

May 1, 2015

Ms. Maureen Sanchez, Site Manager
Washington State Department of Ecology, Voluntary Cleanup Program
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, Washington 98008

BY E-MAIL AND MAIL

**RE: LIMITED SUBSURFACE INVESTIGATION—SUMMARY OF RESULTS
ENDOLYNE GARDEN APARTMENTS
9212 45th AVENUE SOUTHWEST, SEATTLE, WASHINGTON
FARALLON PN: 1295-001**

Dear Ms. Sanchez:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter on behalf of Endolyne Apartments, LLC (Endolyne) to request an opinion from the Washington State Department of Ecology (Ecology) regarding the results from a limited subsurface investigation conducted at 9212 45th Avenue Southwest in Seattle, Washington (herein referred to as the Property) and proposed follow-up work (Figure 1).

The purpose of the limited subsurface investigation was to address Ecology concerns regarding potential releases resulting from former operations at the Property that included petroleum underground storage tanks (USTs). The limited subsurface investigation involved collection of shallow soil and groundwater data at the Property to evaluate whether a threat to human health or the environment exists, and to support a request for a No Further Action (NFA) determination under the Ecology Voluntary Cleanup Program (VCP).

This letter provides a summary of the data collected during the limited subsurface investigation conducted on January 26 and 27, 2015. Petroleum constituents were detected at concentrations exceeding Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup levels in one soil sample and in two reconnaissance groundwater samples collected adjacent to the approximate location of a gasoline UST formerly on the Property. This letter also summarizes proposed follow-up work consisting of additional subsurface investigation at the Property and adjacent 45th Avenue Southwest right-of-way.

A gas station and automotive repair shop reportedly operated on the 0.22-acre Property from prior to 1940 until 1989, when the Property was redeveloped with a 14-unit apartment complex with resident parking and a restaurant on the ground floor. Redevelopment included decommissioning of six USTs that reportedly were used to store oil and gasoline. The scope of the limited subsurface investigation was designed to meet the requirements of MTCA and was developed based on conversations with Ecology and Endolyne, and the following documents:



- Letter regarding Removal of Underground Storage Tanks, 14-Unit Apartment Building, 9212 45th Avenue S.W., Permit No. 645073, Seattle, Washington dated September 5, 1989 from Mr. Marc McGinnis, Geotech Consultants, to Ms. Faith Lumsden, City of Seattle Department of Construction and Land Use;
- Letter regarding Closure Report, Underground Storage Tanks, 14-Unit Apartment Building, 9212 45th Avenue, Seattle, Washington dated December 5, 1989 from Mr. Marc McGinnis and Mr. Don Spencer, Geotech Consultants, to Fauntleroy Associates;
- *Phase I Environmental Site Assessment, Endolyne Garden, 9212 and 9214 45th Avenue Southwest, King County Parcel No. 234670-0000, Seattle, King County, Washington* dated December 9, 2013, prepared by Terracon Consultants, Inc. for Intervest;
- Letter regarding Opinion Pursuant to WAC [Washington Administrative Code] 173-340-515(5) on Proposed Remedial Action for the Following Hazardous Waste Site, Name: 45th Avenue SW Apartments, Address: 9212 45th Avenue SW, Seattle, WA, Facility/Site No.: 71883959, VCP No.: NW2809, Cleanup Site ID No.: 10264 dated March 11, 2014 from Ms. Maureen Sanchez, Ecology Toxics Cleanup Program, to Mr. Kurt Fisher, Endolyne;
- Letter regarding Scope of Work, Limited Soil Investigation, Endolyne Garden Apartments, 9212 45th Avenue Southwest, Seattle, Washington, dated June 21, 2014 from Farallon to Ms. Maureen Sanchez, Ecology VCP; and
- Letter regarding Opinion Pursuant to WAC 173-340-515(5) on Proposed Remedial Action for the Following Hazardous Waste Site, Name: 45th Avenue SW Apartments, Address: 9212 45th Avenue SW, Seattle, WA, Facility/Site No.: 71883959, VCP No.: NW2809, Cleanup Site ID No.: 10264 dated October 10, 2014 from Ms. Maureen Sanchez, Ecology Toxics Cleanup Program, to Mr. Steve Lazoff, Endolyne.

Ecology site identification numbers are provided below for reference:

Facility/Site: 71883959
Cleanup Site: 10264
VCP: NW2809

SUMMARY OF RESULTS

The limited subsurface investigation conducted on January 26 and 27, 2015 entailed advancing nine borings using a limited-access push-probe drill rig for collection of soil and reconnaissance groundwater samples. A hand-auger was used to advance two additional borings for collection of soil samples in locations that the drill rig could not access. Nine of the sampling locations were selected because of their proximity to the locations of the former USTs. The two sampling locations on the northern portion of the Property were selected to enable collection of soil samples representative of the inferred approximate former ravine ground surface before the ravine was filled. The former USTs are summarized below and are shown on Figure 1.



Former Underground Storage Tanks				
ID	Previous Contents	Date of Removal	Estimated Capacity (gallons)	Estimated Bottom Depth (feet)
1	Oil	7/17/1989	150	6
2	Oil	7/17/1989	330	6
3	Gasoline	7/19/1989	5,000	12
4	Gasoline	7/19/1989	5,000	12
5	Gasoline	8/18/1989	1,000	8
6	Gasoline	8/18/1989	1,000	8

Soil encountered during the drilling program was generally silt or silty sand. Groundwater was encountered at a depth of approximately 6 feet below ground surface (bgs) in the area around former USTs 1 and 2, and between approximately 9 and 12 feet bgs around former USTs 3 and 4. Petroleum odors were noted at only one location: boring B3 at depths of between approximately 9.6 and 12.6 feet bgs, the approximate depth to groundwater at this location. Boring logs are provided in Attachment A.

SOIL ANALYTICAL TESTING

Twenty soil samples were collected from the 11 sampling locations at depths of between 2.5 and 15.5 feet bgs and were analyzed for a range of constituents that could be present as a result of the USTs formerly present at the Property or operations formerly conducted at the Property, as follows:

- Total petroleum hydrocarbons (TPH) as diesel-range organics (DRO) using Northwest Method NWTPH-Dx;
- TPH as oil-range organics (ORO) using Northwest Method NWTPH-Dx;
- TPH as gasoline-range organics (GRO) and benzene, toluene, ethylbenzene, and xylenes (BTEX) using Northwest Method NWTPH-Gx/U.S. Environmental Protection Agency (EPA) Method 8021B;
- Fuel additives methyl tertiary-butyl ether (MTBE), 1,2-dibromomethane (EDB), and 1,2-dichloroethane (EDC); naphthalene; and total lead using EPA Methods 8260C; 8270/SIM; and 6020A/200.8, respectively;
- Polycyclic aromatic hydrocarbons (cPAHs) using EPA Method 8270/SIM;
- Polychlorinated biphenyls (PCBs) using EPA Method 8082A; and
- Halogenated volatile organic compounds (HVOCs) using EPA Method 8260C.

GRO was detected at a concentration exceeding the MTCA Method A cleanup level of 30 milligrams per kilogram (mg/kg) when benzene is present, in the soil sample collected from boring B3, proximate to former UST 3, at a depth of 11.5 feet bgs. GRO was not detected in the soil sample collected from boring B3 at a depth of approximately 15.5 feet bgs. None of the



other constituents analyzed for were detected at a concentration exceeding MTCA Method A cleanup levels in any of the other 19 soil samples collected from the 11 locations. Laboratory analytical reports are provided in Attachment B. Analytical results for soil samples are shown on Figure 2, and are summarized in Tables 1 through 6.

Constituents detected in soil samples at concentrations less than MTCA Method A cleanup levels are summarized below:

- Ethylbenzene and total xylenes were detected at concentrations of 0.12 and 0.13 mg/kg, respectively, in the soil sample collected from boring B3, proximate to former UST 3, at a depth of 11.5 feet bgs;
- ORO was detected at a concentration of 310 mg/kg in the soil sample collected from boring B11, in the northern portion of the Property at a depth of 11 feet bgs, the inferred depth of the former ravine ground surface in this area;
- Total lead was detected at a concentration of 6.4 mg/kg in the soil sample collected from boring B7, proximate to former UST 4, at a depth of 8 feet bgs;
- Tetrachloroethene was detected at a concentration of 0.0030 mg/kg, slightly exceeding the reporting limit, in the soil sample collected from boring B2, proximate to former UST 2, at a depth of 6 feet bgs.

RECONNAISSANCE GROUNDWATER ANALYTICAL TESTING

Four reconnaissance groundwater samples were collected from the shallowest groundwater encountered between depths of approximately 6 and 12 feet bgs in the area around USTs 1 through 4 and were tested for a range of constituents that could be present as a result of the USTs formerly present at the Property or operations formerly conducted at the Property, as follows:

- DRO using Northwest Method NWTPH-Dx;
- ORO using Northwest Method NWTPH-Dx;
- GRO and BTEX using Northwest Method NWTPH-Gx/EPA Method 8021B;
- Fuel additives MTBE, EDB, and EDC; naphthalene; and total and dissolved lead using EPA Methods 8260C; 8270/SIM; and 6020A/200.8, respectively;
- cPAHs using EPA Method 8270/SIM;
- PCBs using EPA Method 8082A; and
- HVOCs using EPA Method 8260C.

GRO was detected at concentrations of 15,000 and 1,900 micrograms per liter ($\mu\text{g/l}$) in reconnaissance groundwater samples collected from borings B3 and B4, respectively, which exceed the MTCA Method A cleanup level of 800 $\mu\text{g/l}$. Benzene was detected at concentrations of 18 and 5.9 $\mu\text{g/l}$ in reconnaissance groundwater samples collected from borings B3 and B4, respectively, which exceed the MTCA Method A cleanup level of 5 $\mu\text{g/l}$. Total lead was detected at a concentration of 1,300 $\mu\text{g/l}$ in the reconnaissance groundwater sample collected



from boring B4, proximate to former UST 4, which exceeds the MTCA Method A cleanup level of 15 µg/l. There was insufficient reconnaissance groundwater sample collected from boring B4 to analyze for dissolved lead to enable evaluation of whether the measured total lead concentration was attributable to dissolved lead or to suspended soil in the sample. Laboratory analytical reports are provided in Attachment B. Analytical results for the reconnaissance groundwater samples are summarized in Tables 7 through 12, and are shown on Figure 3.

Constituents detected in reconnaissance groundwater samples at concentrations less than MTCA Method A cleanup levels are summarized below:

- Toluene, ethylbenzene, and total xylenes were detected in the reconnaissance groundwater samples collected from borings B3 and B4, proximate to former UST 3;
- GRO and all BTEX constituents were detected in the reconnaissance groundwater samples collected from boring B2, proximate to former UST 2, and from boring B6, proximate to former UST 3;
- Total lead was detected in the reconnaissance groundwater sample collected from boring B2, proximate to former UST 2; dissolved lead was non-detect; and
- Naphthalene was detected in the reconnaissance groundwater sample collected from boring B2, proximate to former UST 2.

SUMMARY OF PROPOSED ADDITIONAL WORK

Petroleum constituents were detected at concentrations exceeding MTCA Method A cleanup levels in one soil sample and in two reconnaissance groundwater samples collected adjacent to former UST 3. Endolyne proposes to conduct additional subsurface investigation to further characterize the nature and extent of constituents detected in soil and groundwater at the Property. Results of this additional subsurface investigation will be presented in a supplement to this letter, including recommendations for further work.

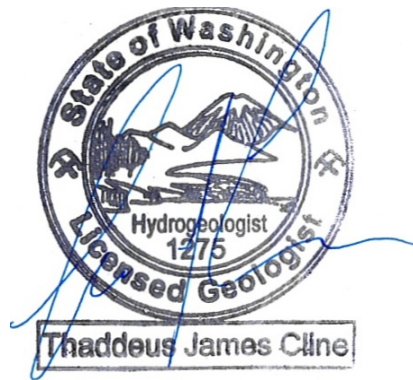
Proposed work includes advancing up to four additional soil borings on the Property in the vicinity of UST 3 and collecting soil and reconnaissance groundwater samples for analysis for GRO and BTEX to refine the estimated extent of residual petroleum in soil and groundwater in this area. Proposed work also includes installation of three approximately 15-foot-deep, 2-inch-diameter polyvinyl chloride (PVC) monitoring wells screened in the shallowest water-bearing strata to further refine the estimated extent of impacted groundwater and to evaluate the hydraulic gradient direction and magnitude of the shallowest water-bearing stratum. One monitoring well will be located proximate to former UST 3 in the parking strip of the 45th Avenue Southwest right-of-way. The second monitoring well will be located proximate to former UST 1 and UST 2 near the western side of the Property. The third monitoring well will be located on the northern portion of the Property. The monitoring wells will be developed and sampled for GRO, BTEX, and dissolved and total lead. The monitoring wells will be surveyed to a common datum, and groundwater level elevations will be measured to enable evaluation of groundwater flow gradient direction and magnitude.



Please contact either of the undersigned at (425) 295-0800 if you have questions or comments regarding this scope of work.

Sincerely,

Farallon Consulting, L.L.C.



Thaddeus Cline, P.E., L.G., L.H.G.
Principal Civil Engineer/Hydrogeologist

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

- Attachments: Figure 1, *Property Plan*
Figure 2, *Petroleum Concentrations in Soil*
Figure 3, *Petroleum Concentrations in Groundwater*
Table 1, *Laboratory Analytical Results for Soil Samples – TPH and BTEX*
Table 2, *Laboratory Analytical Results for Soil Samples – EDB, EDC, MTBE, and Naphthalene*
Table 3, *Laboratory Analytical Results for Soil Samples – Lead*
Table 4, *Laboratory Analytical Results for Soil Samples – cPAHs*
Table 5, *Laboratory Analytical Results for Soil Samples – PCBs*
Table 6, *Laboratory Analytical Results for Soil Samples – HVOCs*
Table 7, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – TPH and BTEX*
Table 8, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – EDB, EDC, MTBE, and Naphthalene*
Table 9, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – Lead*
Table 10, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – cPAHs*
Table 11, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – PCBs*
Table 12, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – HVOCs*
Attachment A, *Boring Logs*
Attachment B, *Laboratory Analytical Reports*

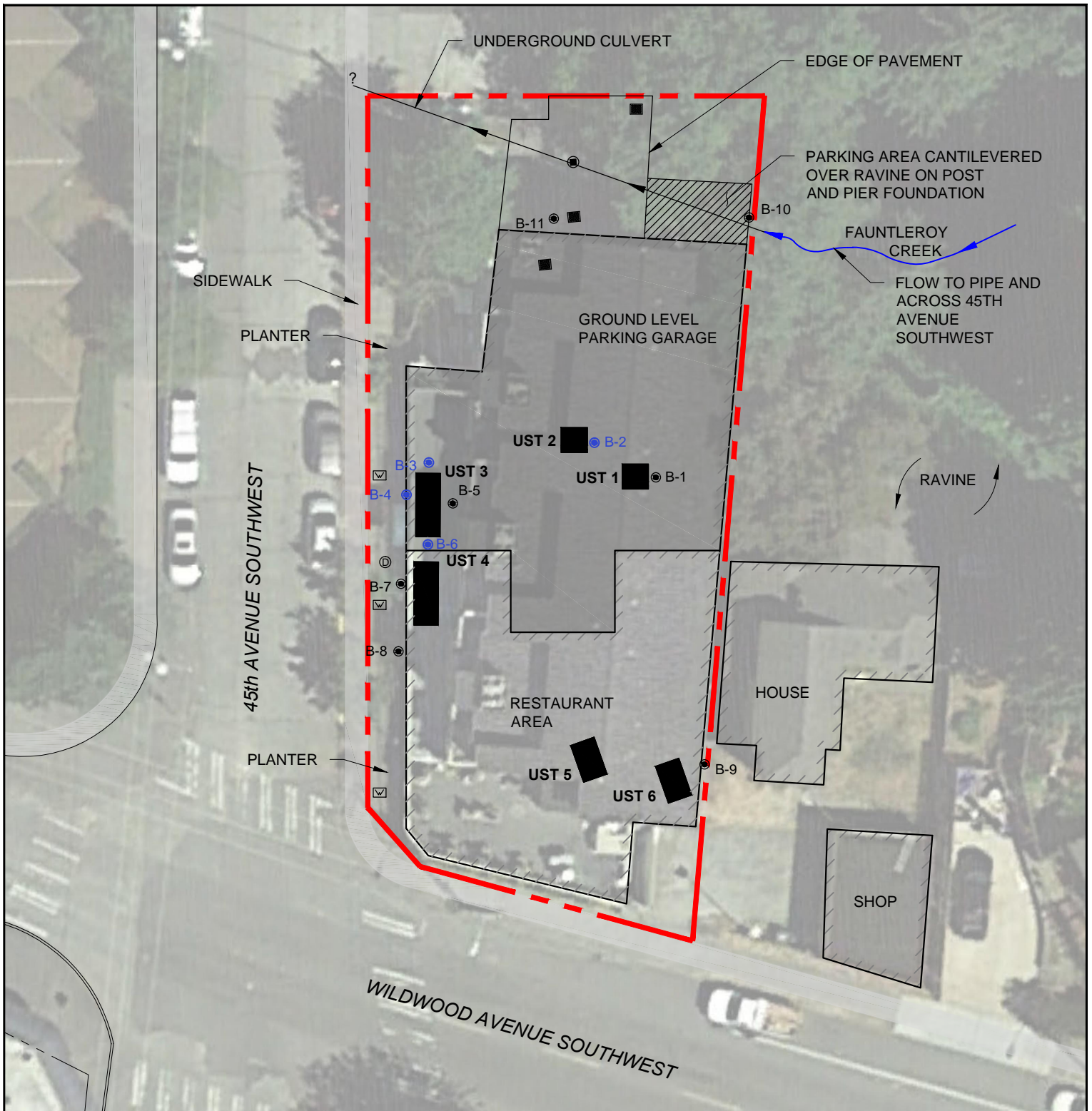
TC/CTS:bjj

FIGURES

LIMITED SUBSURFACE INVESTIGATION SUMMARY OF RESULTS

**Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington**

Farallon PN: 1295-001



LEGEND

- B-3 ● BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- B-1 ● BORING LOCATION
- CATCH BASIN
- MANHOLE
- ☑ WATER METER
- ⓪ DRAIN

- PROPERTY BOUNDARY
- ▨ BUILDING FOOTPRINT

- FORMER UNDERGROUND STORAGE TANK
- ▨ PARKING GARAGE

ALL LOCATIONS ARE APPROXIMATE



FARALLON CONSULTING
Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Bend

California
Oakland | Sacramento | Irvine

FIGURE 1
PROPERTY PLAN
ENDOLYNE GARDEN APARTMENTS
9212 45TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON

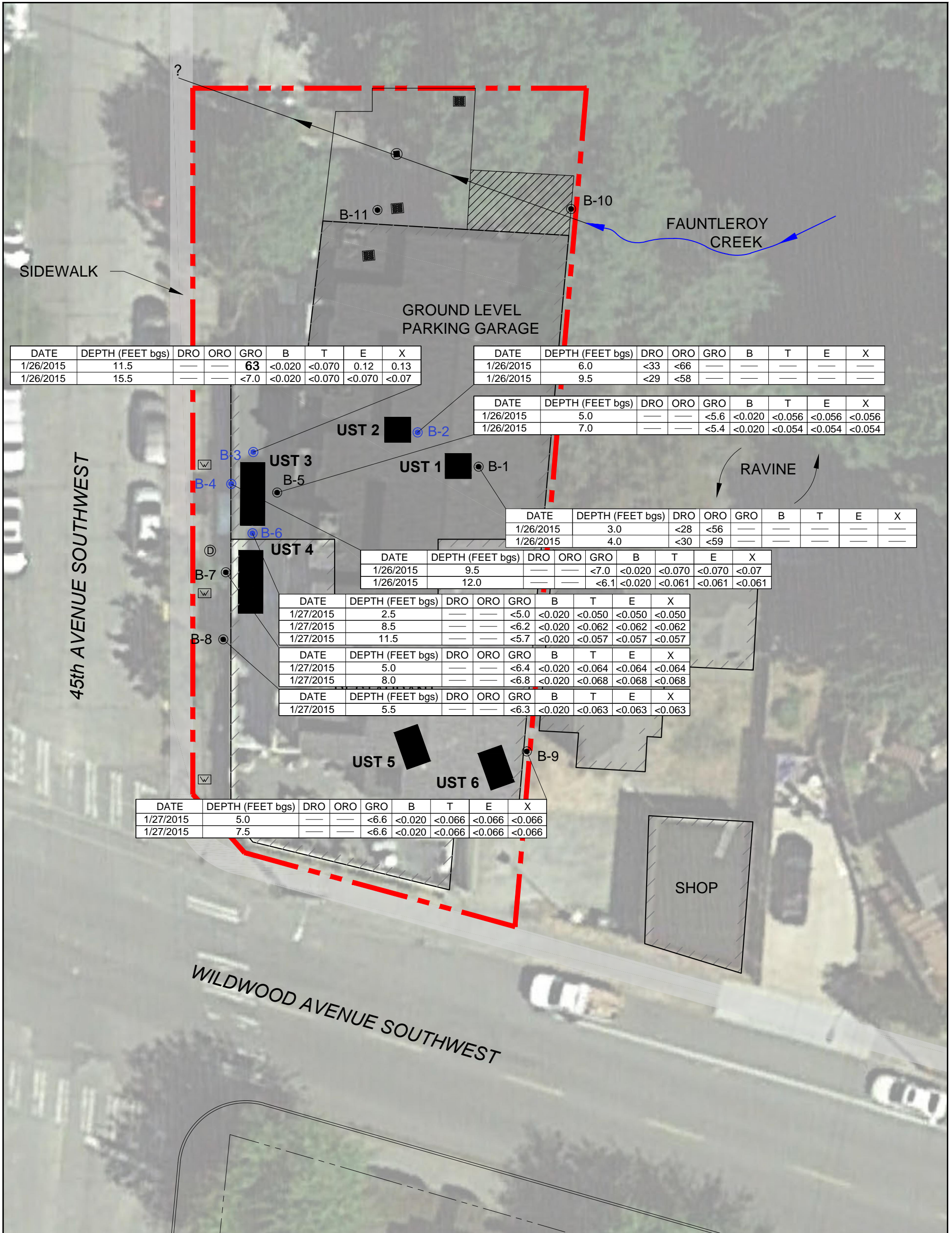
FARALLON PN: 1295-001

Drawn By: DJR

Checked By: DEW

Date: 4/22/2015

Disk Reference: 1295-001_00



LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- BORING LOCATION
- CATCH BASIN
- MANHOLE
- WATER METER
- FORMER UNDERGROUND STORAGE TANK
- D DRAIN
- UNDERGROUND PARKING AREA

ALL SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS

ORO = TPH AS OIL-RANGE ORGANICS

GRO = TPH AS GASOLINE-RANGE ORGANICS

B = BENZENE

T = TOLUENE

E = ETHYLBENZENE

X = XYLENES

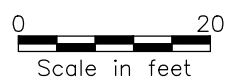
bgs = BELOW GROUND SURFACE

< = DENOTES RESULT IS LESS THAN LABORATORY PRACTICAL QUANTITATION OR ANALYTE NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.

--- = NOT ANALYZED

BOLD = INDICATES CONCENTRATION EXCEEDS MODEL TOXICS CONTROL ACT METHOD A CLEANUP LEVEL

ALL LOCATIONS ARE APPROXIMATE



FARALLON CONSULTING
Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Bend

California
Oakland | Sacramento | Irvine

FIGURE 2

PETROLEUM CONCENTRATIONS IN SOIL
ENDOLYNE GARDEN APARTMENTS
9212 45TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON

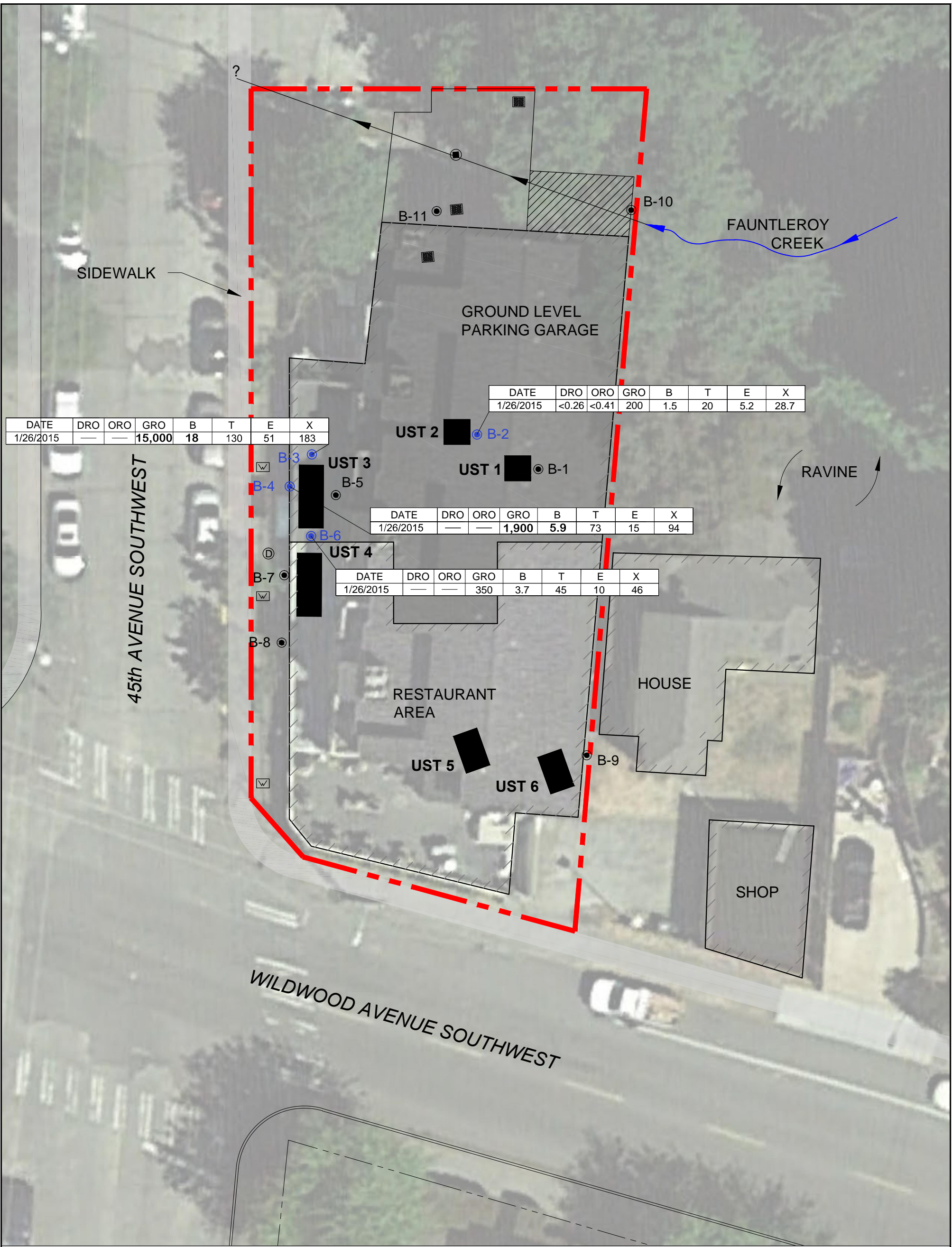
FARALLON PN: 1295-001

Drawn By: DJR

Checked By: DEW

Date: 4/15/2015

Disk Reference: 1295001



DATE	DRO	ORO	GRO	B	T	E	X
1/26/2015	---	---	15,000	18	130	51	183

DATE	DRO	ORO	GRO	B	T	E	X
1/26/2015	<0.26	<0.41	200	1.5	20	5.2	28.7

DATE	DRO	ORO	GRO	B	T	E	X
1/26/2015	---	---	1,900	5.9	73	15	94

DATE	DRO	ORO	GRO	B	T	E	X
1/26/2015	---	---	350	3.7	45	10	46

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- B-3 BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- B-1 BORING LOCATION
- CATCH BASIN
- MANHOLE
- WATER METER
- FORMER UNDERGROUND STORAGE TANK
- UNDERGROUND PARKING AREA
- DRAIN

LEGEND

ALL GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER

DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS

ORO = TPH AS OIL-RANGE ORGANICS

GRO = TPH AS GASOLINE-RANGE ORGANICS

B = BENZENE

T = TOLUENE

E = ETHYLBENZENE

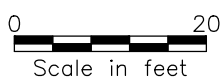
X = XYLENES

< = DENOTES RESULT IS LESS THAN LABORATORY PRACTICAL QUANTITATION OR ANALYTE NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.

--- = NOT ANALYZED

BOLD = INDICATES CONCENTRATION EXCEEDS MODEL TOXICS CONTROL ACT METHOD A CLEANUP LEVEL

ALL LOCATIONS ARE APPROXIMATE



FARALLON CONSULTING
Quality Service for Environmental Solutions | farallonconsulting.com

Washington: Issaquah | Bellingham | Seattle
Oregon: Portland | Bend
California: Oakland | Sacramento | Irvine

FIGURE 3

PETROLEUM CONCENTRATIONS IN GROUNDWATER
ENDOLYNE GARDEN APARTMENTS
9212 45TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON

FARALLON PN: 1295-001
Date: 4/15/2015 Disk Reference: 1295001

TABLES

LIMITED SUBSURFACE INVESTIGATION SUMMARY OF RESULTS

**Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington**

Farallon PN: 1295-001

Table 1
Laboratory Analytical Results for Soil Samples - TPH and BTEX
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram)						
				DRO ²	ORO ²	GRO ³	Benzene ⁴	Toluene ⁴	Ethylbenzene ⁴	Total Xylenes ^{4,7}
B1	B1-3.0	3.0	01/26/2015	< 28	< 56	—	—	—	—	—
	B1-4.0	4.0	01/26/2015	< 30	< 59	—	—	—	—	—
B2	B2-6.0	6.0	01/26/2015	< 33	< 66	—	—	—	—	—
	B2-9.5	9.5	01/26/2015	< 29	< 58	—	—	—	—	—
B3	B3-11.5	11.5	01/26/2015	—	—	63	< 0.020	< 0.070	0.12	0.13
	B3-15.5	15.5	01/26/2015	—	—	< 7.0	< 0.020	< 0.070	< 0.070	< 0.07
B4	B4-9.5	9.5	01/26/2015	—	—	< 7.0	< 0.020	< 0.070	< 0.070	< 0.07
	B4-12.0	12.0	01/26/2015	—	—	< 6.1	< 0.020	< 0.061	< 0.061	< 0.061
B5	B5-5.0	5.0	01/26/2015	—	—	< 5.6	< 0.020	< 0.056	< 0.056	< 0.056
	B5-7.0	7.0	01/26/2015	—	—	< 5.4	< 0.020	< 0.054	< 0.054	< 0.054
B6	B6-2.5	2.5	01/27/2015	—	—	< 5.0	< 0.020	< 0.050	< 0.050	< 0.050
	B6-8.5	8.5	01/27/2015	—	—	< 6.2	< 0.020	< 0.062	< 0.062	< 0.062
	B6-11.5	11.5	01/27/2015	—	—	< 5.7	< 0.020	< 0.057	< 0.057	< 0.057
B7	B7-5.0	5.0	01/27/2015	—	—	< 6.4	< 0.020	< 0.064	< 0.064	< 0.064
	B7-8.0	8.0	01/27/2015	—	—	< 6.8	< 0.020	< 0.068	< 0.068	< 0.068
B8	B8-5.5	5.5	01/27/2015	—	—	< 6.3	< 0.020	< 0.063	< 0.063	< 0.063
B9	B9-5.0	5.0	01/27/2015	—	—	< 6.6	< 0.020	< 0.066	< 0.066	< 0.066
	B9-7.5	7.5	01/27/2015	—	—	< 6.6	< 0.020	< 0.066	< 0.066	< 0.066
B10	B10-1.5	1.5	01/26/2015	< 30	< 60	—	—	—	—	—
B11	B11-11.0	11.0	01/26/2015	< 30	310	< 6.0	< 0.020	< 0.060	< 0.060	< 0.060
MTCA Method A Cleanup Levels for Soil⁵				2,000	2,000	30⁶	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 NWTTPH-Dx.

³Analyzed by Northwest Method NWTTPH-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

⁶The MTCA Method A cleanup level for GRO in soil is 100 milligrams per kilogram for gasoline mixtures without benzene, and the total of ethylbenzene, toluene, and xylenes are less than one percent of the gasoline mixture. For all other mixtures, the MTCA Method A cleanup level for GRO in soil is 30 milligrams per kilogram.

⁷Ortho-xylene and meta/para-xylene summed for total xylenes as follows: if both detected concentrations, they are summed; if one detected and one non-detected concentration, the detected concentration reported

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
Laboratory Analytical Results for Soil Samples - EDB, EDC, MTBE, and Naphthalene
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram)			
				1,2-Dibromoethane (EDB) ²	1,2-Dichloroethane (EDC) ²	Methyl tertiary butyl ether (MTBE) ²	Naphthalene ³
B1	B1-4.0	4.0	01/26/2015	< 0.0011	< 0.0011	—	< 0.0079
B2	B2-6.0	6.0	01/26/2015	< 0.0013	< 0.0013	—	< 0.0087
B3	B3-11.5	11.5	01/26/2015	< 0.0031	< 0.0031	< 0.0031	—
B7	B7-8.0	8.0	01/27/2015	< 0.0013	< 0.0013	< 0.0013	—
B9	B9-7.5	7.5	01/27/2015	< 0.0010	< 0.0010	< 0.0010	—
MTCA Method A Cleanup Levels for Soil⁴				0.005	11⁵	0.1	5

NOTES:

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

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

— denotes sample not analyzed.

¹Depth in feet below ground surface.

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

³Analyzed by U.S. Environmental Protection Agency Method 8270D/SIM.

⁴Washington State Model Toxics Control Act Cleanup Regulation (MTCRA) 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.

⁵Washington State Department of Ecology Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Version 3.1 Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only), <https://fortress.wa.gov/ecy/clarc/CLARCDatatables.aspx>

Table 3
Laboratory Analytical Results for Soil Samples - Lead
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²
				Total Lead
B3	B3-11.5	11.5	01/26/2015	< 6.2
B7	B7-8.0	8	01/27/2015	6.4
B9	B9-7.5	7.5	01/27/2015	< 6.0
MTCA Method A Cleanup Levels for Soil³				250

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 6010C.

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.

Table 4
Laboratory Analytical Results for Soil Samples - cPAHs
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²							
				Benzo(a) Anthracene	Benzo(a) Pyrene	Benzo(b) Fluoranthene	Benzo(j,k) Fluoranthene	Chrysene	Dibenzo(a,h) Anthracene	Indeno(1,2,3-cd) Pyrene	Total cPAHs ^{3,4}
B1	B1-4.0	4.0	01/26/2015	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	0.006
B2	B2-6.0	6.0	01/26/2015	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	0.007
Cleanups Level for Soil				1.37⁵	0.1⁶	1.37⁵	13.7⁵	13.7⁵	0.137⁵	1.37⁵	0.1⁶

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 8270D/SIM (low-level)

³Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

⁴For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate total carcinogenic polycyclic aromatic hydrocarbons.

⁵Washington State Department of Ecology Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Version 3.1 Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only), <https://fortress.wa.gov/ecy/clarc/CLARCDATA/Tables.aspx>

⁶Washington 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.

cPAH = carcinogenic polycyclic aromatic hydrocarbon

Table 5
Laboratory Analytical Results for Soil Samples - PCBs
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Identification	Sample Location	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ²							
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs ³
B1	B1-4.0	4.0	01/27/15	< 0.059	< 0.060	< 0.061	< 0.062	< 0.063	< 0.064	< 0.059	0.25
B2	B2-6.0	6.0	01/24/15	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	0.23
MTCA Method A Cleanup Levels for Soil⁴				14.3⁵	NA	NA	NA	NA	0.5⁵	0.5⁵	1

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 8082A.

³For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the total polychlorinated biphenyls.

⁴Washington 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.

⁵Washington State Department of Ecology Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Version 3.1 Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only), <https://fortress.wa.gov/ecy/clarc/CLARCDatatables.aspx>

NA = not available

PCBs = polychlorinated biphenyls

Table 6
Laboratory Analytical Results for Soil Samples- HVOCs
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Date	Analytical Results (milligrams per kilogram) ^{2,5}				
				Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
B1	B1-4.0	4.0	01/26/2015	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
B2	B2-6.0	6.0	01/26/2015	0.0030	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Cleanup Levels for Soil				0.05³	0.03³	160⁴	1,600⁴	240⁴

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 8260C.

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 Department of Ecology Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation, Version 3.1 Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only), <https://fortress.wa.gov/ecy/clarc/CLARCDatatables.aspx>

⁵Other HVOC constituents tested. See laboratory reports for these results.

HVOCs = halogenated volatile organic compounds

Table 7
Laboratory Analytical Results for Reconnaissance Groundwater Samples - TPH and BTEX
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)						
			DRO ¹	ORO ¹	GRO ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ^{3,6}
B2	01/26/2015	B2-012615-GW	< 0.26	< 0.41	200	1.5	20	5.2	28.7
B3	01/26/2015	B3-012615-GW	—	—	15,000	18	130	51	183
B4	01/26/2015	B4-012615-GW	—	—	1,900	5.9	73	15	94
B6	01/27/2015	B6-012715-GW	—	—	350	3.7	45	10	46
MTCA Method A Cleanup Level for Groundwater⁴			0.5	0.5	800⁵	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 sample not analyzed.

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 Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

⁵For detectable benzene in groundwater. If benzene is not detected in groundwater, the MTCA Method A cleanup level for GRO in groundwater is 1,000 micrograms per liter.

⁶Ortho-xylene and meta/para-xylene summed for total xylenes as follows: if both detected concentrations, they are summed; if one detected and one non-detected concentration, the detected concentration reported and indicated as a detect.

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 8
Laboratory Analytical Results for Groundwater Samples - EDB, EDC, MTBE, and Naphthalene
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)			
			1,2-Dibromoethane (EDB) ¹	1,2-Dichloroethane (EDC) ²	Methyl tertiary butyl ether (MTBE) ²	Naphthalene ³
B2	01/26/2015	B2-012615-GW	< 0.010	< 0.20	< 0.20	1.4
B3	01/26/2015	B3-012615-GW	< 0.010	< 2.0	< 2.0	—
B6	01/27/2015	B6-012715-GW	< 0.010	< 0.20	< 0.20	—
MTCA Method A Cleanup Level for Groundwater⁴			0.01	5	20	160

NOTES:

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

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

— denotes sample not analyzed

¹Analyzed by U.S. Environmental Protection Agency Method 8011.

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

³Analyzed by U.S. Environmental Protection Agency Method 8270D/SIM.

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

Table 9
Laboratory Analytical Results for Reconnaissance Groundwater Samples - Lead
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ¹	
			Total Lead	Dissolved Lead
B2	01/26/2015	B2-012615-GW	4.0	< 1.0
B4	01/26/2015	B4-012615-GW	1,300	—
MTCA Method A Cleanup Level for Groundwater²			15	NA

NOTES:

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

NA = not available

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

— denotes sample not analyzed

¹Analyzed by U.S. Environmental Protection Agency Method 200.8

²Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

Table 10
Laboratory Analytical Results for Reconnaissance Groundwater Samples - cPAHs
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ¹							Total cPAHs ^{2,3}
			Benzo(a) Anthracene	Benzo(a) Pyrene	Benzo(b) Fluoranthene	Benzo(j,k) Fluoranthene	Chrysene	Dibenzo(a,h) Anthracene	Indeno(1,2,3-cd) Pyrene	
B2	01/26/2015	B2-012615-GW	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	0.007
Cleanup Levels for Groundwater			0.12⁵	0.1⁵	0.12⁴	1.2⁴	12⁴	0.012⁴	0.12⁴	0.1⁴

NOTES:

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

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

¹Analyzed by U.S. Environmental Protection Agency Method 8270D/SIM.

²Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

³For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate total carcinogenic polycyclic aromatic hydrocarbons.

⁴Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for

Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative

Code, as revised 2013.

⁵Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations,

Standard Method B Values for Groundwater, <https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx>

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

Table 11
Laboratory Analytical Results for Reconnaissance Groundwater Samples - PCBs
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Date	Sample Identification	Analytical Results (micrograms per liter) ¹							
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs ²
B2	01/26/2015	B2-012615-GW	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.35
Cleanup Level for Groundwater			1.12³	NA	NA	NA	NA	0.32³	0.048⁴	0.1⁵

NOTES:

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

¹Analyzed by U.S. Environmental Protection Agency Method 8082A.

²For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the total polychlorinated biphenyls.

³Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B (Non cancer) Values for Groundwater,
<https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx>

⁴Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B (cancer) Values for Groundwater,
<https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx>

⁵Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

NA = not analyzed
 PCBs = polychlorinated biphenyls

Table 12
Laboratory Analytical Results for Reconnaissance Groundwater Samples - HVOCs
Endolyne Garden Apartments
Seattle, Washington
Farallon PN: 1295-001

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter) ^{1,4}				
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
B2	01/26/2015	B2-012615-GW	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MTCA Method A Cleanup Level for Groundwater			5²	5²	16³	160³	0.2²

NOTES:

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

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

¹Analyzed by U.S. Environmental Protection Agency Method 8260C.

²Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

³Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater,
<https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx>

⁴Other HVOC constituents tested. See laboratory reports for these results.

HVOCs = halogenated volatile organic compounds

**ATTACHMENT A
BORING LOGS**

**LIMITED SUBSURFACE INVESTIGATION
SUMMARY OF RESULTS**

**Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington**

Farallon PN: 1295-001





Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/26/15 @ 1130
Date/Time Completed: 1/26/15 @ 1205
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 2' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): 4.1'
Total Boring Depth (ft bgs): 6.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-0.6'	Concrete (100% concrete), white.	CO							Concrete
	0.6-1.5'	Silty SAND (80% sand, 20% silt), fine to medium sand, tan, moist, no odor, no sheen.	SM		60	NA	4.4	B1-1.0		
	1.5-2.0'	No Recovery								
	2.0-3.6'	Silty SAND (80% sand, 20% silt), fine to medium sand, tan, moist, no odor, no sheen.	SM		65	NA	2.4	B1-3.0	X	Bentonite
	3.6-4.0'	No Recovery								
	4.0-4.3'	Well-graded GRAVEL with sand (70% gravel, 25% sand, 5% silt), fine to coarse gravel, fine to medium sand, brown, wet, no odor, no sheen.	GW				1.1	B1-4.0	X	Water Level
5	4.3-6.0'	No Recovery			5	NA				

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	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: Bentonite	Y: NA	








Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/26/15 @ 1210
Date/Time Completed: 1/26/15 @ 1320
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 2' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): 6.5'
Total Boring Depth (ft bgs): 10.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-0.3':	Concrete (100% concrete), white.	CO							Concrete
	0.3-2.0':	No Recovery			0	NA				
	2.0-2.8':	Sandy SILT (60% silt, 40% sand), fine to medium sand, reddish-brown, moist, no odor, no sheen.	ML				0.0	B2-2.5		
	2.8-4.0':	No Recovery			85	NA				
	4.0-5.3':	Silty SAND (80% sand, 20% silt), fine to medium sand, brown, moist, no odor, no sheen.	SM				0.2	B2-4.5		
	5.3-6.0':	No Recovery			65	NA				
	6.0-6.5':	SILT (100% silt), tan, moist, no odor, no sheen.	ML				0.4	B2-6.0	X	
	6.5-7.5':	Silty SAND (75% sand, 25% silt), fine sand, brown, wet, no odor, no sheen.	SM							Water Level
	7.5-8.0':	No Recovery			75	NA				
	8.0-8.5':	SILT (100% silt), grey, wet, no odor, no sheen.	ML							Bentonite
	8.5-10.0':	Silty SAND (80% sand, 20% silt), fine to medium sand, brown, wet, no odor, no sheen.	SM					B2-012615-GW	X	
					100	NA		B2-9.5	X	

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	Top of Casing Elevation (ft): NA	
Screen Slot Size (inches): 0.010	Annular Seal: NA	Surveyed Location: X: NA	
Screened Interval (ft bgs): 5 to 10'	Boring Abandonment: Bentonite	Y: NA	

Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/26/15 @ 1455
Date/Time Completed: 1/26/15 @ 1605
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 4' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): 12.0'
Total Boring Depth (ft bgs): 16.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-0.6'	Beauty Bark (100% bark), brown.	WD							
	0.6-3.3'	Silty SAND (80% sand, 20% silt), fine to medium sand, tan, moist, no odor, no sheen.	SM		80	NA				Silty SAND
	3.3-4.0'	No Recovery					0.2	B3-3.0		
	4.0-6.9'	Silty SAND with gravel (65% sand, 20% silt, 15% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, no sheen.	SM			NA				
	6.9-8.0'	No Recovery			80		0.2	B3-6.5		
	8.0-8.6'	Silty SAND with gravel (60% sand, 25% silt, 15% gravel), fine to medium sand, fine to coarse gravel, grey, moist, no odor, no sheen.	SM				0.6	B3-8.5		
	8.6-9.6'	SILT (100% silt), grey, moist, no odor, no sheen.	ML							
	9.6-12.0'	Silty SAND with gravel (65% sand, 20% silt, 15% gravel), fine to medium sand, fine to coarse gravel, grey, moist to wet @ 12.0-foot bgs, petroleum-like odor, no sheen.	SM		100	NA				Bentonite
	12.0-12.6'	Silty SAND with gravel (65% sand, 20% silt, 15% gravel), fine to medium sand, fine to coarse gravel, grey, wet, petroleum-like odor, no sheen.	SM				23.6	B3-11.5	X	Water Level
	12.6-16.0'	SILT (100% silt), grey with orange mottling @ 15-foot bgs, moist, no odor, no sheen.	ML		100	NA		B3-012615-GW	X	
							0.4	B3-15.5	X	

Monument Type: NA

Casing Diameter (inches): NA

Screen Slot Size (inches): NA

Screened Interval (ft bgs): 10 to 15'

Well Construction Information

Filter Pack: NA

Surface Seal: Concrete

Annular Seal: NA

Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Surveyed Location: X: NA

Y: NA

Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

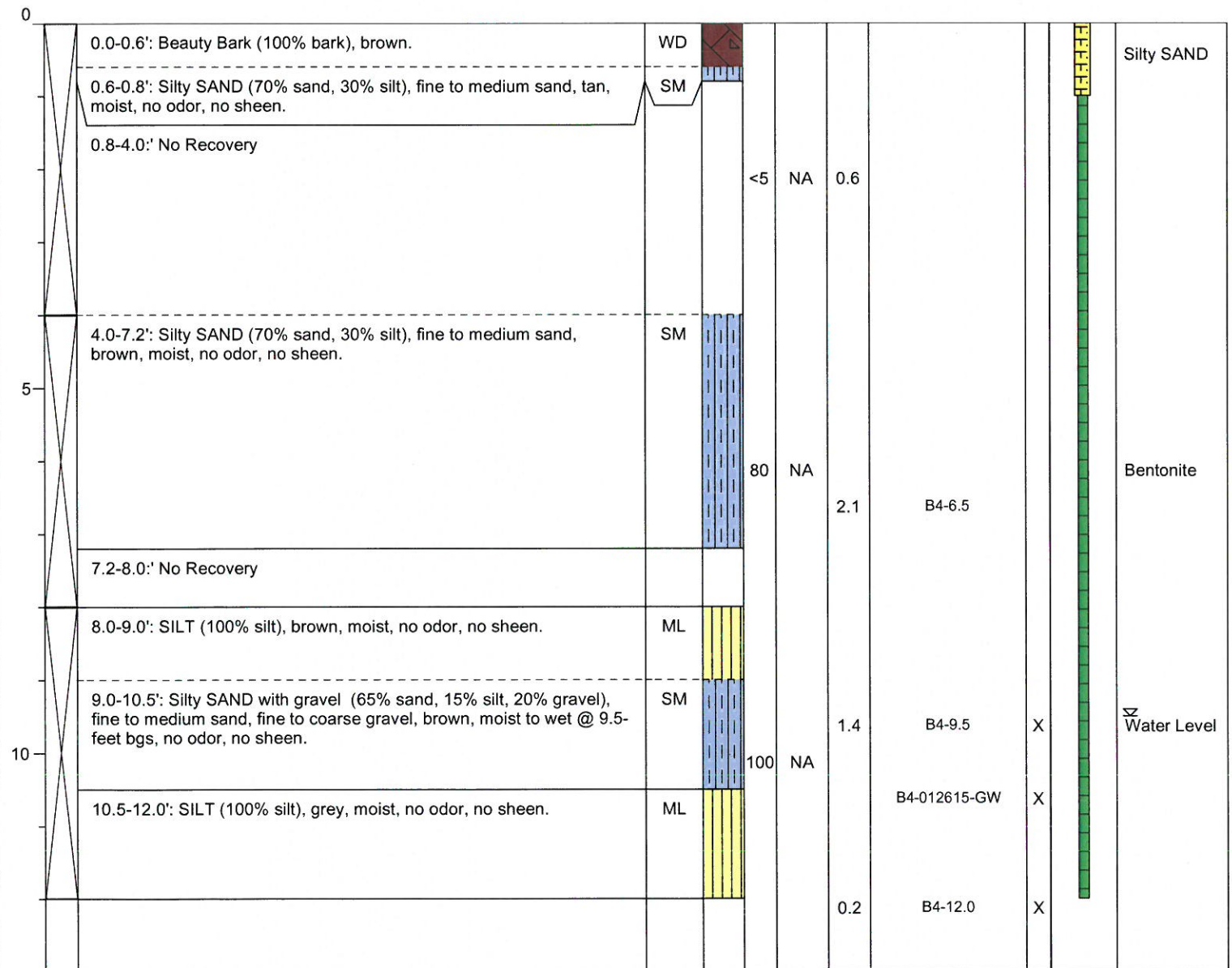
Date/Time Started: 1/26/15 @ 1610
Date/Time Completed: 1/26/15 @ 1725
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 4' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): 9.5'
Total Boring Depth (ft bgs): 12.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information		
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA
Casing Diameter (inches): NA	Surface Seal: Concrete	Top of Casing Elevation (ft): NA
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA
Screened Interval (ft bgs): 7 to 12'	Boring Abandonment: Bentonite	Y: NA






Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/26/15 @ 1330
Date/Time Completed: 1/26/15 @ 1405
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 2' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 8.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-0.6'	Concrete (100% concrete), white.	CO							Concrete
	0.6-1.2'	Silty SAND (75% sand, 25% silt), fine to medium sand, tan, moist, no odor, no sheen.	SM		45	NA	1.2	B5-1.0		
	1.2-2.0'	No Recovery								
	2.0-3.7'	Silty SAND (75% sand, 25% silt), fine to medium sand, brown, moist, no odor, no sheen.	SM		75	NA	0.8	B5-3.0		
	3.7-4.0'	No Recovery								
	4.0-5.7'	Silty SAND (75% sand, 25% silt), fine to medium sand, brown, moist, no odor, no sheen.	SM		75	NA	0.8	B5-5.0	X	
	5.7-6.0'	No Recovery								
	6.0-7.3'	Sandy SILT (60% silt, 40% sand), fine sand, brown, moist, no odor, no sheen.	ML		65	NA	0.1	B5-7.0	X	Bentonite
	7.3-8.0'	No Recovery								

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	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: Bentonite	Y: NA	

Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

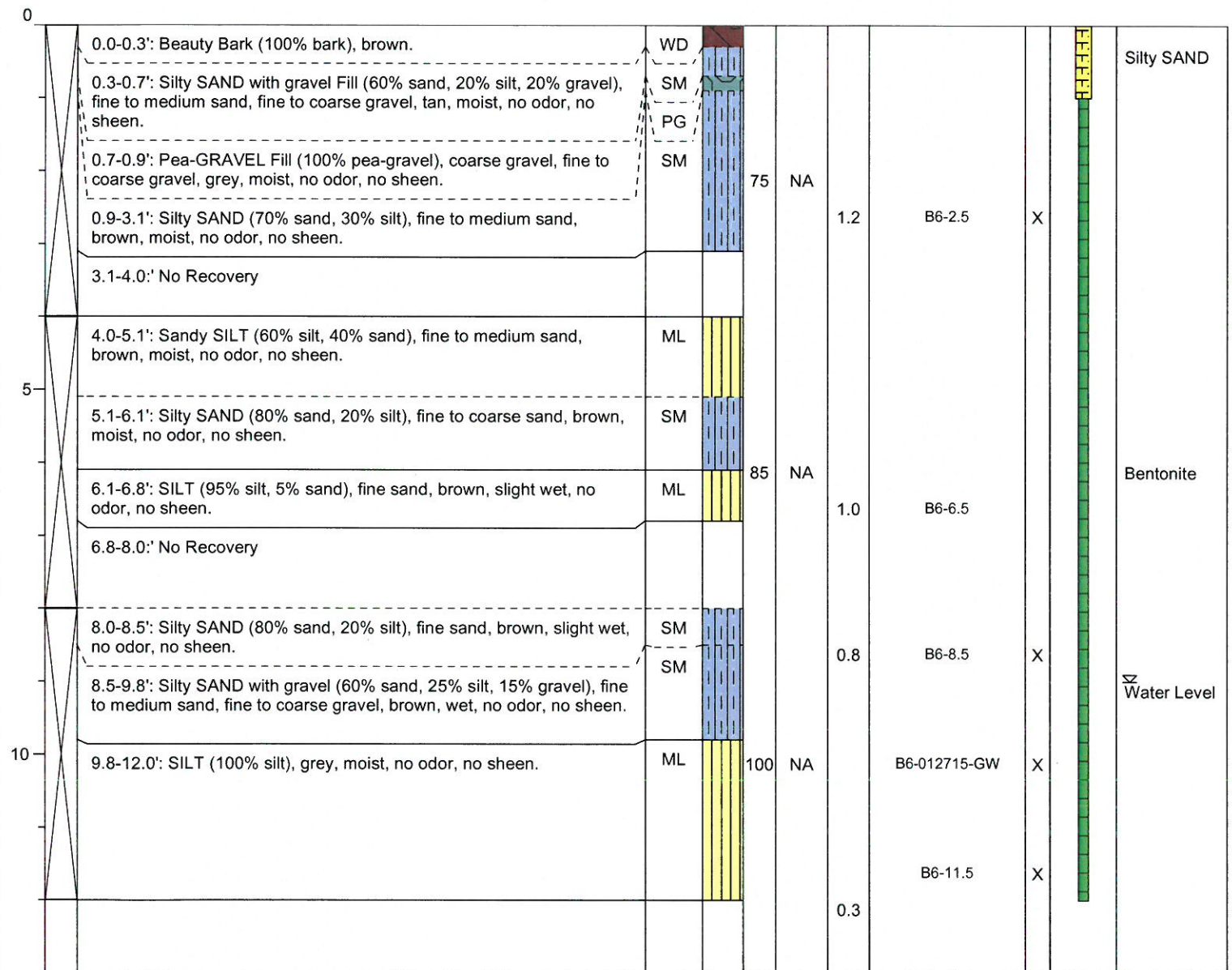
Date/Time Started: 1/27/15 @ 0930
Date/Time Completed: 1/27/15 @ 1010
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 4' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): 9.0'
Total Boring Depth (ft bgs): 12.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

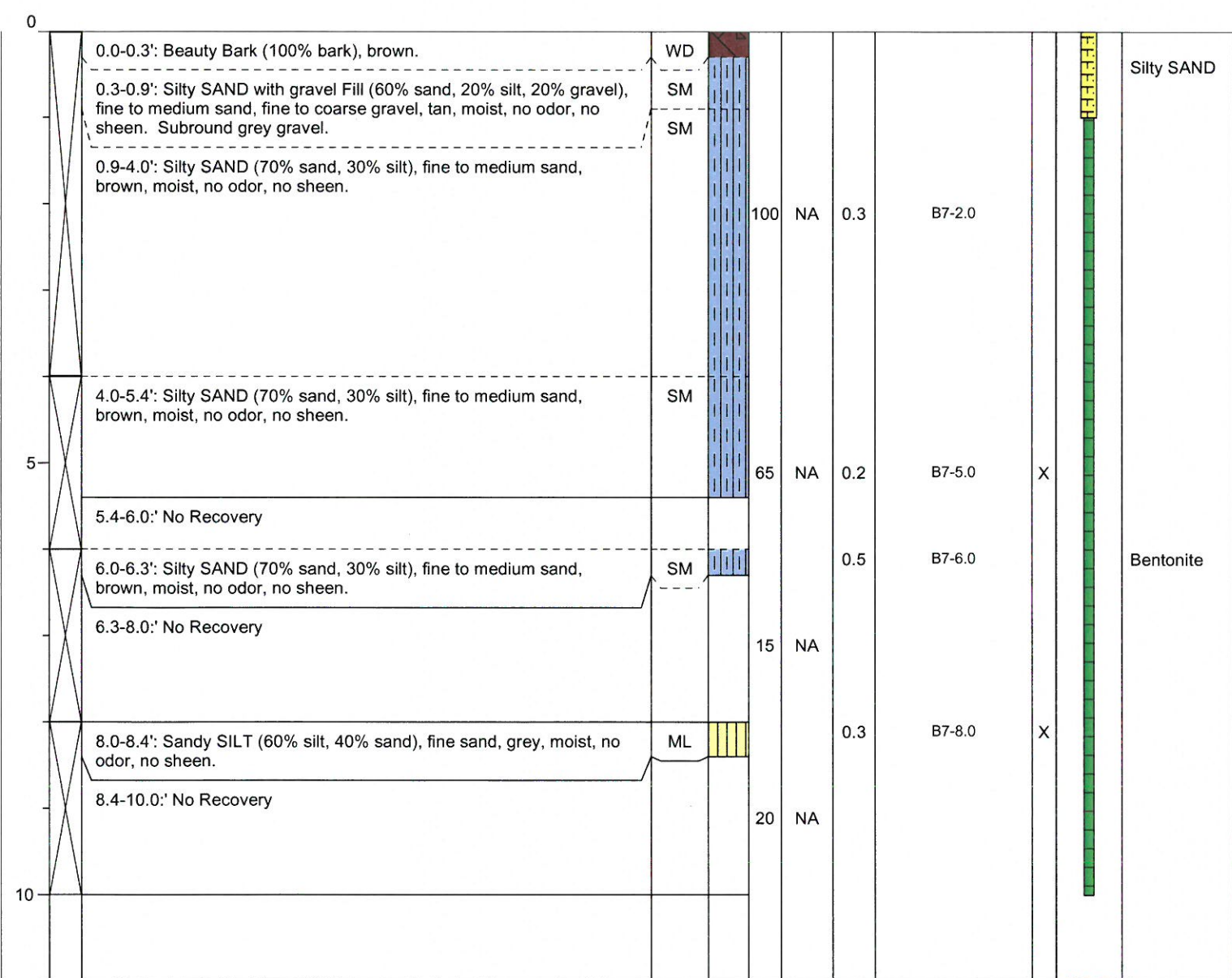
Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	Top of Casing Elevation (ft): NA	
Screen Slot Size (inches): NA	Annular Seal: NA	Surveyed Location: X: NA	
Screened Interval (ft bgs): 7 to 12'	Boring Abandonment: Bentonite	Y: NA	

Client: Endolyne Apartments LLC	Date/Time Started: 1/27/15 @ 1015	Sampler Type: 2' macrocore
Project: Endolyne Garden Apartments	Date/Time Completed: 1/27/15 @ 1055	Drive Hammer (lbs.): Rotohammer
Location: Seattle, WA	Equipment: Push probe	Depth of Water ATD (ft bgs): NE
Farallon PN: 1295-001	Drilling Company: ESN Drilling	Total Boring Depth (ft bgs): 10.0'
Logged By: Ken Scott	Drilling Foreman: Richard Bates	Total Well Depth (ft bgs): NA
	Drilling Method: Direct-push	

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
-------------------	-----------------	------------------------	------	--------------	------------	-------------------	-----------	-----------	-----------------	----------------------------------



Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	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: Bentonite	Y: NA	



Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/27/15 @ 1100
Date/Time Completed: 1/27/15 @ 1120
Equipment: Hand auger
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Hand auger

Sampler Type: Hand auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 6.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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		0.0-0.3': Beauty Bark (100% bark), brown.	WD							
		0.3-0.9': Silty SAND with gravel Fill (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, no sheen. 2-inch subround grey gravel between 5 to 6-feet bgs. Observe PVC pipe at 6-feet bgs, stop hand augering.	SM							Silty SAND
						100	NA	0.4	B8-2.0	
								0.3	B8-5.0	
								0.2	B8-5.5	X
5										Bentonite

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	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: Bentonite	Y: NA	

Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/27/15 @ 1140
Date/Time Completed: 1/27/15 @ 1215
Equipment: Push probe
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 2' macrocore
Drive Hammer (lbs.): Rotohammer
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 8.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-1.8':	Silty SAND with gravel Fill (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, tan, moist, no odor, no sheen. Subround grey gravel.	SM		90	NA	0.2	B9-1.5		Silty SAND
	1.8-2.0':	No Recovery					0.0	B9-2.0		
	2.0-2.7':	Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen.	SM							
	2.7-4.0':	No Recovery			35	NA				
	4.0-5.1':	Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen.	SM							
5	5.1-6.0':	Poorly graded SAND (95% sand, 5% silt), fine to medium sand, light-brown, moist, no odor, no sheen.	SP		100	NA	0.0	B9-5.0	X	
	6.0-7.8':	Silty SAND (80% sand, 15% silt, 5% gravel), fine to medium sand, fine gravel, light-brown, moist, no odor, no sheen.	SM		100	NA	0.0	B9-7.5	X	Bentonite
	7.8-8.0':	Sandy SILT (60% silt, 40% sand), fine sand, brown with orange mottling, moist, no odor, no sheen.	ML							

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Concrete	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: Bentonite	Y: NA	





Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/26/15 @ 1020
Date/Time Completed: 1/26/15 @ 1035
Equipment: Hand Auger
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: NA

Sampler Type: Hand auger
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 1.5"
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-0.8'	Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor, no sheen.	SM		100	NA	4.4	B10-0.5			Silty SAND
	0.8-1.5'	Sandy SILT (60% silt, 40% sand), fine sand, brown, moist, no odor, no sheen.	ML		100	NA	2.8	B10-1.5	X		Bentonite
5											

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft): NA	
Casing Diameter (inches): NA	Surface Seal: Soil	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: Bentonite	Y: NA	








Client: Endolyne Apartments LLC
Project: Endolyne Garden Apartments
Location: Seattle, WA

Date/Time Started: 1/26/15 @ 1415
Date/Time Completed: 1/26/15 @ 1445
Equipment: Kubota 9600P
Drilling Company: ESN Drilling
Drilling Foreman: Richard Bates
Drilling Method: Direct-push

Sampler Type: 4' macrocore
Drive Hammer (lbs.): Autohammer
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 12.0'
Total Well Depth (ft bgs): NA

Farallon PN: 1295-001

Logged By: Ken Scott

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	0.0-0.6'	Concrete (100% concrete), white.	CO							Concrete
	0.6-1.1'	Sandy SILT (60% silt, 40% sand), fine sand, tan, moist, no odor, no sheen.	ML							
	1.1-3.2'	Silty SAND with gravel fill (60% sand, 25% silt, 15% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, no sheen. Subround grey gravel.	SM		75	NA		B11-3.0		
	3.2-4.0'	No Recovery					1.0			
	4.0-4.6'	Silty SAND with gravel fill (60% sand, 20% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist, no odor, no sheen. Subangular black gravel.	SM				0.2			
	4.6-8.0'	No Recovery								
	8.0-8.8'	Sandy SILT (60% silt, 40% sand), fine sand, brown, moist, no odor, no sheen.	ML							
	8.8-9.1':	Well-graded GRAVEL (90% gravel, 5% sand, 5% silt), fine to coarse gravel, fine to medium sand, black, moist, no odor, no sheen.	GW							
	9.1-11.1':	Sandy SILT with gravel (50% silt, 35% sand, 15% gravel), fine to coarse sand, fine to coarse gravel, brown, moist, no odor, no sheen. Subround grey gravel.	ML		80	NA		B11-11.0	X	Bentonite
	11.1-12.0'	No Recovery					0.1			

Monument Type: NA

Casing Diameter (inches): NA

Screen Slot Size (inches): NA

Screened Interval (ft bgs): NA

Well Construction Information

Filter Pack: NA

Surface Seal: Concrete

Annular Seal: NA

Boring Abandonment: Bentonite

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Surveyed Location: X: NA

Y: NA

**ATTACHMENT B
LABORATORY ANALYTICAL REPORTS**

**LIMITED SUBSURFACE INVESTIGATION
SUMMARY OF RESULTS**

**Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington**

Farallon PN: 1295-001



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

February 5, 2015

Tad Cline
Farallon Consulting, LLC
Queen Anne Square East Bldg.
200 West Mercer Street, Suite 302
Seattle, WA 98119

Re: Analytical Data for Project 1295-001
Laboratory Reference No. 1501-183

Dear Tad:

Enclosed are the analytical results and associated quality control data for samples submitted on January 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: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

Case Narrative

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

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 (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.

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.

Low-level VOA vials containing stir bars necessary to obtain the MTCA Method A cleanup level for 1,2-Dibromoethane were not provided for sample B3-11.5. The sample was therefore extracted from a 4-ounce jar and analyzed.

PAHs EPA 8270D/SIM (soil) Analysis

A spike blank had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

PAHs EPA 8270D/SIM (water) Analysis

Sample B2-012615-GW had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

PCBs EPA 8082A (water) Analysis

Due to limited sample volume, B2-012615-GW was extracted from a 500 mL amber bottle preserved with HCl.

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: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B5-5.0					
Laboratory ID:	01-183-13					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.056	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.056	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.056	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.056	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	5.6	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-123				
Client ID:	B5-7.0					
Laboratory ID:	01-183-14					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.054	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.054	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.054	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.054	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	5.4	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	68-123				
Client ID:	B11-11.0					
Laboratory ID:	01-183-16					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.060	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.060	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.060	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.060	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	6.0	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-123				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B3-11.5					
Laboratory ID:	01-183-20					
Benzene	ND	0.020	EPA 8021B	1-28-15	2-3-15	
Toluene	ND	0.070	EPA 8021B	1-28-15	2-3-15	
Ethyl Benzene	0.12	0.070	EPA 8021B	1-28-15	2-3-15	
m,p-Xylene	0.13	0.070	EPA 8021B	1-28-15	2-3-15	
o-Xylene	ND	0.070	EPA 8021B	1-28-15	2-3-15	
Gasoline	63	7.0	NWTPH-Gx	1-28-15	2-3-15	

Surrogate: Percent Recovery Control Limits
Fluorobenzene 85 68-123

Client ID:	B3-15.5					
Laboratory ID:	01-183-21					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	7.0	NWTPH-Gx	1-28-15	1-28-15	

Surrogate: Percent Recovery Control Limits
Fluorobenzene 90 68-123

Client ID:	B4-9.5					
Laboratory ID:	01-183-24					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.070	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	7.0	NWTPH-Gx	1-28-15	1-28-15	

Surrogate: Percent Recovery Control Limits
Fluorobenzene 93 68-123

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B4-12.0					
Laboratory ID:	01-183-25					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.061	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.061	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.061	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.061	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	6.1	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>97</i>	<i>68-123</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0128S1					
Benzene	ND	0.020	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	0.050	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	0.050	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	0.050	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	0.050	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	5.0	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	68-123				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	01-183-13							
	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>				93	95	68-123		

SPIKE BLANKS

Laboratory ID:	SB0128S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	0.890	0.916	1.00	1.00	89	92	75-117	3	13
Toluene	0.883	0.908	1.00	1.00	88	91	78-118	3	12
Ethyl Benzene	0.874	0.902	1.00	1.00	87	90	78-118	3	12
m,p-Xylene	0.890	0.917	1.00	1.00	89	92	78-121	3	13
o-Xylene	0.881	0.906	1.00	1.00	88	91	77-119	3	13
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					90	93	68-123		

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
Benzene	1.5	1.0	EPA 8021B	1-28-15	1-28-15	
Toluene	20	1.0	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	5.2	1.0	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	21	1.0	EPA 8021B	1-28-15	1-28-15	
o-Xylene	7.7	1.0	EPA 8021B	1-28-15	1-28-15	
Gasoline	200	100	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	71-113				
Client ID:	B3-012615-GW					
Laboratory ID:	01-183-22					
Benzene	18	10	EPA 8021B	1-28-15	1-28-15	
Toluene	130	10	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	51	10	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	140	10	EPA 8021B	1-28-15	1-28-15	
o-Xylene	43	10	EPA 8021B	1-28-15	1-28-15	
Gasoline	15000	1000	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	71-113				
Client ID:	B4-012615-GW					
Laboratory ID:	01-183-26					
Benzene	5.9	1.0	EPA 8021B	1-28-15	1-28-15	
Toluene	73	1.0	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	15	1.0	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	69	1.0	EPA 8021B	1-28-15	1-28-15	
o-Xylene	25	1.0	EPA 8021B	1-28-15	1-28-15	
Gasoline	1900	100	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	71-113				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0128W1					
Benzene	ND	1.0	EPA 8021B	1-28-15	1-28-15	
Toluene	ND	1.0	EPA 8021B	1-28-15	1-28-15	
Ethyl Benzene	ND	1.0	EPA 8021B	1-28-15	1-28-15	
m,p-Xylene	ND	1.0	EPA 8021B	1-28-15	1-28-15	
o-Xylene	ND	1.0	EPA 8021B	1-28-15	1-28-15	
Gasoline	ND	100	NWTPH-Gx	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-113				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	01-183-10							
	ORIG	DUP						
Benzene	1.52	1.50	NA	NA	NA	NA	1	30
Toluene	20.3	20.2	NA	NA	NA	NA	0	30
Ethyl Benzene	5.18	5.00	NA	NA	NA	NA	4	30
m,p-Xylene	20.9	20.4	NA	NA	NA	NA	2	30
o-Xylene	7.75	7.75	NA	NA	NA	NA	0	30
Gasoline	203	202	NA	NA	NA	NA	0	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				91	91	71-113		

MATRIX SPIKES

Laboratory ID:	01-183-10									
	MS	MSD	MS	MSD	MS	MSD				
Benzene	50.4	51.5	50.0	50.0	1.52	98	100	82-120	2	14
Toluene	70.1	71.1	50.0	50.0	20.3	100	102	83-120	1	14
Ethyl Benzene	53.1	54.3	50.0	50.0	5.18	96	98	83-120	2	15
m,p-Xylene	70.7	71.7	50.0	50.0	20.9	100	102	81-123	1	15
o-Xylene	55.2	56.7	50.0	50.0	7.75	95	98	80-120	3	16
<i>Surrogate:</i>										
<i>Fluorobenzene</i>					97	97	71-113			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

NWTPH-Dx

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B10-1.5					
Laboratory ID:	01-183-02					
Diesel Range Organics	ND	30	NWTPH-Dx	1-30-15	1-30-15	
Lube Oil Range Organics	ND	60	NWTPH-Dx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	66	50-150				
Client ID:	B1-3.0					
Laboratory ID:	01-183-04					
Diesel Range Organics	ND	28	NWTPH-Dx	1-30-15	1-30-15	
Lube Oil Range Organics	ND	56	NWTPH-Dx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	88	50-150				
Client ID:	B1-4.0					
Laboratory ID:	01-183-05					
Diesel Range Organics	ND	30	NWTPH-Dx	1-30-15	1-30-15	
Lube Oil Range Organics	ND	59	NWTPH-Dx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	80	50-150				
Client ID:	B2-6.0					
Laboratory ID:	01-183-08					
Diesel Range Organics	ND	33	NWTPH-Dx	1-30-15	1-30-15	
Lube Oil Range Organics	ND	66	NWTPH-Dx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	82	50-150				
Client ID:	B2-9.5					
Laboratory ID:	01-183-09					
Diesel Range Organics	ND	29	NWTPH-Dx	1-30-15	1-30-15	
Lube Oil Range Organics	ND	58	NWTPH-Dx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	74	50-150				
Client ID:	B11-11.0					
Laboratory ID:	01-183-16					
Diesel Range Organics	ND	30	NWTPH-Dx	1-30-15	2-2-15	
Lube Oil	310	60	NWTPH-Dx	1-30-15	2-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	84	50-150				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**NWTPH-Dx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0130S1					
Diesel Range Organics	ND	25	NWTPH-Dx	1-30-15	1-30-15	
Lube Oil Range Organics	ND	50	NWTPH-Dx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	01-183-16							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	NA
Lube Oil	259	155	NA	NA	NA	NA	50	NA
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				84	63	50-150		

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

NWTPH-Dx

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-2-15	2-2-15	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-2-15	2-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	82	50-150				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**NWTPH-Dx
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0202W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	2-2-15	2-2-15	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	2-2-15	2-2-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	79	50-150				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	01-186-01							
	ORIG	DUP						
Diesel Range	ND	ND	NA	NA	NA	NA	NA	X1
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	X1
<i>Surrogate:</i>								
<i>o-Terphenyl</i>				75	77	50-150		

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

HALOGENATED VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B1-4.0					
Laboratory ID:	01-183-05					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Chloromethane	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
Vinyl Chloride	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Bromomethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Chloroethane	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Iodomethane	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
Methylene Chloride	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Bromochloromethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Chloroform	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Trichloroethene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Dibromomethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Bromodichloromethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
2-Chloroethyl Vinyl Ether	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

HALOGENATED VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B1-4.0					
Laboratory ID:	01-183-05					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Tetrachloroethene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Dibromochloromethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Chlorobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Bromoform	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Bromobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
2-Chlorotoluene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
4-Chlorotoluene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
Hexachlorobutadiene	ND	0.0057	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>110</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

HALOGENATED VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-6.0					
Laboratory ID:	01-183-08					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Chloromethane	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
Vinyl Chloride	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Bromomethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Chloroethane	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Iodomethane	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
Methylene Chloride	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Bromochloromethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Chloroform	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Trichloroethene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Dibromomethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Bromodichloromethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

HALOGENATED VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-6.0					
Laboratory ID:	01-183-08					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Tetrachloroethene	0.0030	0.0013	EPA 8260C	1-28-15	1-28-15	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Dibromochloromethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Chlorobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Bromoform	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Bromobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
2-Chlorotoluene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
4-Chlorotoluene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
Hexachlorobutadiene	ND	0.0063	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

VOLATILES EPA 8260C

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B3-11.5					
Laboratory ID:	01-183-20					
Methyl t-Butyl Ether	ND	0.0031	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.0031	EPA 8260C	1-29-15	1-29-15	
1,2-Dibromoethane	ND	0.0031	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>123</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>114</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**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:	MB0128S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Chloromethane	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Bromomethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Chloroethane	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Iodomethane	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
Methylene Chloride	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Bromochloromethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Chloroform	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Trichloroethene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Dibromomethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

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

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0128S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Chlorobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Bromoform	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Bromobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

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

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0129S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**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:	SB0128S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0517	0.0531	0.0500	0.0500	103	106	66-129	3	15	
Benzene	0.0537	0.0548	0.0500	0.0500	107	110	71-123	2	15	
Trichloroethene	0.0519	0.0510	0.0500	0.0500	104	102	75-115	2	15	
Toluene	0.0521	0.0517	0.0500	0.0500	104	103	75-120	1	15	
Chlorobenzene	0.0461	0.0450	0.0500	0.0500	92	90	75-121	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>108</i>	<i>113</i>	<i>76-131</i>			
<i>Toluene-d8</i>					<i>104</i>	<i>106</i>	<i>82-129</i>			
<i>4-Bromofluorobenzene</i>					<i>96</i>	<i>98</i>	<i>79-126</i>			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

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

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB0129S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0498	0.0505	0.0500	0.0500	100	101	66-129	1	15	
Benzene	0.0526	0.0548	0.0500	0.0500	105	110	71-123	4	15	
Trichloroethene	0.0499	0.0500	0.0500	0.0500	100	100	75-115	0	15	
Toluene	0.0515	0.0511	0.0500	0.0500	103	102	75-120	1	15	
Chlorobenzene	0.0443	0.0453	0.0500	0.0500	89	91	75-121	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>108</i>	<i>114</i>	<i>76-131</i>			
<i>Toluene-d8</i>					<i>106</i>	<i>107</i>	<i>82-129</i>			
<i>4-Bromofluorobenzene</i>					<i>95</i>	<i>100</i>	<i>79-126</i>			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

HALOGENATED VOLATILES EPA 8260C
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Chloromethane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromomethane	ND	0.26	EPA 8260C	1-28-15	1-28-15	
Chloroethane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Iodomethane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-28-15	1-28-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Chloroform	0.43	0.20	EPA 8260C	1-28-15	1-28-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Trichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Dibromomethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260C	1-28-15	1-28-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-28-15	1-28-15	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

HALOGENATED VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromoform	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Bromobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>80-120</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

VOLATILES EPA 8260C

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B3-012615-GW					
Laboratory ID:	01-183-22					
Methyl t-Butyl Ether	ND	2.0	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloroethane	ND	2.0	EPA 8260C	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>80-120</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

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

Page 1 of 2

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0128W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Chloromethane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromomethane	ND	0.26	EPA 8260C	1-28-15	1-28-15	
Chloroethane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Iodomethane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-28-15	1-28-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Chloroform	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Trichloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Dibromomethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260C	1-28-15	1-28-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-28-15	1-28-15	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

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

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0128W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Bromoform	ND	1.0	EPA 8260C	1-28-15	1-28-15	
Bromobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-28-15	1-28-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-28-15	1-28-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-28-15	1-28-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>80-120</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

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

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB0128W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.93	9.37	10.0	10.0	99	94	64-138	6	16	
Benzene	9.70	9.74	10.0	10.0	97	97	76-125	0	14	
Trichloroethene	9.23	9.06	10.0	10.0	92	91	70-125	2	16	
Toluene	9.73	9.54	10.0	10.0	97	95	75-125	2	15	
Chlorobenzene	9.40	9.11	10.0	10.0	94	91	80-140	3	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					99	105	79-122			
<i>Toluene-d8</i>					98	99	80-120			
<i>4-Bromofluorobenzene</i>					94	94	80-120			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

PAHs EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B1-4.0					
Laboratory ID:	01-183-05					
Naphthalene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
2-Methylnaphthalene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
1-Methylnaphthalene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Acenaphthylene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Acenaphthene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Fluorene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Phenanthrene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Anthracene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Fluoranthene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Pyrene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[a]anthracene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Chrysene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[b]fluoranthene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo(j,k)fluoranthene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[a]pyrene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Indeno(1,2,3-c,d)pyrene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Dibenz[a,h]anthracene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[g,h,i]perylene	ND	0.0079	EPA 8270D/SIM	1-30-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>78</i>	<i>32 - 114</i>				
<i>Pyrene-d10</i>	<i>67</i>	<i>33 - 121</i>				
<i>Terphenyl-d14</i>	<i>67</i>	<i>31 - 116</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

PAHs EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-6.0					
Laboratory ID:	01-183-08					
Naphthalene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
2-Methylnaphthalene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
1-Methylnaphthalene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Acenaphthylene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Acenaphthene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Fluorene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Phenanthrene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Anthracene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Fluoranthene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Pyrene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[a]anthracene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Chrysene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[b]fluoranthene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo(j,k)fluoranthene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[a]pyrene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Indeno(1,2,3-c,d)pyrene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Dibenz[a,h]anthracene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
Benzo[g,h,i]perylene	ND	0.0087	EPA 8270D/SIM	1-30-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>32 - 114</i>				
<i>Pyrene-d10</i>	<i>68</i>	<i>33 - 121</i>				
<i>Terphenyl-d14</i>	<i>63</i>	<i>31 - 116</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PAHs EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0130S1					
Naphthalene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
2-Methylnaphthalene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
1-Methylnaphthalene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Acenaphthylene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Acenaphthene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Fluorene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Phenanthrene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Anthracene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Fluoranthene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Pyrene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Benzo[a]anthracene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Chrysene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Benzo(j,k)fluoranthene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Benzo[a]pyrene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270D/SIM	1-30-15	2-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>102</i>	<i>32 - 114</i>				
<i>Pyrene-d10</i>	<i>88</i>	<i>33 - 121</i>				
<i>Terphenyl-d14</i>	<i>77</i>	<i>31 - 116</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PAHs EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
	SB	SBD	SB	SBD	SB	SBD				
SPIKE BLANKS										
Laboratory ID:	SB0130S1									
Naphthalene	0.0785	0.0809	0.0833	0.0833	94	97	63 - 113	3	19	
Acenaphthylene	0.0924	0.0957	0.0833	0.0833	111	115	61 - 125	4	16	
Acenaphthene	0.0920	0.0949	0.0833	0.0833	110	113	66 - 113	3	16	
Fluorene	0.0914	0.0933	0.0833	0.0833	110	112	60 - 117	2	16	
Phenanthrene	0.0848	0.0873	0.0833	0.0833	102	105	63 - 116	3	12	
Anthracene	0.0956	0.0975	0.0833	0.0833	115	117	66 - 141	2	19	
Fluoranthene	0.0892	0.0915	0.0833	0.0833	107	110	60 - 125	3	13	
Pyrene	0.0898	0.0932	0.0833	0.0833	108	112	66 - 126	4	15	
Benzo[a]anthracene	0.0939	0.0960	0.0833	0.0833	113	115	60 - 128	2	15	
Chrysene	0.0793	0.0831	0.0833	0.0833	95	100	60 - 117	5	13	
Benzo[b]fluoranthene	0.0766	0.0760	0.0833	0.0833	92	91	60 - 131	1	16	
Benzo(j,k)fluoranthene	0.0780	0.0818	0.0833	0.0833	94	98	57 - 126	5	20	
Benzo[a]pyrene	0.0812	0.0833	0.0833	0.0833	97	100	62 - 136	3	16	
Indeno(1,2,3-c,d)pyrene	0.0827	0.0846	0.0833	0.0833	99	102	60 - 127	2	19	
Dibenz[a,h]anthracene	0.0841	0.0870	0.0833	0.0833	101	104	62 - 133	3	22	
Benzo[g,h,i]perylene	0.0822	0.0849	0.0833	0.0833	99	102	63 - 129	3	22	
<i>Surrogate:</i>										
2-Fluorobiphenyl					116	107	32 - 114			Q
Pyrene-d10					91	94	33 - 121			
Terphenyl-d14					79	82	31 - 116			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

PAHs EPA 8270D/SIM

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
Naphthalene	1.4	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
2-Methylnaphthalene	0.48	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
1-Methylnaphthalene	0.19	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Acenaphthylene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Acenaphthene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Fluorene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Phenanthrene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Anthracene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Fluoranthene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Pyrene	ND	0.096	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[a]anthracene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Chrysene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo(j,k)fluoranthene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[a]pyrene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Indeno(1,2,3-c,d)pyrene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270D/SIM	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorobiphenyl	72	39 - 109				
Pyrene-d10	72	53 - 131				
Terphenyl-d14	133	44 - 104				Q

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PAHs EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0129W1					
Naphthalene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
2-Methylnaphthalene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
1-Methylnaphthalene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Acenaphthylene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Acenaphthene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Fluorene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Phenanthrene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Anthracene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Fluoranthene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Pyrene	ND	0.10	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[a]anthracene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Chrysene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[b]fluoranthene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo(j,k)fluoranthene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[a]pyrene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Indeno(1,2,3-c,d)pyrene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270D/SIM	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>78</i>	<i>39 - 109</i>				
<i>Pyrene-d10</i>	<i>85</i>	<i>53 - 131</i>				
<i>Terphenyl-d14</i>	<i>95</i>	<i>44 - 104</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PAHs EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0129W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.350	0.437	0.500	0.500	70	87	41 - 105	22	46	
Acenaphthylene	0.431	0.504	0.500	0.500	86	101	48 - 109	16	43	
Acenaphthene	0.372	0.444	0.500	0.500	74	89	52 - 105	18	40	
Fluorene	0.408	0.456	0.500	0.500	82	91	60 - 108	11	41	
Phenanthrene	0.388	0.427	0.500	0.500	78	85	61 - 110	10	36	
Anthracene	0.395	0.445	0.500	0.500	79	89	57 - 130	12	37	
Fluoranthene	0.407	0.440	0.500	0.500	81	88	60 - 120	8	35	
Pyrene	0.403	0.437	0.500	0.500	81	87	66 - 127	8	37	
Benzo[a]anthracene	0.432	0.475	0.500	0.500	86	95	60 - 135	9	34	
Chrysene	0.364	0.385	0.500	0.500	73	77	64 - 113	6	34	
Benzo[b]fluoranthene	0.357	0.402	0.500	0.500	71	80	66 - 126	12	37	
Benzo(j,k)fluoranthene	0.470	0.498	0.500	0.500	94	100	66 - 123	6	39	
Benzo[a]pyrene	0.424	0.463	0.500	0.500	85	93	63 - 130	9	37	
Indeno(1,2,3-c,d)pyrene	0.450	0.475	0.500	0.500	90	95	63 - 130	5	42	
Dibenz[a,h]anthracene	0.447	0.474	0.500	0.500	89	95	60 - 124	6	44	
Benzo[g,h,i]perylene	0.429	0.450	0.500	0.500	86	90	60 - 119	5	45	
<i>Surrogate:</i>										
2-Fluorobiphenyl					79	93	39 - 109			
Pyrene-d10					82	88	53 - 131			
Terphenyl-d14					91	97	44 - 104			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PCBs
 EPA 8082A**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B1-4.0					
Laboratory ID:	01-183-05					
Aroclor 1016	ND	0.059	EPA 8082A	1-29-15	1-29-15	
Aroclor 1221	ND	0.059	EPA 8082A	1-29-15	1-29-15	
Aroclor 1232	ND	0.059	EPA 8082A	1-29-15	1-29-15	
Aroclor 1242	ND	0.059	EPA 8082A	1-29-15	1-29-15	
Aroclor 1248	ND	0.059	EPA 8082A	1-29-15	1-29-15	
Aroclor 1254	ND	0.059	EPA 8082A	1-29-15	1-29-15	
Aroclor 1260	ND	0.059	EPA 8082A	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	<i>84</i>	<i>55-140</i>				
Client ID:	B2-6.0					
Laboratory ID:	01-183-08					
Aroclor 1016	ND	0.065	EPA 8082A	1-29-15	1-29-15	
Aroclor 1221	ND	0.065	EPA 8082A	1-29-15	1-29-15	
Aroclor 1232	ND	0.065	EPA 8082A	1-29-15	1-29-15	
Aroclor 1242	ND	0.065	EPA 8082A	1-29-15	1-29-15	
Aroclor 1248	ND	0.065	EPA 8082A	1-29-15	1-29-15	
Aroclor 1254	ND	0.065	EPA 8082A	1-29-15	1-29-15	
Aroclor 1260	ND	0.065	EPA 8082A	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	<i>89</i>	<i>55-140</i>				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PCBs EPA 8082A
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0129S1					
Aroclor 1016	ND	0.050	EPA 8082A	1-29-15	1-30-15	
Aroclor 1221	ND	0.050	EPA 8082A	1-29-15	1-30-15	
Aroclor 1232	ND	0.050	EPA 8082A	1-29-15	1-30-15	
Aroclor 1242	ND	0.050	EPA 8082A	1-29-15	1-30-15	
Aroclor 1248	ND	0.050	EPA 8082A	1-29-15	1-30-15	
Aroclor 1254	ND	0.050	EPA 8082A	1-29-15	1-30-15	
Aroclor 1260	ND	0.050	EPA 8082A	1-29-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
DCB	96		55-140			

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	01-180-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	0.300	0.332	0.500	0.500	ND	60	66	46-136	10	17	
<i>Surrogate:</i>											
DCB						71	77	55-140			

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

PCBs
EPA 8082A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
Aroclor 1016	ND	0.10	EPA 8082A	2-3-15	2-3-15	
Aroclor 1221	ND	0.10	EPA 8082A	2-3-15	2-3-15	
Aroclor 1232	ND	0.10	EPA 8082A	2-3-15	2-3-15	
Aroclor 1242	ND	0.10	EPA 8082A	2-3-15	2-3-15	
Aroclor 1248	ND	0.10	EPA 8082A	2-3-15	2-3-15	
Aroclor 1254	ND	0.10	EPA 8082A	2-3-15	2-3-15	
Aroclor 1260	ND	0.10	EPA 8082A	2-3-15	2-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	62	53-128				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**PCBs EPA 8082A
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0203W1					
Aroclor 1016	ND	0.050	EPA 8082A	2-3-15	2-3-15	
Aroclor 1221	ND	0.050	EPA 8082A	2-3-15	2-3-15	
Aroclor 1232	ND	0.050	EPA 8082A	2-3-15	2-3-15	
Aroclor 1242	ND	0.050	EPA 8082A	2-3-15	2-3-15	
Aroclor 1248	ND	0.050	EPA 8082A	2-3-15	2-3-15	
Aroclor 1254	ND	0.050	EPA 8082A	2-3-15	2-3-15	
Aroclor 1260	ND	0.050	EPA 8082A	2-3-15	2-3-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
DCB	85		53-128			

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0203W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	0.411	0.407	0.500	0.500	N/A	82	81	61-124	1	12	
<i>Surrogate:</i>											
DCB						88	83	53-128			

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**TOTAL LEAD
EPA 6010C**

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	01-183-20					
Client ID:	B3-11.5					
Lead	ND	6.2	6010C	1-29-15	1-29-15	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

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

Date Extracted: 1-29-15
Date Analyzed: 1-29-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0129SM1

Analyte	Method	Result	PQL
Lead	6010C	ND	5.0

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

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

Date Extracted: 1-29-15

Date Analyzed: 1-29-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 01-201-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	8.00	6.80	16	5.0	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

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

Date Extracted: 1-29-15

Date Analyzed: 1-29-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 01-201-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	254	98	253	98	0	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

TOTAL LEAD
EPA 200.8

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	01-183-10					
Client ID:	B2-012615-GW					
Lead	4.0	1.1	200.8	2-2-15	2-2-15	
Lab ID:	01-183-26					
Client ID:	B4-012615-GW					
Lead	1300	11	200.8	2-2-15	2-2-15	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**TOTAL LEAD
EPA 200.8
METHOD BLANK QUALITY CONTROL**

Date Extracted: 2-2-15
Date Analyzed: 2-2-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0202WM1

Analyte	Method	Result	PQL
Lead	200.8	ND	1.1

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**TOTAL LEAD
EPA 200.8
DUPLICATE QUALITY CONTROL**

Date Extracted: 2-2-15

Date Analyzed: 2-2-15

Matrix: Water

Units: ug/L (ppb)

Lab ID: 01-137-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	ND	ND	NA	1.1	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**TOTAL LEAD
EPA 200.8
MS/MSD QUALITY CONTROL**

Date Extracted: 2-2-15

Date Analyzed: 2-2-15

Matrix: Water

Units: ug/L (ppb)

Lab ID: 01-137-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	111	113	102	112	101	2	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

DISSOLVED LEAD
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	01-183-10					
Client ID:	B2-012615-GW					
Lead	ND	1.0	200.8	1-27-15	2-4-15	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**DISSOLVED LEAD
EPA 200.8
METHOD BLANK QUALITY CONTROL**

Date Filtered: 1-27-15
Date Analyzed: 2-4-15

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0127F1

Analyte	Method	Result	PQL
Lead	200.8	ND	1.0

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**DISSOLVED LEAD
EPA 200.8
DUPLICATE QUALITY CONTROL**

Date Filtered: 1-27-15

Date Analyzed: 2-4-15

Matrix: Water

Units: ug/L (ppb)

Lab ID: 01-183-10

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	ND	ND	NA	1.0	

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

**DISSOLVED LEAD
EPA 200.8
MS/MSD QUALITY CONTROL**

Date Filtered: 1-27-15

Date Analyzed: 2-4-15

Matrix: Water

Units: ug/L (ppb)

Lab ID: 01-183-10

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	200	190	95	208	104	9	

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**1,2-DIBROMOETHANE (EDB)
 EPA 8011**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B2-012615-GW					
Laboratory ID:	01-183-10					
EDB	ND	0.010	EPA 8011	2-4-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>TCMX</i>	135	25-143				
Client ID:	B3-012615-GW					
Laboratory ID:	01-183-22					
EDB	ND	0.010	EPA 8011	2-4-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>TCMX</i>	58	25-143				

Date of Report: February 5, 2015
 Samples Submitted: January 27, 2015
 Laboratory Reference: 1501-183
 Project: 1295-001

**1,2-DIBROMOETHANE (EDB)
 EPA 8011
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0204W1					
EDB	ND	0.010	EPA 8011	2-4-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
TCMX	116	25-143				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0204W1										
	SB	SBD	SB	SBD		SB	SBD				
EDB	0.110	0.110	0.100	0.100	N/A	110	110	84-118	0	15	
<i>Surrogate:</i>											
TCMX						112	112	25-143			

Date of Report: February 5, 2015
Samples Submitted: January 27, 2015
Laboratory Reference: 1501-183
Project: 1295-001

% MOISTURE

Date Analyzed: 1-28&30-15

Client ID	Lab ID	% Moisture
B10-1.5	01-183-02	17
B1-3.0	01-183-04	11
B1-4.0	01-183-05	16
B2-6.0	01-183-08	24
B2-9.5	01-183-09	13
B5-5.0	01-183-13	11
B5-7.0	01-183-14	13
B11-11.0	01-183-16	16
B3-11.5	01-183-20	19
B3-15.5	01-183-21	17
B4-9.5	01-183-24	15
B4-12.0	01-183-25	10



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



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

Chain of Custody

Company: **FARALLON**
 Project Number: **1295-001**
 Project Name: **Endolene Garden Apartments**
 Project Manager: **TAD CLINE**
 Sampled by: **Ken Smith**

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

Laboratory Number: 01-183

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	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	TOTAL LEAD	DISSOLVED LEAD	EDB 8011	MTBE, EDC	% Moisture	
1	B10-0.5	1/26/15	1025	S	5																						
2	B10-1.5		1030	S	5				⊗																		⊗
3	B1-1.0		1140	S	5																						
4	B1-3.0		1150	S	5				⊗																		⊗
5	B1-4.0		1200	S	5				⊗	⊗	⊗	⊗															⊗
6	B2-2.5		1220	S	5																						
7	B2-4.5		1230	S	5																						
8	B2-6.0		1240	S	5				⊗	⊗	⊗	⊗															⊗
9	B2-9.5		1250	S	5				⊗																		⊗
10	B2-012615-GW		1300	W	10	⊗	⊗	⊗	⊗	⊗	⊗	⊗										⊗	⊗	⊗	⊗	⊗	

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	<i>Ken Smith</i>	FARALLON	1/26/15	1300	Hold sample, will call @ ANALYSIS. Dissolved metal sample for B2 was not field filtered. Please filter ASAP. ⊗ Added 1/26/15. DB (STA)
Received	<i>[Signature]</i>	On Site Env	1/27/15	1210	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report <input type="checkbox"/>



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

February 5, 2015

Tad Cline
Farallon Consulting, LLC
Queen Anne Square East Bldg.
200 West Mercer Street, Suite 302
Seattle, WA 98119

Re: Analytical Data for Project 1295-001
Laboratory Reference No. 1501-203

Dear Tad:

Enclosed are the analytical results and associated quality control data for samples submitted on February 28, 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: February 5, 2015
Samples Submitted: February 28, 2015
Laboratory Reference: 1501-203
Project: 1295-001

Case Narrative

Samples were collected on January 27, 2015 and received by the laboratory on January 28, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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 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.

Low-level VOA vials containing stir bars necessary to obtain the MTCA Method A cleanup level for 1,2-Dibromoethane were not provided for sample B7-8.0. The sample was therefore extracted from a 4-ounce jar and analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B6-2.5					
Laboratory ID:	01-203-01					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	5.0	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	68-123				
Client ID:	B6-8.5					
Laboratory ID:	01-203-03					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.062	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.062	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.062	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.062	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	6.2	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	68-123				
Client ID:	B6-11.5					
Laboratory ID:	01-203-04					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.057	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.057	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.057	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.057	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	5.7	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	68-123				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B7-5.0					
Laboratory ID:	01-203-07					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.064	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.064	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.064	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.064	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	6.4	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	68-123				
Client ID:	B7-8.0					
Laboratory ID:	01-203-09					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.068	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.068	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.068	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.068	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	6.8	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	68-123				
Client ID:	B8-5.5					
Laboratory ID:	01-203-12					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.063	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.063	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.063	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.063	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	6.3	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	103	68-123				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B9-5.0					
Laboratory ID:	01-203-15					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	6.6	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	68-123				
Client ID:	B9-7.5					
Laboratory ID:	01-203-16					
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.066	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	6.6	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-123				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

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

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB0131S1				
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	5.0	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	90	68-123				
Laboratory ID:		MB0131S2				
Benzene	ND	0.020	EPA 8021B	1-31-15	1-31-15	
Toluene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
Ethyl Benzene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
m,p-Xylene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
o-Xylene	ND	0.050	EPA 8021B	1-31-15	1-31-15	
Gasoline	ND	5.0	NWTPH-Gx	1-31-15	1-31-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	68-123				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

**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:	01-217-01							
	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				101	106	68-123		
DUPLICATE								
Laboratory ID:	01-238-04							
	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				88	87	68-123		
SPIKE BLANKS								
Laboratory ID:	SB0131S1							
	SB	SBD	SB	SBD	SB	SBD		
Benzene	0.955	1.01	1.00	1.00	96	101	75-117	6 13
Toluene	0.938	0.987	1.00	1.00	94	99	78-118	5 12
Ethyl Benzene	0.885	0.927	1.00	1.00	89	93	78-118	5 12
m,p-Xylene	0.879	0.911	1.00	1.00	88	91	78-121	4 13
o-Xylene	0.840	0.861	1.00	1.00	84	86	77-119	2 13
<i>Surrogate:</i>								
Fluorobenzene					91	96	68-123	

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B6-012715-GW					
Laboratory ID:	01-203-05					
Benzene	3.7	1.0	EPA 8021B	1-30-15	1-30-15	
Toluene	45	1.0	EPA 8021B	1-30-15	1-30-15	
Ethyl Benzene	10	1.0	EPA 8021B	1-30-15	1-30-15	
m,p-Xylene	34	1.0	EPA 8021B	1-30-15	1-30-15	
o-Xylene	12	1.0	EPA 8021B	1-30-15	1-30-15	
Gasoline	350	100	NWTPH-Gx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>91</i>	<i>71-113</i>				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0130W1					
Benzene	ND	1.0	EPA 8021B	1-30-15	1-30-15	
Toluene	ND	1.0	EPA 8021B	1-30-15	1-30-15	
Ethyl Benzene	ND	1.0	EPA 8021B	1-30-15	1-30-15	
m,p-Xylene	ND	1.0	EPA 8021B	1-30-15	1-30-15	
o-Xylene	ND	1.0	EPA 8021B	1-30-15	1-30-15	
Gasoline	ND	100	NWTPH-Gx	1-30-15	1-30-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	71-113				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	01-228-01							
	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>				88	90	71-113		

SPIKE BLANKS

Laboratory ID:	SB0130W1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	46.8	47.2	50.0	50.0	94	94	80-118	1	11
Toluene	46.1	47.0	50.0	50.0	92	94	81-119	2	11
Ethyl Benzene	46.5	47.1	50.0	50.0	93	94	80-121	1	12
m,p-Xylene	46.6	47.3	50.0	50.0	93	95	81-121	1	12
o-Xylene	46.8	47.3	50.0	50.0	94	95	81-119	1	12
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					87	89	71-113		

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

**TOTAL LEAD
 EPA 6010C**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	01-203-09					
Client ID:	B7-8.0					
Lead	6.4	6.2	6010C	2-3-15	2-3-15	
Lab ID:	01-203-16					
Client ID:	B9-7.5					
Lead	ND	6.0	6010C	2-3-15	2-3-15	

Date of Report: February 5, 2015
Samples Submitted: February 28, 2015
Laboratory Reference: 1501-203
Project: 1295-001

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

Date Extracted: 2-3-15
Date Analyzed: 2-3-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0203SM1

Analyte	Method	Result	PQL
Lead	6010C	ND	5.0

Date of Report: February 5, 2015
Samples Submitted: February 28, 2015
Laboratory Reference: 1501-203
Project: 1295-001

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

Date Extracted: 2-3-15

Date Analyzed: 2-3-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 01-203-16

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	ND	ND	NA	5.0	

Date of Report: February 5, 2015
Samples Submitted: February 28, 2015
Laboratory Reference: 1501-203
Project: 1295-001

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

Date Extracted: 2-3-15

Date Analyzed: 2-3-15

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 01-203-16

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	236	94	235	94	0	

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

VOLATILES EPA 8260C

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B7-8.0					
Laboratory ID:	01-203-09					
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	1-29-15	1-29-15	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>116</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

VOLATILES EPA 8260C

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B9-7.5					
Laboratory ID:	01-203-16					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>123</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>119</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

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

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0129S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>79-126</i>				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

**VOLATILES by 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:	SB0129S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0498	0.0505	0.0500	0.0500	100	101	66-129	1	15	
Benzene	0.0526	0.0548	0.0500	0.0500	105	110	71-123	4	15	
Trichloroethene	0.0499	0.0500	0.0500	0.0500	100	100	75-115	0	15	
Toluene	0.0515	0.0511	0.0500	0.0500	103	102	75-120	1	15	
Chlorobenzene	0.0443	0.0453	0.0500	0.0500	89	91	75-121	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					108	114	76-131			
<i>Toluene-d8</i>					106	107	82-129			
<i>4-Bromofluorobenzene</i>					95	100	79-126			

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

VOLATILES EPA 8260C

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B6-012715-GW					
Laboratory ID:	01-203-05					
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>80-120</i>				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

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

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0129W1					
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-29-15	1-29-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-29-15	1-29-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>80-120</i>				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

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

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0129W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.76	9.76	10.0	10.0	98	98	64-138	0	16	
Benzene	9.63	9.87	10.0	10.0	96	99	76-125	2	14	
Trichloroethene	9.18	9.26	10.0	10.0	92	93	70-125	1	16	
Toluene	9.58	9.64	10.0	10.0	96	96	75-125	1	15	
Chlorobenzene	9.39	9.17	10.0	10.0	94	92	80-140	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					96	104	79-122			
<i>Toluene-d8</i>					98	100	80-120			
<i>4-Bromofluorobenzene</i>					95	95	80-120			

Date of Report: February 5, 2015
Samples Submitted: February 28, 2015
Laboratory Reference: 1501-203
Project: 1295-001

**1,2-DIBROMOETHANE (EDB)
EPA 8011**

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B6-012715-GW					
Laboratory ID:	01-203-05					
EDB	ND	0.010	EPA 8011	2-4-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>TCMX</i>	123	25-143				

Date of Report: February 5, 2015
 Samples Submitted: February 28, 2015
 Laboratory Reference: 1501-203
 Project: 1295-001

**1,2-DIBROMOETHANE (EDB)
 EPA 8011
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0204W1					
EDB	ND	0.010	EPA 8011	2-4-15	2-4-15	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
TCMX	116	25-143				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0204W1										
	SB	SBD	SB	SBD		SB	SBD				
EDB	0.110	0.110	0.100	0.100	N/A	110	110	84-118	0	15	
<i>Surrogate:</i>											
TCMX						112	112	25-143			

Date of Report: February 5, 2015
Samples Submitted: February 28, 2015
Laboratory Reference: 1501-203
Project: 1295-001

% MOISTURE

Date Analyzed: 1-29&2-2-15

Client ID	Lab ID	% Moisture
B6-2.5	01-203-01	10
B6-8.5	01-203-03	15
B6-11.5	01-203-04	11
B7-5.0	01-203-07	11
B7-8.0	01-203-09	20
B8-5.5	01-203-12	18
B9-5.0	01-203-15	10
B9-7.5	01-203-16	16



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



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

Company: FARALLON Project Number: 1295-001 Project Name: ENDOLYNE GARDEN APARTMENTS Project Manager: TAD CLINE Sampled by: Ken Snott		Turnaround Request (in working days) (Check One) <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> Standard (7 Days) (TPH analysis 5 Days) <input type="checkbox"/> _____ (other)			Laboratory Number: 01-203																									
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	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 Pesticicides 8081B	Organophosphorus Pesticicides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MPCA Metals LEAD	TCLP Metals	HEM (oil and grease) 1664A				% Moisture					
1	B6-2.5	1/27/15	935	S	2		X																					X		
2	B6-6.5	↓	940	S	2																									
3	B6-8.5		945	S	2		X																						X	
4	B6-11.5		950	S	2		X																						X	
5	B6-012715-GW		1000	W	5/3		X																						X	
6	B7-2.0		1020	S	2																									
7	B7-5.0		1030	S	2		X																							X
8	B7-6.0		1040	S	2																									
9	B7-8.0		1050	S	2		X														X									X
10	B8-2.0		1105	S	2																									
Signature			Company			Date	Time	Comments/Special Instructions																						
Relinquished		FARALLON			1/27/15	1500	The dissolved metal sample not field filtered. Please filter ASAP.																							
Received		OSE			1/28/15	1210																								
Relinquished																														
Received																														
Relinquished																														
Received																														
Reviewed/Date		Reviewed/Date			Chromatograms with final report <input type="checkbox"/>																									

Chain of Custody

Company: FARALLON
 Project Number: 1295-001
 Project Name: ENDOLYNE GARDEN APARTMENTS
 Project Manager: TAD CLINE
 Sampled by: Ken Scott

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

Laboratory Number: 01-203

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	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 HPA Metals <u>LEAD</u>	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	<u>MTBE, EDB, FDC</u>	% Moisture			
11	B8-5.0	1/27/15	1110	S	5																					
12	B8-5.5	↓	1115	S	5		X																	X		
13	B9-1.5		1145	S	5																					
14	B9-2.0		1150	S	5																					
15	B9-5.0		1200	S	5		X																		X	
16	B9-7.5	↓	1210	S	5		X											X				X		X		

(KS)

Signature	Company	Date	Time	Comments/Special Instructions
<u>Ken Scott</u>	<u>FARALLON</u>	<u>1/27/15</u>	<u>1500</u>	<u>See page #1.</u>
<u>[Signature]</u>	<u>COSE</u>	<u>1/28/15</u>	<u>1210</u>	
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		