24/15	11:16	SOIL	2	NWTPH-HCID NWTPH-Gx/BTEX NWTPH-Gx NWTPH-Dx Volatiles 8260C Halogenated Volatiles 8260C Semivolatiles 8270D/SIM (with low-level PAHs) PAHs 8270D/SIM (low-level) PCBs 8082A Organochlorine Pesticides 8081B Organophosphorus Pesticides 8270D/SIM Chlorinated Acid Herbicides 8151A Total RCRA Metals Total MTCA Metals TCLP Metals HEM (oil and grease) 1664A	<input checked="" type="checkbox"/> TOTAL LEAD
12	FR33 - 6.5 - 102615		11:25			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13	FR33 - 12.0 - 102615		11:35			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	FR33 - 19.8 - 102615		11:45			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15	FR34 - 3.8 - 102615		12:05			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16	FR34 - 6.5 - 102615		12:15			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17	FR34 - 12.0 - 102615		12:30			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	FR34 - 16.0 - 102615		12:40			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	FR34 - 19.7 - 102615		12:45			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	FR35 - 3.3 - 102615		13:35			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Signature	Company	Date	Time	Comments/Special Instructions
	FARALLON	10/26/15	17:50	PH WILL CALL w/ SAMPLES TO RUN
	Speedy	10-27-15	0922	
	"	"	1109	
	OSRE	10/27/15	1109	
				Chromatograms with final report <input type="checkbox"/>



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Lab ID Sample Identification Date Sampled Time Sampled Matrix

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers																		
21	FR35 - 8.7 - 102615	10/26/15	13:50	Soil	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture		
22	FR35 - 14.0 - 102615		14:05																				
23	FR35 - 19.5 - 102615		14:15																				
24	FR6 - 3.0 - 102615		14:35																				
25	FR6 - 9.0 - 102615		14:40																				
26	FR6 - 13.3 - 102615		14:45																				
27	FR6 - 19.5 - 102615		14:50																				

Signature: *[Handwritten Signature]* Company: **FARALLON** Date: **10/26/15** Time: **17:50**
 Signature: *[Handwritten Signature]* Company: **Speedy** Date: **10-27-15** Time: **0922**
 Signature: *[Handwritten Signature]* Company: **COBE** Date: **10/27/15** Time: **1106**

Relinquished
 Received
 Relinquished
 Received
 Relinquished
 Received
 Reviewed/Date

Reviewed/Date

Chromatograms with final report

Comments/Special Instructions
 PH WILL CALL W/ SAMPLES TO
 RON