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June 6, 2016

Endolyne Apartments, LLC
c/o Mr. Steve Lazoff
Plus One Capital, LLC
2143 North Northlake Way, Suite C-1
Seattle, Washington 98103

**BY E-MAIL**

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

Dear Mr. Lazoff:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter on behalf of Endolyne Apartments, LLC (Endolyne) to present results from an additional limited subsurface investigation of the occurrence of petroleum-related constituents in soil and groundwater released from former underground storage tanks (USTs) and former operations at 9212 45th Avenue Southwest in Seattle, Washington (herein referred to as the Property) (Figure 1). 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, reportedly used to store oil and gasoline, and excavation of petroleum-contaminated soil from around two of the USTs. Some impacted soil was disposed of off-Property and some was treated on-Property prior to on-Property re-use.

The objective of subsurface investigations at the Property is to obtain sufficient Property-specific data to evaluate if additional cleanup is required at the Property to be protective of human health and the environment and to meet the requirements for regulatory closure under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) (Chapter 173-340 of the Washington Administrative Code [WAC 173-340]); and, ultimately, to support a request for a No Further Action (NFA) determination from the Washington State Department of Ecology (Ecology) under the Voluntary Cleanup Program (VCP).

Ecology determinations regarding prior proposed or completed investigation and cleanup activities at the Property are documented in the following opinion letters:

- 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 March 11, 2014, from Maureen Sanchez, Ecology

Toxics Cleanup Program, to Kurt Fisher, Endolyne Gardens, LLC (March 2014 Opinion Letter);

- 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 Maureen Sanchez, Ecology Toxics Cleanup Program, to Steve Lazoff, Endolyne Gardens, LLC (October 2014 Opinion Letter); 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 August 18, 2015, from Maureen Sanchez, Ecology Toxics Cleanup Program, to Steve Lazoff, Endolyne Gardens, LLC (August 2015 Opinion Letter).

According to the March 2014 Opinion Letter, the October 2014 Opinion Letter, and the August 2015 Opinion Letter, Ecology requires data to evaluate current conditions, adequacy of prior cleanup actions, and nature and extent of petroleum-related constituents detected in soil and groundwater samples collected at the Property to assess whether conditions are protective of human health and the environment.

This letter provides a summary of the data collected during two phases of limited subsurface investigation conducted on January 26 and 27, 2015 and on March 8 and 15, 2016. The second phase of limited subsurface investigation conducted in March 2016 included the installation of monitoring wells, and focused on evaluating the flow direction of the shallowest groundwater stratum at the Property and on further evaluation of the nature and extent of petroleum-related constituents in soil and groundwater proximate to the former USTs. Subsurface investigations conducted in January 2015 and March 2016 were intended to satisfy requirements for a remedial investigation per WAC 173-340-350(7) as these pertain to general facility information and characterization of conditions related to the MTCA site, defined in MTCA as those areas where hazardous substances deposited, disposed of, or placed on the Property have come to be located.

Results of work conducted previously at the Property are summarized in 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 Marc McGinnis, Geotech Consultants, to 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 Marc McGinnis and 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 Scope of Work, Limited Soil Investigation, Endolyne Garden Apartments, 9212 45th Avenue Southwest, Seattle, Washington dated June 21, 2014, from Farallon to Maureen Sanchez, Ecology VCP;
- Letter regarding Limited Subsurface Investigation—Summary of Results, Endolyne Garden Apartments, 9212 45th Avenue Southwest, Seattle, Washington dated May 1, 2015, from Farallon to Maureen Sanchez, Ecology VCP (Limited Subsurface Investigation Report); and
- Table 1, *Data Gaps and Proposed Activities*, and supporting Figure 1, *Property Plan*, prepared by Farallon and submitted to Maureen Sanchez, Ecology VCP, on May 18, 2015.

While the results of prior work conducted by others at the Property are not summarized herein, these results were used to plan for subsurface investigations conducted to date by Farallon on behalf of Endolyne, as summarized in the sections below.

Ecology site identification information is provided below for reference:

Site Name: 45th Avenue Southwest Apartments, also known as Endolyne Garden Apartments
Facility/Site: 71883959
Cleanup Site: 10264
VCP: NW2809

## RESULTS OF SUBSURFACE INVESTIGATION

Limited subsurface investigation work conducted in January 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 due to their proximity to the locations of the former USTs (Figure 1). 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.

Supplemental subsurface investigation work conducted in March 2016 included installing three monitoring wells proximate to and down-gradient of former USTs (Figure 1). Soil and groundwater samples collected during the work enabled further evaluation of the nature and extent of petroleum-related constituents detected in soil and reconnaissance groundwater samples collected in January 2015, and of the groundwater flow direction.

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 |

## HYDROGEOLOGIC CONDITIONS

Soil encountered during the drilling program was generally silt or silty sand. Groundwater was encountered at depths of between approximately 6 and 8 feet below ground surface (bgs) and based on groundwater elevation measurements made on March 15, 2016, groundwater flows toward the northeast at a gradient of approximately 0.03 foot per foot under unconfined conditions (Table 1; Figure 2). Fauntleroy Creek, piped beneath the northern end of the Property, runs freely in a northeast-adjoining ravine at an elevation approximately 20 feet bgs at the Property. Boring logs are provided in Attachment A.

## SOIL ANALYTICAL TESTING (JANUARY 2015 AND MARCH 2016)

Twenty soil samples were collected in January 2015 from borings B1 through B11 at depths of between 2.5 and 15.5 feet bgs. In March 2016, an additional six soil samples were collected from the borings advanced for installation of monitoring wells at depths of between 4.5 and 14 feet bgs. Soil samples were analyzed for a range of constituents that could be present as a result of the USTs formerly in-place at the Property or operations formerly conducted at the Property, and per MTCA Table 830-1, *Required Testing for Petroleum Releases*, 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[1], 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 deeper soil sample collected from boring B3 at a depth of approximately 15.5 feet bgs.

None of the other constituents analyzed for was detected at concentrations exceeding MTCA Method A cleanup levels in the other 24 soil samples collected from other borings advanced during the subsurface investigation. Laboratory analytical reports are provided in Attachment B. Analytical results for soil samples are shown on Figure 2, and are summarized in Tables 2 through 7.

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; and were non-detect in the soil sample collected from this location at a depth of 15.5 feet bgs;
- GRO was detected at a concentration of 10 mg/kg in the soil sample collected from monitoring well FMW-01 at a depth of 10 feet bgs;
- ORO was detected at concentrations of 310, 260, and 1,200 mg/kg in soil samples collected from borings B11, FMW-02, and FMW-03 at depths of 11, 8.3, and 4 feet bgs, respectively;
- 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; and
- Tetrachloroethene (PCE) 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 (JANUARY 2015)**

As part of the limited subsurface investigation conducted in January 2015, 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. The reconnaissance groundwater samples were analyzed for a range of constituents that could be present as a result of the USTs formerly in-place at the Property or operations formerly conducted at the Property, and per MTCA Table 830-1, *Required Testing for Petroleum Releases*, 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;

[1] Benzene was not detected in any soil sample collected during the subsurface investigations, but was detected in the reconnaissance groundwater sample collected from boring B3. Therefore, the GRO concentration was compared to the more stringent 30 mg/kg criterion as opposed to the 100 mg/kg criterion used if benzene were not present.

- 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 (µg/l) in reconnaissance groundwater samples collected from borings B3 and B4, respectively, proximate to UST 3 and which exceed the MTCA Method A cleanup level of 800 µg/l. Benzene was detected at concentrations of 18 and 5.9 µg/l in reconnaissance groundwater samples collected from borings B3 and B4, respectively, which exceed the MTCA Method A cleanup level of 5 µg/l.

Total lead was detected at a concentration of 1,300 µg/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 8 through 13, and are shown on Figure 4.

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

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

**GROUNDWATER ANALYTICAL TESTING (MARCH 2016)**

As part of the additional subsurface investigation, groundwater samples were collected from monitoring wells FMW-01, FMW-02, and FMW-03 constructed proximate to UST 3, boring B-11, and UST 2, respectively. Groundwater samples were tested for a range of constituents based on previous soil and reconnaissance groundwater test results, for constituents that could be present

as a result of releases from the former USTs at the Property or operations formerly conducted at the Property, and per MTCA Table 830-1, *Required Testing for Petroleum Releases*, 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;
- HVOCs using EPA Method 8260C.

Total lead was detected at a concentration of 23 µg/l, which exceeds the MTCA Method A cleanup level for groundwater of 15 µg/l, in the groundwater sample collected from monitoring well FMW-01. Dissolved lead was detected at a concentration of 1.4 µg/l in the groundwater sample collected from monitoring well FMW-01. Analytical results for the groundwater samples are summarized in Tables 14 through 18, and are shown on Figure 5.

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

- Naphthalene was detected at a concentration of 0.17 µg/l, near the laboratory practical quantitation limit, in the groundwater sample collected from monitoring well FMW-01;
- Total lead was detected at a concentration of 2.7 µg/l in the groundwater sample collected from monitoring well FMW-02; and
- Low concentrations of multiple cPAHs were detected near the laboratory practical quantitation limit in groundwater samples collected from monitoring wells FMW-02 and FMW-03.

DRO, ORO, GRO, BTEX, and HVOCs were all reported non-detect at the laboratory practical quantitation limit for groundwater samples collected from monitoring wells FMW-01, FMW-02, and FMW-03.

## SUMMARY

Based on soil and groundwater data collected to date, the presumed source of detected petroleum-related constituents in shallow soil and groundwater at the Property is the former gas station and automotive repair operations on the Property, reportedly occurring from prior to 1940 until 1989, and the associated former USTs and possibly surface spillage associated with operations and dispensing of petroleum products. Petroleum-related constituents have affected shallow soil and groundwater at the Property. The shallowest water was encountered at depths between 6 and 8 feet bgs in silt and silty sand under unconfined conditions. Groundwater flow in March 2016 was

measured to be toward the north/northeast at a gradient of approximately 0.03 foot per foot and at a level above the elevation of the northeast-adjacent Fauntleroy Creek.

A range of petroleum-related constituents were detected in soil, reconnaissance groundwater, and groundwater samples collected from the Property:

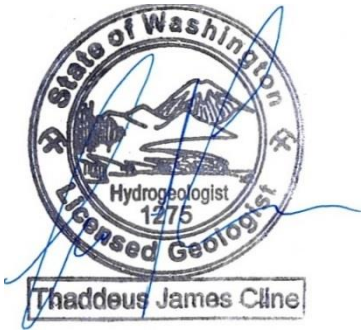
- GRO and BTEX constituents were detected in soil samples collected north of UST 3 and in all four reconnaissance groundwater samples collected north, west, and south of UST 3 and east of UST 2; however, GRO and BTEX constituents were not detected in groundwater samples collected from the monitoring wells.
- ORO was detected in soil samples collected on the northern portion of the Property and east of UST 2, but not in the single reconnaissance groundwater sample analyzed for ORO and not in any of the three groundwater samples collected from monitoring wells.
- Naphthalene was detected in a reconnaissance groundwater sample collected east of UST 2 and near the practical quantitation limit in a groundwater sample collected from a monitoring well north of UST 1. Naphthalene was non-detect in a soil sample collected east of UST 2, where the reconnaissance groundwater sample was collected.
- Total lead was detected in two reconnaissance groundwater samples, one collected west of UST 3 and one east of UST 2. Total lead was also detected in two groundwater samples, one collected north of UST 3 and one on the northern portion of the Property. Dissolved lead was detected at a low concentration in one groundwater sample collected north of UST 3, and was non-detect in the other two groundwater samples collected from monitoring wells and in one reconnaissance groundwater sample collected east of UST 2.
- Low concentrations of multiple cPAHs were detected near the laboratory practical quantitation limit in groundwater samples collected from one monitoring well east of UST 2 and one monitoring well on the northern portion of the Property.
- PCE was detected near the laboratory practical quantitation limit in one soil sample collected east of UST 2, but not in the reconnaissance groundwater sample collected from this location or in any of the three groundwater samples collected from monitoring wells.

For purposes of comparing analytical data to conservative criteria, detected concentrations were compared to MTCA Method A cleanup levels. MTCA Method A cleanup levels are intended to provide cleanup levels for sites undergoing routine cleanup actions or for sites with relatively few hazardous substances. MTCA Method A groundwater cleanup levels are conservative cleanup levels for drinking water beneficial use. MTCA Method A soil cleanup levels are conservative cleanup levels for sites qualifying for an exclusion from conducting a simplified or site-specific terrestrial ecological evaluation or when it can be demonstrated that MTCA Method A soil cleanup levels are ecologically protective for the site pursuant to WAC 173-340-7491 through 7493.

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.**




Eric Buer, L.G., L.HG.
Project Hydrogeologist

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

Attachments: Figure 1, *Property Plan*
Figure 2, *Groundwater Elevations and Flow Direction*
Figure 3, *Petroleum Concentrations in Soil Samples*
Figure 4, *Petroleum Concentrations in Reconnaissance Groundwater Samples*
Figure 5, *Petroleum Concentrations in Groundwater Samples*
Table 1, *Groundwater Elevations*
Table 2, *Laboratory Analytical Results for Soil Samples – TPH and BTEX*
Table 3, *Laboratory Analytical Results for Soil Samples – EDB, EDC, MTBE, and Naphthalene*
Table 4, *Laboratory Analytical Results for Soil Samples – Lead*
Table 5, *Laboratory Analytical Results for Soil Samples – cPAHs*
Table 6, *Laboratory Analytical Results for Soil Samples – PCBs*
Table 7, *Laboratory Analytical Results for Soil Samples – HVOCs*
Table 8, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – TPH and BTEX*
Table 9, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – EDB, EDC, MTBE, and Naphthalene*
Table 10, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – Lead*
Table 11, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – cPAHs*
Table 12, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – PCBs*
Table 13, *Laboratory Analytical Results for Reconnaissance Groundwater Samples – HVOCs*

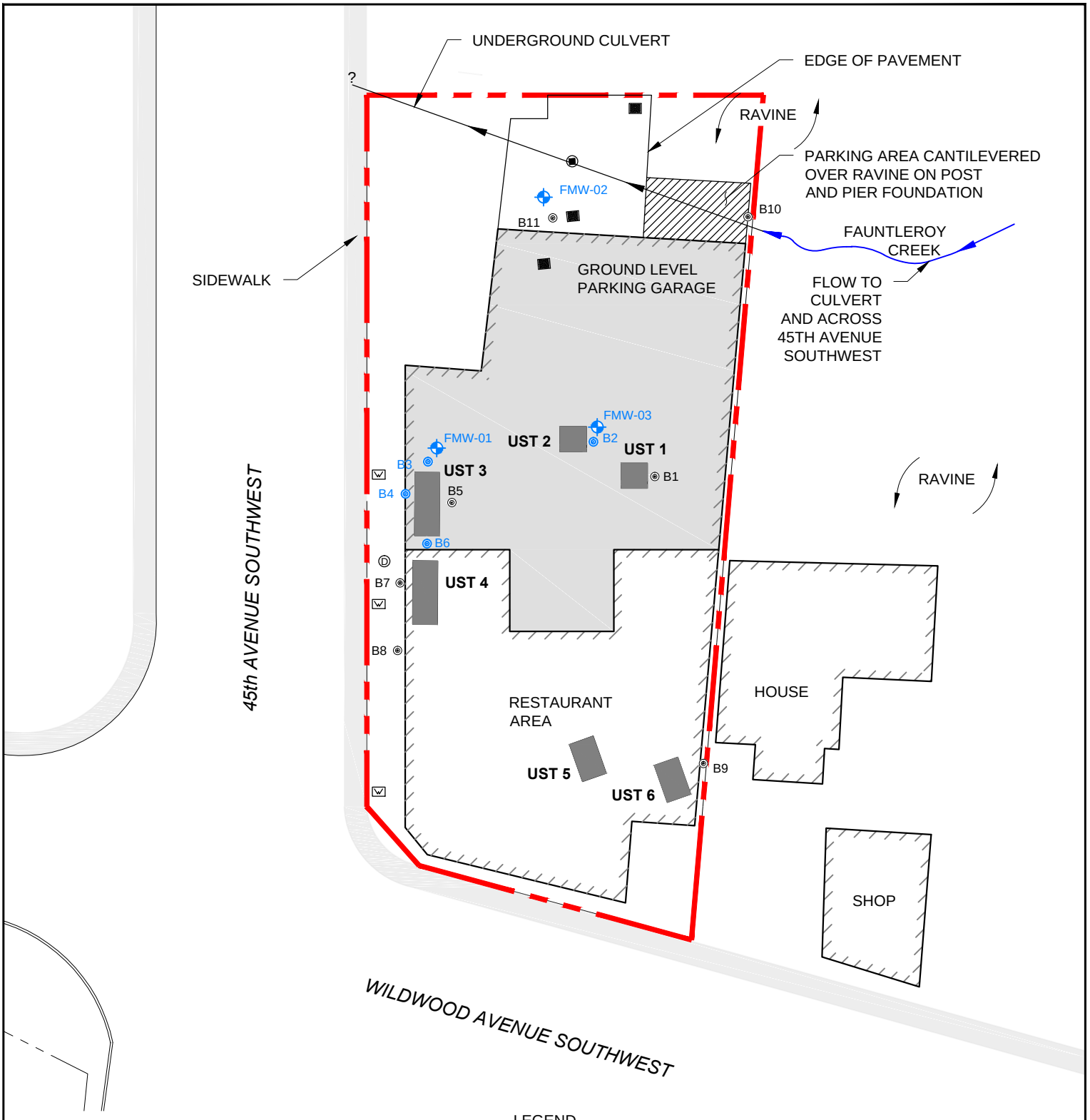
Table 14, *Laboratory Analytical Results for Groundwater Samples – TPH and BTEX*
Table 15, *Laboratory Analytical Results for Groundwater Samples – EDB, EDC, MTBE, and Naphthalene*
Table 16, *Laboratory Analytical Results for Groundwater Samples – Lead*
Table 17, *Laboratory Analytical Results for Groundwater Samples – cPAHs*
Table 18, *Laboratory Analytical Results for Groundwater Samples – HVOCs*
Attachment A, Boring Logs
Attachment B, Laboratory Analytical Reports

EB/TC:mm

# FIGURES

LIMITED SUBSURFACE INVESTIGATION
SUMMARY OF RESULTS
Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington

Farallon PN: 1295-001




LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- FMW-01 MONITORING WELL LOCATION
- CATCH BASIN
- MANHOLE
- WATER METER
- D DRAIN
- B3 BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- B11 SOIL BORING LOCATION
- ALL LOCATIONS ARE APPROXIMATE
- FORMER UNDERGROUND STORAGE TANK
- PARKING GARAGE

0 30
SCALE IN FEET

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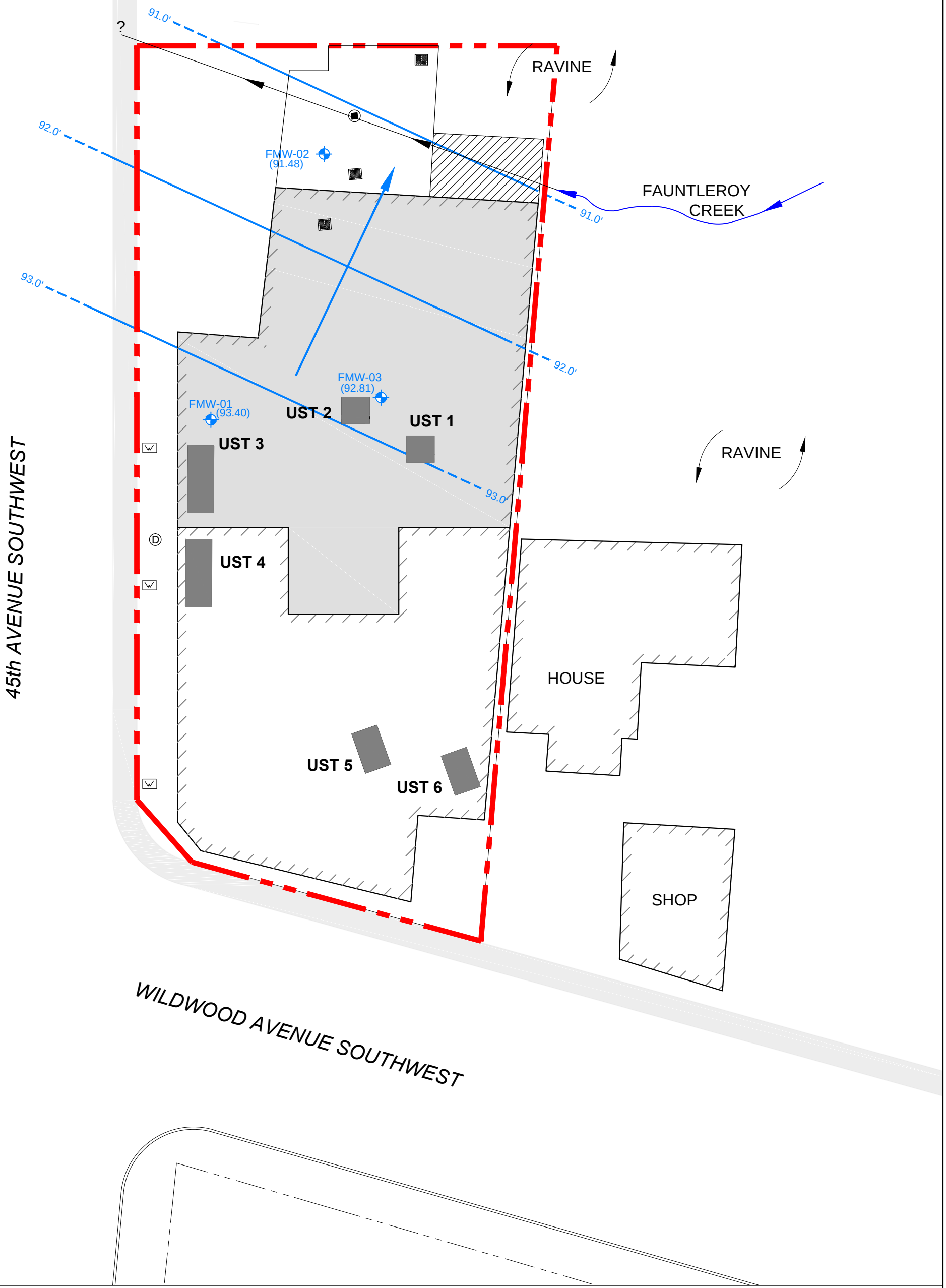
# FIGURE 1

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

FARALLON PN: 1295-001

Drawn By: DJR | Checked By: EB | Date: 4/28/2016 | Disk Reference: 1295-001.dwg




LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- FMW-01 MONITORING WELL
- DRAIN
- PARKING GARAGE

ALL LOCATIONS ARE APPROXIMATE

- CATCH BASIN
- MANHOLE
- WATER METER
- FORMER UNDERGROUND STORAGE TANK

- 91.0' GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW
- (92.81) GROUNDWATER ELEVATION IN FEET ABOVE PROPERTY SPECIFIC ARBITRARY DATUM (MARCH 15, 2016)

0 20
SCALE IN FEET

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# FIGURE 2

GROUNDWATER ELEVATIONS AND FLOW DIRECTION
ENDOLYNE GARDEN APARTMENTS
9212 45TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON

FARALLON PN: 1295-001

Drawn By: DJR Checked By: EB Date: 4/28/2016 Disk Reference: 1295-001.dwg

| FMW-02 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 3/8/2016 | 8.3 | <31 | 260 | <6.4 | **<0.020** | <0.064 | <0.064 | <0.064 |
| 3/8/2016 | 14 | <29 | <58 | <5.8 | **<0.020** | <0.058 | <0.058 | <0.058 |

| B11 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/27/2015 | 11 | <30 | 310 | <6.0 | <0.020 | <0.060 | <0.060 | <0.060 |

| B10 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/27/2015 | 1.5 | <30 | <60 | — | — | — | — | — |

| FMW-01 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 3/8/2016 | 4.5 | — | — | <7.0 | <0.020 | <0.070 | <0.070 | <0.070 |
| 3/8/2016 | 8.5 | — | — | 10 | <0.020 | <0.063 | <0.063 | <0.063 |

| B3 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/26/2015 | 11.5 | — | — | **63** | <0.020 | <0.070 | 0.12 | 0.13 |
| 1/26/2015 | 15.5 | — | — | <7.0 | <0.020 | <0.070 | <0.070 | <0.070 |

| FMW-03 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 3/8/2016 | 4 | <170 | 1,200 | — | — | — | — | — |
| 3/8/2016 | 9 | <30 | <61 | <7.1 | <0.020 | <0.071 | <0.071 | <0.071 |

| B2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/26/2015 | 6.0 | <33 | <66 | — | — | — | — | — |
| 1/26/2015 | 9.5 | <29 | <58 | — | — | — | — | — |

| B5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/26/2015 | 5.0 | — | — | <5.6 | <0.020 | <0.056 | <0.056 | <0.056 |
| 1/26/2015 | 7.0 | — | — | <5.4 | <0.020 | <0.054 | <0.054 | <0.054 |

| B1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/26/2015 | 3.0 | <28 | <56 | — | — | — | — | — |
| 1/26/2015 | 4.0 | <30 | <59 | — | — | — | — | — |

| B4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/26/2015 | 9.5 | — | — | <7.0 | <0.020 | <0.070 | <0.070 | <0.070 |
| 1/26/2015 | 12.0 | — | — | <6.1 | <0.020 | <0.061 | <0.061 | <0.061 |

| B6 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/27/2015 | 2.5 | — | — | <5.0 | <0.020 | <0.050 | <0.050 | <0.050 |
| 1/27/2015 | 5 | — | — | **<6.2** | **<0.020** | <0.062 | <0.062 | <0.062 |
| 1/27/2015 | 8 | — | — | <5.7 | <0.020 | <0.057 | <0.057 | <0.057 |

| B7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/27/2015 | 5.0 | — | — | <6.4 | <0.020 | <0.064 | <0.064 | <0.064 |
| 1/27/2015 | 8.0 | — | — | <6.8 | <0.020 | <0.068 | <0.068 | <0.068 |

| B8 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/27/2015 | 5.5 | — | — | <6.3 | <0.020 | <0.063 | <0.063 | <0.063 |

| B9 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DATE | DEPTH (FEET bgs) | DRO | ORO | GRO | B | T | E | X |
| 1/27/2015 | 5.0 | — | — | <6.6 | <0.020 | <0.066 | <0.066 | <0.066 |
| 1/27/2015 | 7.5 | — | — | <6.6 | <0.020 | <0.066 | <0.066 | <0.066 |

RAVINE

FAUNTLEROY CREEK

RAVINE

SHOP

45th AVENUE SOUTHWEST

WILDWOOD AVENUE SOUTHWEST

FMW-02 B11 B10 FMW-01 B3 FMW-03 B2 B5 B1 B4 B6 B7 B8 B9

UST 1 UST 2 UST 3 UST 4 UST 5 UST 6

LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- B3 — BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- B1 — SOIL BORING LOCATION
- FMW-01 — MONITORING WELL
- CATCH BASIN
- MANHOLE
- WATER METER
- FORMER UNDERGROUND STORAGE TANK
- Ⓓ DRAIN
- PARKING GARAGE

ALL SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)

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

< = ANALYTE NOT DETECTED AT OR ABOVE THE LABORATORY PRACTICAL QUANTITATION LIMIT

--- = NOT ANALYZED

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

ALL LOCATIONS ARE APPROXIMATE

0 20

SCALE IN FEET

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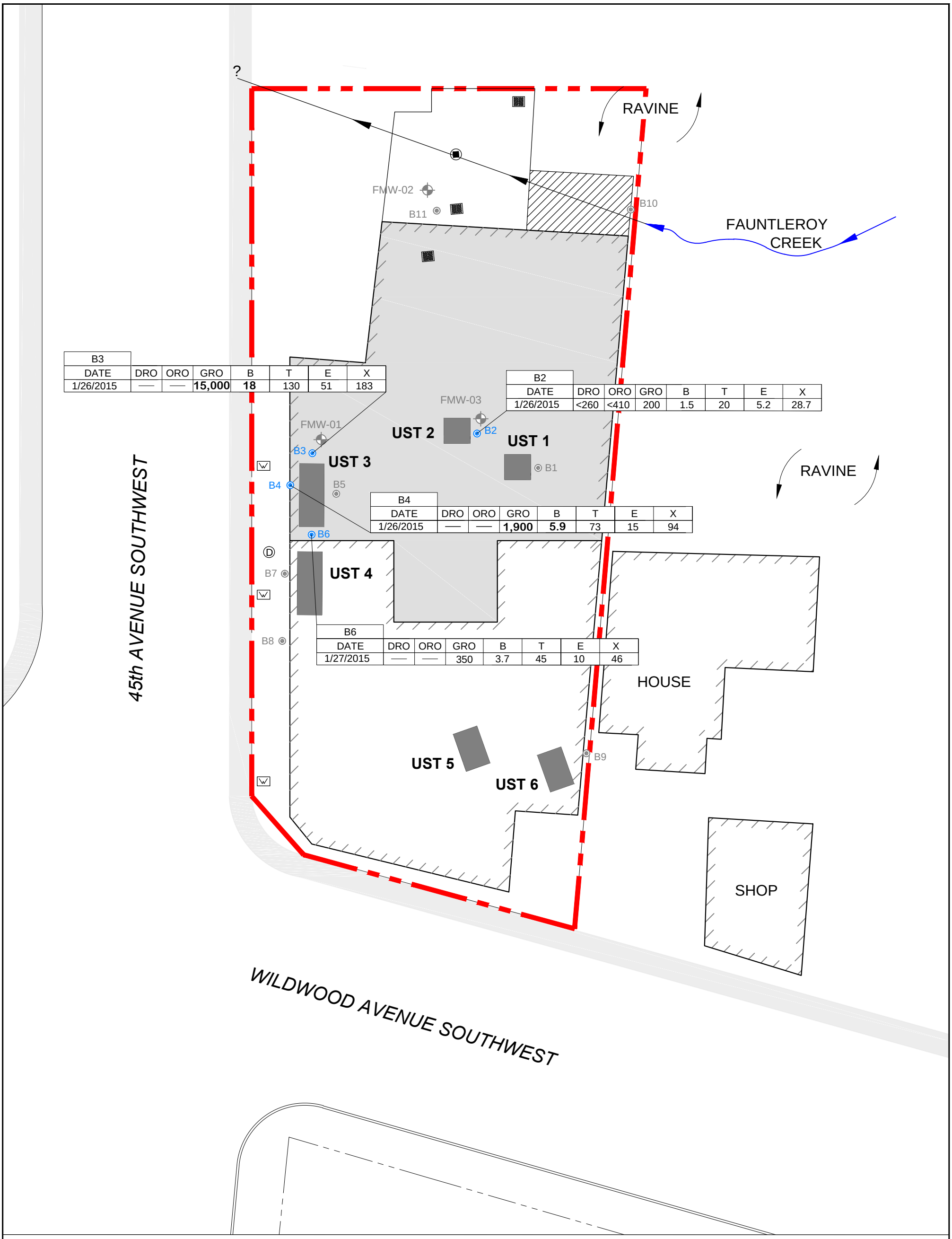
# FIGURE 3

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

FARALLON PN: 1295-001

Drawn By: DJR Checked By: EB Date: 4/28/2016 Disk Reference: 1295-001.dwg




LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- B3 — BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- B1 — SOIL BORING LOCATION
- FMW-01 — MONITORING WELL
- CATCH BASIN
- MANHOLE
- WATER METER
- FORMER UNDERGROUND STORAGE TANK
- Ⓓ DRAIN
- PARKING GARAGE

ALL GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)

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

< = ANALYTE NOT DETECTED AT OR ABOVE THE LABORATORY PRACTICAL QUANTITATION LIMIT

--- = NOT ANALYZED

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

ALL LOCATIONS ARE APPROXIMATE

0 20

SCALE IN FEET

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California
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# FIGURE 4

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

FARALLON PN: 1295-001

Drawn By: DJR | Checked By: DEW | Date: 4/28/2016 | Disk Reference: 1295-001.dwg

| FMW-02 | | | | | | | |
|---|---|---|---|---|---|---|---|
| DATE | DRO | ORO | GRO | B | T | E | X |
| 3/15/2016 | <260 | <420 | <100 | <1.0 | <1.0 | <1.0 | <2.0 |

| FMW-01 | | | | | | | |
|---|---|---|---|---|---|---|---|
| DATE | DRO | ORO | GRO | B | T | E | X |
| 3/15/2016 | <280 | <450 | <100 | <1.0 | <1.0 | <1.0 | <2.0 |

| FMW-03 | | | | | | | |
|---|---|---|---|---|---|---|---|
| DATE | DRO | ORO | GRO | B | T | E | X |
| 3/15/2016 | <260 | <410 | <100 | <1.0 | <1.0 | <1.0 | <2.0 |

?

RAVINE

FMW-02

B11

B10

FAUNTLEROY CREEK

FMW-01

FMW-03

UST 2

B2

UST 1

B1

B3

UST 3

B4

B5

B6

RAVINE

45th AVENUE SOUTHWEST

Ⓓ

B7

UST 4

B8

HOUSE

UST 5

UST 6

B9

SHOP

WILDWOOD AVENUE SOUTHWEST

LEGEND

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- B3 — BORING LOCATION WITH RECONNAISSANCE GROUNDWATER SAMPLE
- B11 — SOIL BORING LOCATION
- FMW-01 — MONITORING WELL
- CATCH BASIN
- MANHOLE
- WATER METER
- FORMER UNDERGROUND STORAGE TANK
- Ⓓ DRAIN
- PARKING GARAGE

ALL GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)

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

< = ANALYTE NOT DETECTED AT OR ABOVE THE LABORATORY PRACTICAL QUANTITATION LIMIT

--- = NOT ANALYZED

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

ALL LOCATIONS ARE APPROXIMATE

0 20

SCALE IN FEET

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Oregon
Portland | Bend | Baker City

California
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# FIGURE 5

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

FARALLON PN: 1295-001

Drawn By: DJR Checked By: DEW Date: 4/28/2016 Disk Reference: 1295-001.dwg

# TABLES

LIMITED SUBSURFACE INVESTIGATION
SUMMARY OF RESULTS
Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington

Farallon PN: 1295-001

**Table 1**
**Groundwater Elevations**
**Endolyne Garden Apartments**
**Seattle, Washington**
**Farallon PN: 1295-001**

| Location | Date Measured | Well Depth (feet)[2] | Well Head Elevation (feet)[1] | Depth to Water (feet)[2] | Groundwater Elevation (feet)[1] |
|---|---|---|---|---|---|
| FMW-01 | 3/15/2016 | 9.4 | 100 | 6.6 | 93.40 |
| FMW-02 | 3/15/2016 | 14.9 | 99.79 | 8.31 | 91.48 |
| FMW-03 | 3/15/2016 | 10.4 | 99.73 | 6.92 | 92.81 |

NOTES:
[1] Elevations based on an arbitrary 100-foot datum established at the Site.
[2] In feet below top of well casing.

Farallon = Farallon Consulting, L.L.C.

# Table 2
# 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 | 1/26/2015 | < 28 | < 56 | — | — | — | — | — |
| | B1-4.0 | 4.0 | 1/26/2015 | < 30 | < 59 | — | — | — | — | — |
| B2 | B2-6.0 | 6.0 | 1/26/2015 | < 33 | < 66 | — | — | — | — | — |
| | B2-9.5 | 9.5 | 1/26/2015 | < 29 | < 58 | — | — | — | — | — |
| B3 | B3-11.5 | 11.5 | 1/26/2015 | — | — | **63** | < 0.020 | < 0.070 | 0.12 | 0.13 |
| | B3-15.5 | 15.5 | 1/26/2015 | — | — | < 7.0 | < 0.020 | < 0.070 | < 0.070 | <0.07 |
| B4 | B4-9.5 | 9.5 | 1/26/2015 | — | — | < 7.0 | < 0.020 | < 0.070 | < 0.070 | <0.07 |
| | B4-12.0 | 12.0 | 1/26/2015 | — | — | < 6.1 | < 0.020 | < 0.061 | < 0.061 | <0.061 |
| B5 | B5-5.0 | 5.0 | 1/26/2015 | — | — | < 5.6 | < 0.020 | < 0.056 | < 0.056 | <0.056 |
| | B5-7.0 | 7.0 | 1/26/2015 | — | — | < 5.4 | < 0.020 | < 0.054 | < 0.054 | <0.054 |
| B6 | B6-2.5 | 2.5 | 1/27/2015 | — | — | <5.0 | < 0.020 | < 0.050 | < 0.050 | <0.050 |
| | B6-8.5 | 8.5 | 1/27/2015 | — | — | < 6.2 | < 0.020 | < 0.062 | < 0.062 | <0.062 |
| | B6-11.5 | 11.5 | 1/27/2015 | — | — | < 5.7 | < 0.020 | < 0.057 | < 0.057 | <0.057 |
| B7 | B7-5.0 | 5.0 | 1/27/2015 | — | — | < 6.4 | < 0.020 | < 0.064 | < 0.064 | <0.064 |
| | B7-8.0 | 8.0 | 1/27/2015 | — | — | < 6.8 | < 0.020 | < 0.068 | < 0.068 | <0.068 |
| B8 | B8-5.5 | 5.5 | 1/27/2015 | — | — | < 6.3 | < 0.020 | < 0.063 | < 0.063 | <0.063 |
| B9 | B9-5.0 | 5.0 | 1/27/2015 | — | — | < 6.6 | < 0.020 | < 0.066 | < 0.066 | <0.066 |
| | B9-7.5 | 7.5 | 1/27/2015 | — | — | < 6.6 | < 0.020 | < 0.066 | < 0.066 | <0.066 |
| B10 | B10-1.5 | 1.5 | 1/26/2015 | < 30 | < 60 | — | — | — | — | — |
| B11 | B11-11.0 | 11.0 | 1/26/2015 | < 30 | 310 | < 6.0 | < 0.020 | < 0.060 | < 0.060 | < 0.060 |
| FMW-01 | MW1-4.5-030816 | 4.5 | 3/8/2016 | — | — | < 7.0 | < 0.020 | < 0.070 | < 0.070 | < 0.070 |
| | MW1-8.5-030816 | 8.5 | 3/8/2016 | — | — | 10 | < 0.020 | < 0.063 | < 0.063 | < 0.063 |
| FMW-02 | MW2-8.3-030816 | 8.3 | 3/8/2016 | < 31 | 260 | < 6.4 | < 0.020 | < 0.064 | < 0.064 | < 0.064 |
| | MW2-14.0-030816 | 14 | 3/8/2016 | < 29 | < 58 | < 5.8 | < 0.020 | < 0.058 | < 0.058 | < 0.058 |
| FMW-03 | MW3-4.0-030816 | 4 | 3/8/2016 | < 170 | 1,200 | — | — | — | — | --- |
| | MW3-9.0-030816 | 9 | 3/8/2016 | < 30 | < 61 | < 7.1 | < 0.020 | < 0.071 | < 0.071 | < 0.071 |
| **MTCA Method A Cleanup Levels for Soil[5]** | | | | **2,000** | **2,000** | **30/100 [6]** | **0.03** | **7** | **6** | **9** |

NOTES:

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

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

-- denotes sample was not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by Northwest Method NWTPH-Dx.

[3]Analyzed by Northwest Method NWTPH-Gx.

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

[5]Washington 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.

[6] The 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 1 percent of the gasoline mixture. For all other mixtures, the MTCA Method A cleanup level for GRO in soil is 30 milligrams per kilogram.

´Ortho-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 3
# 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 Soil[4]** | | | | **0.005** | **11[5]** | **0.1** | **5** |

NOTES:

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

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

— denotes sample not analyzed.

[1]Depth in feet below ground surface.

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

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

[4]Washington 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.

[5]Washington 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 4**
**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 Soil[3]** | | | | **250** |

NOTES:

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

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

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 6010C.

[3]Washington 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 5
# 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** | | | | **1.37[5]** | **0.1[6]** | **1.37[5]** | **13.7[5]** | **137[5]** | **0.137[5]** | **1.37[5]** | **0.1[6]** |

NOTES:

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

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

cPAH = carcinogenic polycyclic aromatic hydrocarbon

[1]Depth in feet below ground surface.

[2]Analyzed by U.S.. Environmental Protection Agency 8270D/SIM (low-level).

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

[4]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate total cPAHs.

[5]Washington State Department of Ecology Cleanup Levels and Risk Calculations under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA), 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

[6]Washington State Model Toxics Control Act Cleanup Regulation 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 6**
**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 Soil [4]** | | | | **14.3[5]** | **NA** | **NA** | **NA** | **NA** | **0.5[5]** | **0.5[5]** | **1** |

NOTES:

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

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

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8082A.

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

[4]Washington 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.

[5]Washington 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 7
# 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** | | | | **0.05**[3] | **0.03**[3] | **160**[4] | **1,600**[4] | **240**[4] |

NOTES:

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

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

HVOCs = halogenated volatile organic compounds

[1]Depth in feet below ground surface.

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

[3]Washington 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.

[4]Washington 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

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

# Table 8
# 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 | < 260 | < 410 | 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 Groundwater[4]** | | | **500** | **500** | **800** [5] | **5** | **1,000** | **700** | **1,000** |

NOTES:

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

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

— denotes sample not analyzed.

[1]Analyzed by Northwest Method NWTPH-Dx.

[2]Analyzed by Northwest Method NWTPH-Gx.

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

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

[5]For 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.

[6]Ortho-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 9**
**Laboratory Analytical Results for Reconaissance 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 Groundwater[4]** | | | **0.01** | **5** | **20** | **160** |

NOTES:

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

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

— denotes sample not analyzed.

[1]Analyzed by U.S. Environmental Protection Agency (EPA) Method 8011.

[2]Analyzed by EPA Method 8260C.

[3]Analyzed by EPA Method 8270D/SIM.

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

# Table 10
# 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 Groundwater[2]** | | | **15** | |

NOTES:

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

NA = not available

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

– denotes sample not analyzed.

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

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

# Table 11
# 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] | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 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[2,3] |
| 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** | | | **0.12[5]** | **0.1[5]** | **0.12[4]** | **1.2[4]** | **12[4]** | **0.012[4]** | **0.12[4]** | **0.1[4]** |

NOTES:

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

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

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

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

[2]Total cPAHs derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

[3]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate total cPAHs.

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

[5]Washington 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

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

| Sample Location | Sample 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** | | | **1.12[3]** | **NA** | **NA** | **NA** | **NA** | **0.32[3]** | **0.048[4]** | **0.1[5]** |

NOTES:

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

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

NA = not analyzed

PCBs = polychlorinated biphenyls

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

[2]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the total PCBs.

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

[4]Washington 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

[5]Washington 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 13
# 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** | | | **5[2]** | **5[2]** | **16[3]** | **160[3]** | **0.2[2]** |

NOTES:

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

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

HVOCs = halogenated volatile organic compounds

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

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

[3]Washington 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

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

# Table 14
# Laboratory Analytical Results for 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] |
| FMW-01 | 3/15/2016 | MW-1-031516 | < 280 | < 450 | < 100 | < 1.0 | < 1.0 | < 1.0 | < 2.0 |
| FMW-02 | 3/15/2016 | MW-2-031516 | < 260 | < 420 | < 100 | < 1.0 | < 1.0 | < 1.0 | < 2.0 |
| FMW-03 | 3/15/2016 | MW-3-031516 | < 260 | < 410 | < 100 | < 1.0 | < 1.0 | < 1.0 | < 2.0 |
| **MTCA Method A Cleanup Level for Groundwater[3]** | | | **500** | **500** | **800/1,000 [4]** | **5** | **1,000** | **700** | **1,000** |

NOTES:

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

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

— denotes sample not analyzed.

[1]Analyzed by Northwest Method NWTPH-Dx.

[2]Analyzed by Northwest Method NWTPH-Gx.

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

[4]For 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.

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 15
# 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] |
| FMW-01 | 3/15/2016 | MW-1-031516 | < 0.0098 | < 0.20 | < 0.20 | 0.17 |
| FMW-02 | 3/15/2016 | MW-2-031516 | < 0.0097 | < 0.20 | < 0.20 | < 0.10 |
| FMW-03 | 3/15/2016 | MW-3-031516 | < 0.0096 | < 0.20 | < 0.20 | < 0.096 |
| **MTCA Method A Cleanup Level for Groundwater[4]** | | | **0.01** | **5** | **20** | **160** |

NOTES:

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

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

– denotes sample not analyzed.

[1]Analyzed by U.S. Environmental Protection Agency (EPA) Method 8011.

[2]Analyzed by EPA Method 8260C.

[3]Analyzed by EPA Method 8270D/SIM.

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

# Table 16
# Laboratory Analytical Results for 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 |
| FMW-01 | 3/15/2016 | MW-1-031516 | **23** | 1.4 |
| FMW-02 | 3/15/2016 | MW-2-031516 | 2.7 | < 1.0 |
| FMW-03 | 3/15/2016 | MW-3-031516 | < 1.0 | < 1.0 |
| **MTCA Method A Cleanup Level for Groundwater[2]** | | | **15** | |

NOTES:

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

NA = not available

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

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

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

# Table 17
# Laboratory Analytical Results for Groundwater Samples – cPAHs
# Endolyne Garden Apartments
# Seattle, Washington
# Farallon PN: 1295-001

| Sample Location | Sample Date | Sample Identification | Analytical Results (micrograms per liter)[1] | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 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[2,3] |
| FMW-01 | 3/15/2016 | MW-1-031516 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 | 0.008 |
| FMW-02 | 3/15/2016 | MW-2-031516 | 0.037 | 0.030 | 0.044 | 0.013 | 0.041 | < 0.010 | 0.017 | 0.042 |
| FMW-03 | 3/15/2016 | MW-3-031516 | 0.014 | < 0.0096 | 0.010 | < 0.0096 | < 0.0096 | < 0.0096 | < 0.0096 | 0.009 |
| **Cleanup Levels for Groundwater** | | | **0.12[4]** | **0.1[4]** | **0.12[5]** | **1.2[5]** | **12[5]** | **0.012[5]** | **0.12[5]** | **0.1[5]** |

NOTES:

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

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

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

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

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

[3]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate total cPAHs.

[4]Washington 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

# Table 18
# Laboratory Analytical Results for 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 |
| FMW-01 | 3/15/2016 | MW-1-031516 | < 0.20 | < 0.20 | < 0.20 | < 0.20 | < 0.20 |
| FMW-02 | 3/15/2016 | MW-2-031516 | < 0.20 | < 0.20 | < 0.20 | < 0.20 | < 0.20 |
| FMW-03 | 3/15/2016 | MW-3-031516 | < 0.20 | < 0.20 | < 0.20 | < 0.20 | < 0.20 |
| **MTCA Method A Cleanup Level for Groundwater** | | | **5[2]** | **5[2]** | **16[3]** | **160[3]** | **0.2[2]** |

NOTES:

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

HVOCs = halogenated volatile organic compounds

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

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

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

[3]Washington 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

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

# ATTACHMENT A
# BORING LOGS

LIMITED SUBSURFACE INVESTIGATION
SUMMARY OF RESULTS
Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington

Farallon PN: 1295-001

FARALLON CONSULTING

# Log of Boring: B1



**Client:** Endolyne Apartments LLC
**Project:** Endolyne Garden Apartments
**Location:** Seattle, WA
**Farallon PN:** 1295-001
**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1130 | **Sampler Type:** | 2' macrocore |
| **Date/Time Completed:** | 1/26/15 @ 1205 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | 4.1' |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 6.0' |
| **Drilling Foreman:** | Richard Bates | **Total Well Depth (ft bgs):** | NA |
| **Drilling Method:** | Direct-push | | |

| Depth (feet bgs.) | Sample Interval | Lithologic Description | USCS | % Recovery | Blow Counts 8/8/8 | PID (ppm) | Sample ID | Sample Analyzed |
|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.6': Concrete (100% concrete), white. | CO | | | | | |
| | | 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 |
| | | 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 |
| 5 | | 4.3-6.0:' No Recovery | | 5 | NA | | | |

**Boring/Well Construction Details:** Concrete; Bentonite; ⧖ Water Level

## 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 |

FARALLON CONSULTING

# Log of Boring: B2



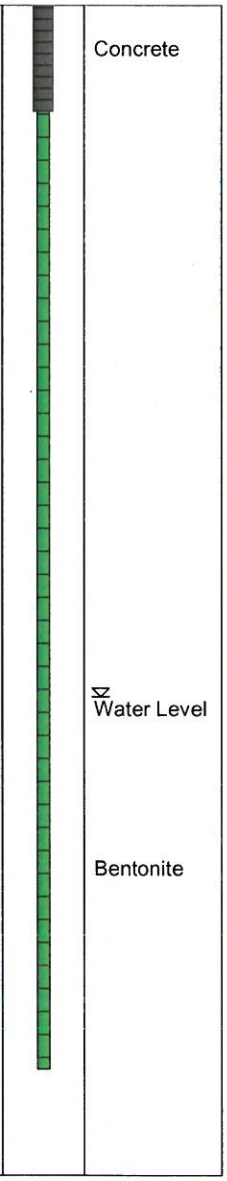
**Client:** Endolyne Apartments LLC
**Project:** Endolyne Garden Apartments
**Location:** Seattle, WA

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1210 | **Sampler Type:** | 2' macrocore |
| **Date/Time Completed:** | 1/26/15 @ 1320 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | 6.5' |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 10.0' |
| **Drilling Foreman:** | Richard Bates | **Total Well Depth (ft bgs):** | NA |
| **Drilling Method:** | Direct-push | | |

| Depth (feet bgs.) | Sample Interval | Lithologic Description | USCS | % Recovery | Blow Counts 8/8/8 | PID (ppm) | Sample ID | Sample Analyzed |
|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.3': Concrete (100% concrete), white. | CO | | | | | |
| | | 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 | | | | 65 | NA | | | |
| | | 5.3-6.0:' No Recovery | | | | | | |
| | | 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 | 75 | NA | | | |
| | | 7.5-8.0:' No Recovery | | | | | | |
| | | 8.0-8.5': SILT (100% silt), grey, wet, no odor, no sheen. | ML | | | | | |
| | | 8.5-10.0': Silty SAND (80% sand, 20% silt), fine to medium sand, brown, wet, no odor, no sheen. | SM | 100 | NA | | B2-012615-GW | X |
| | | | | | | 0.2 | B2-9.5 | X |
| 10 | | | | | | | | |




## 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 |

FARALLON CONSULTING

# Log of Boring: B3



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1455 | **Sampler Type:** | 4' macrocore |
| **Date/Time Completed:** | 1/26/15 @ 1605 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | 12.0' |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 16.0' |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.6': Beauty Bark (100% bark), brown. | WD | | | | | | | Silty SAND |
| | | 0.6-3.3': Silty SAND (80% sand, 20% silt), fine to medium sand, tan, moist, no odor, no sheen. | SM | | 80 | NA | 0.2 | B3-3.0 | | |
| | | 3.3-4.0:' No Recovery | | | | | | | | |
| 5 | | 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 | 0.2 | B3-6.5 | | |
| | | 6.9-8.0:' No Recovery | | | 80 | | | | | |
| | | 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 | | |
| | | | ML | | | | | | | |
| 10 | | 8.6-9.6': SILT (100% silt), grey, moist, no odor, no sheen. | SM | | 100 | NA | | | | Bentonite |
| | | 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-feet bgs, petroleum-like odor, no sheen. | | | | | 23.6 | B3-11.5 | X | ▽ Water Level |
| | | 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 | | | | | | | |
| | | | ML | | | | | B3-012615-GW | X | |
| | | 12.6-16.0': SILT (100% silt), grey with orange mottling @ 15-feet bgs, moist, no odor, no sheen. | | | 100 | NA | | | | |
| 15 | | | | | | | 0.4 | B3-15.5 | 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):** | NA | **Annular Seal:** | NA | **Surveyed Location:** | **X:** NA |
| **Screened Interval (ft bgs):** | 10 to 15' | **Boring Abandonment:** | Bentonite | | **Y:** NA |

FARALLON CONSULTING

# Log of Boring: B4



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1610 | **Sampler Type:** | 4' macrocore |
| **Date/Time Completed:** | 1/26/15 @ 1725 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | 9.5' |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 12.0' |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.6': Beauty Bark (100% bark), brown. | WD | | | | | | | Silty SAND |
| | | 0.6-0.8': Silty SAND (70% sand, 30% silt), fine to medium sand, tan, moist, no odor, no sheen. | SM | | | | | | | |
| | | 0.8-4.0:' No Recovery | | | <5 | NA | 0.6 | | | |
| 5 | | 4.0-7.2': Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen. | SM | | 80 | NA | 2.1 | B4-6.5 | | Bentonite |
| | | 7.2-8.0:' No Recovery | | | | | | | | |
| | | 8.0-9.0': SILT (100% silt), brown, moist, no odor, no sheen. | ML | | | | | | | |
| 10 | | 9.0-10.5': Silty SAND with gravel (65% sand, 15% silt, 20% gravel), fine to medium sand, fine to coarse gravel, brown, moist to wet @ 9.5-feet bgs, no odor, no sheen. | SM | | 100 | NA | 1.4 | B4-9.5 | X | ▽ Water Level |
| | | 10.5-12.0': SILT (100% silt), grey, moist, no odor, no sheen. | ML | | | | | B4-012615-GW | X | |
| | | | | | | | 0.2 | B4-12.0 | 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):** | NA | **Annular Seal:** | NA | **Surveyed Location:** | **X:** NA |
| **Screened Interval (ft bgs):** | 7 to 12' | **Boring Abandonment:** | Bentonite | | **Y:** NA |

FARALLON CONSULTING

# Log of Boring: B5



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1330 | **Sampler Type:** | 2' macrocore |
| **Date/Time Completed:** | 1/26/15 @ 1405 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | NE |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 8.0' |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | |
| 5 | | 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 | | | | | | | | Bentonite |
| | | 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 | |
| | | 7.3-8.0:' No Recovery | | | | | | | | |

## Well Construction Information

**Monument Type:** NA
**Casing Diameter (inches):** NA
**Screen Slot Size (inches):** NA
**Screened Interval (ft bgs):** NA

**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

FARALLON CONSULTING

# Log of Boring: B6



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/27/15 @ 0930 | **Sampler Type:** | 4' macrocore |
| **Date/Time Completed:** | 1/27/15 @ 1010 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | 9.0' |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 12.0' |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.3': Beauty Bark (100% bark), brown. | WD | | | | | | | Silty SAND |
| | | 0.3-0.7': 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. | SM / PG | | | | | | | |
| | | 0.7-0.9': Pea-GRAVEL Fill (100% pea-gravel), coarse gravel, fine to coarse gravel, grey, moist, no odor, no sheen. | SM | | 75 | NA | | | | |
| | | 0.9-3.1': Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen. | | | | | 1.2 | B6-2.5 | X | |
| | | 3.1-4.0:' No Recovery | | | | | | | | |
| | | 4.0-5.1': Sandy SILT (60% silt, 40% sand), fine to medium sand, brown, moist, no odor, no sheen. | ML | | | | | | | |
| 5 | | 5.1-6.1': Silty SAND (80% sand, 20% silt), fine to coarse sand, brown, moist, no odor, no sheen. | SM | | | | | | | |
| | | 6.1-6.8': SILT (95% silt, 5% sand), fine sand, brown, slight wet, no odor, no sheen. | ML | | 85 | NA | 1.0 | B6-6.5 | | Bentonite |
| | | 6.8-8.0:' No Recovery | | | | | | | | |
| | | 8.0-8.5': Silty SAND (80% sand, 20% silt), fine sand, brown, slight wet, no odor, no sheen. | SM | | | | 0.8 | B6-8.5 | X | |
| | | 8.5-9.8': Silty SAND with gravel (60% sand, 25% silt, 15% gravel), fine to medium sand, fine to coarse gravel, brown, wet, no odor, no sheen. | SM | | | | | | | Water Level |
| 10 | | 9.8-12.0': SILT (100% silt), grey, moist, no odor, no sheen. | ML | | 100 | NA | | B6-012715-GW | X | |
| | | | | | | | | B6-11.5 | X | |
| | | | | | | | 0.3 | | | |

## 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 |

FARALLON CONSULTING

# Log of Boring: B7



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/27/15 @ 1015 | **Sampler Type:** | 2' macrocore |
| **Date/Time Completed:** | 1/27/15 @ 1055 | **Drive Hammer (lbs.):** | Rotohammer |
| **Equipment:** | Push probe | **Depth of Water ATD (ft bgs):** | NE |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 10.0' |
| **Drilling Foreman:** | Richard Bates | **Total Well Depth (ft bgs):** | NA |
| **Drilling Method:** | Direct-push | | |

| Depth (feet bgs.) | Sample Interval | Lithologic Description | USCS | % Recovery | Blow Counts 8/8/8 | PID (ppm) | Sample ID | Sample Analyzed |
|---|---|---|---|---|---|---|---|---|
| 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, tan, moist, no odor, no sheen. Subround grey gravel. | SM | | | | | |
| | | 0.9-4.0': Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen. | SM | 100 | NA | 0.3 | B7-2.0 | |
| 5 | | 4.0-5.4': Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen. | SM | 65 | NA | 0.2 | B7-5.0 | X |
| | | 5.4-6.0:' No Recovery | | | | | | |
| | | 6.0-6.3': Silty SAND (70% sand, 30% silt), fine to medium sand, brown, moist, no odor, no sheen. | SM | | | 0.5 | B7-6.0 | |
| | | 6.3-8.0:' No Recovery | | 15 | NA | | | |
| | | 8.0-8.4': Sandy SILT (60% silt, 40% sand), fine sand, grey, moist, no odor, no sheen. | ML | | | 0.3 | B7-8.0 | X |
| | | 8.4-10.0:' No Recovery | | 20 | NA | | | |
| 10 | | | | | | | | |

**Boring/Well Construction Details:** Silty SAND; 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 |

FARALLON CONSULTING

# Log of Boring: B8



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/27/15 @ 1100 | **Sampler Type:** | Hand auger |
| **Date/Time Completed:** | 1/27/15 @ 1120 | **Drive Hammer (lbs.):** | NA |
| **Equipment:** | Hand auger | **Depth of Water ATD (ft bgs):** | NE |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 6.0' |
| **Drilling Foreman:** | Richard Bates | **Total Well Depth (ft bgs):** | NA |
| **Drilling Method:** | Hand auger | | |

| 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 |
| | | | | | | | 0.4 | B8-2.0 | | |
| | | | | | 100 | NA | | | | Bentonite |
| 5 | | | | | | | 0.3 | B8-5.0 | | |
| | | | | | | | 0.2 | B8-5.5 | 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):** | NA | **Annular Seal:** | NA | **Surveyed Location:** | **X:** NA |
| **Screened Interval (ft bgs):** | NA | **Boring Abandonment:** | Bentonite | | **Y:** NA |

FARALLON CONSULTING

# Log of Boring: B9



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/27/15 @ 1140 | **Sampler Type:** | 2' macrocore |
| **Date/Time Completed:** | 1/27/15 @ 1215 | **Drive Hammer (lbs.):** | Rotohammer |
| **Equipment:** | Push probe | **Depth of Water ATD (ft bgs):** | NE |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 8.0' |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | Bentonite |
| | | | | | 100 | NA | | | | |
| | | | | | | | 0.0 | B9-7.5 | X | |
| | | 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 |

FARALLON CONSULTING

# Log of Boring: B10



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1020 | **Sampler Type:** | Hand auger |
| **Date/Time Completed:** | 1/26/15 @ 1035 | **Drive Hammer (lbs.):** | NA |
| **Equipment:** | Hand Auger | **Depth of Water ATD (ft bgs):** | NE |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 1.5" |
| **Drilling Foreman:** | Richard Bates | **Total Well Depth (ft bgs):** | NA |
| **Drilling Method:** | NA | | |

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

FARALLON CONSULTING

# Log of Boring: B11



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

**Farallon PN:** 1295-001

**Logged By:** Ken Scott

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 1/26/15 @ 1415 | **Sampler Type:** | 4' macrocore |
| **Date/Time Completed:** | 1/26/15 @ 1445 | **Drive Hammer (lbs.):** | Autohammer |
| **Equipment:** | Kubota 9600P | **Depth of Water ATD (ft bgs):** | NE |
| **Drilling Company:** | ESN Drilling | **Total Boring Depth (ft bgs):** | 12.0' |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 1.0 | B11-3.0 | | |
| | | 3.2-4.0:' No Recovery | | | | | | | | |
| 5 | | 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 | | | 15 | NA | | | | |
| | | 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 | | | | Bentonite |
| 10 | | 11.1-12.0:' No Recovery | | | | | 0.1 | B11-11.0 | 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):** | NA | **Annular Seal:** | NA | **Surveyed Location:** | **X:** NA |
| **Screened Interval (ft bgs):** | NA | **Boring Abandonment:** | Bentonite | | **Y:** NA |

# Log of Boring: FMW-1



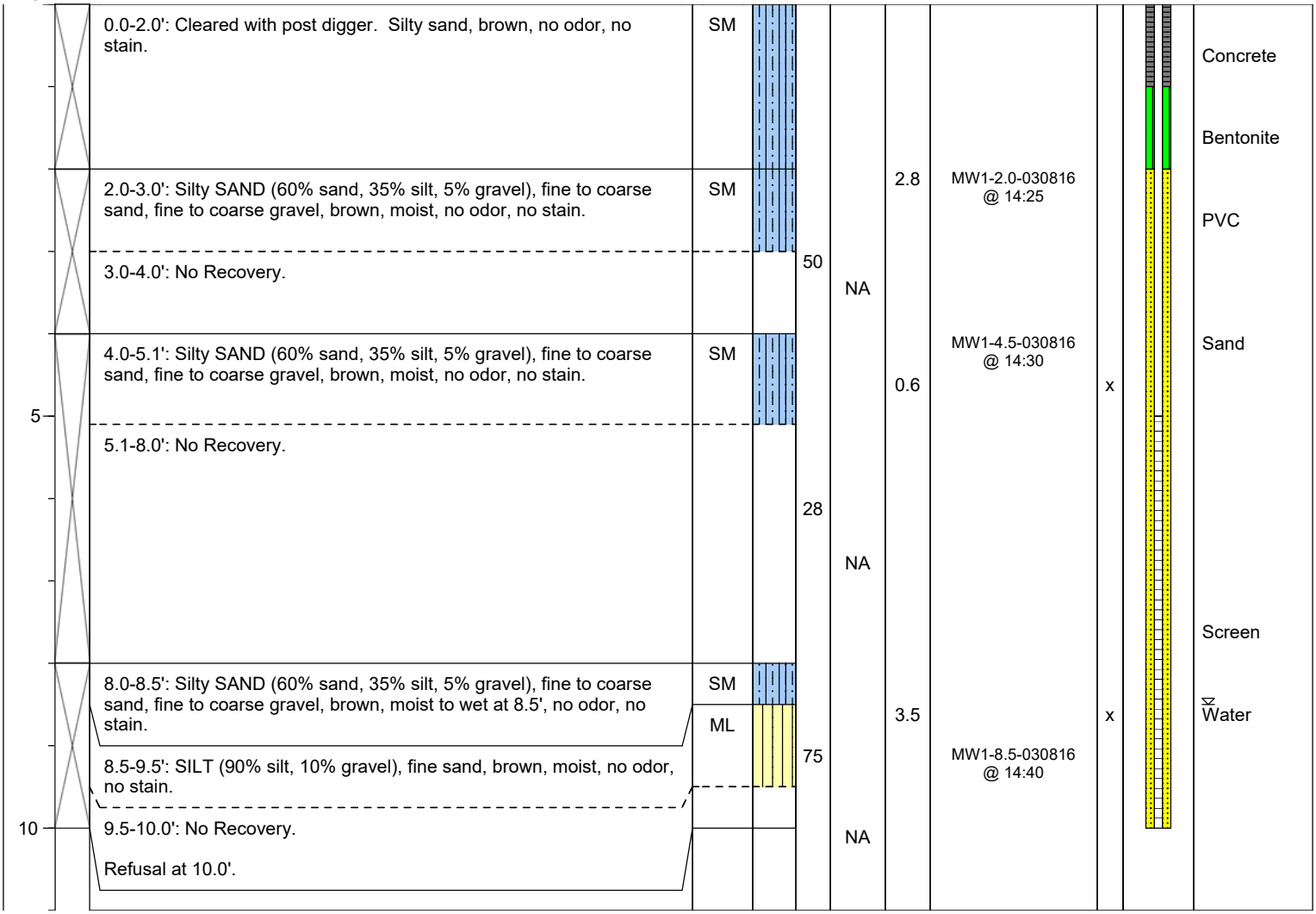
**Client:** Mr. Steve Lazoff
**Project:** Endolyne Gardens
**Location:** 9212 45th Avenue Southwest

**Farallon PN:** 1295-001

**Logged By:** A. Sigel

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 3/8/2016 @ 14:20 | **Sampler Type:** | 2' and 4' Macrocores |
| **Date/Time Completed:** | 3/8/2016 @ 14:45 | **Drive Hammer (lbs.):** | Auto |
| **Equipment:** | LA 302 | **Depth of Water ATD (ft bgs):** | 8.5 |
| **Drilling Company:** | ESN | **Total Boring Depth (ft bgs):** | 10 |
| **Drilling Foreman:** | Rich Bates | **Total Well Depth (ft bgs):** | 10 |
| **Drilling Method:** | Direct Push | | |

| Depth (feet bgs.) | Sample Interval | Lithologic Description | USCS | % Recovery | Blow Counts 8/8/8 | PID (ppm) | Sample ID | Sample Analyzed |
|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-2.0': Cleared with post digger. Silty sand, brown, no odor, no stain. | SM | | | | | |
| | | 2.0-3.0': Silty SAND (60% sand, 35% silt, 5% gravel), fine to coarse sand, fine to coarse gravel, brown, moist, no odor, no stain. | SM | | | 2.8 | MW1-2.0-030816 @ 14:25 | |
| | | 3.0-4.0': No Recovery. | | 50 | NA | | | |
| | | 4.0-5.1': Silty SAND (60% sand, 35% silt, 5% gravel), fine to coarse sand, fine to coarse gravel, brown, moist, no odor, no stain. | SM | | | 0.6 | MW1-4.5-030816 @ 14:30 | x |
| 5 | | 5.1-8.0': No Recovery. | | 28 | NA | | | |
| | | 8.0-8.5': Silty SAND (60% sand, 35% silt, 5% gravel), fine to coarse sand, fine to coarse gravel, brown, moist to wet at 8.5', no odor, no stain. | SM | | | 3.5 | | x |
| | | 8.5-9.5': SILT (90% silt, 10% gravel), fine sand, brown, moist, no odor, no stain. | ML | 75 | | | MW1-8.5-030816 @ 14:40 | |
| 10 | | 9.5-10.0': No Recovery. Refusal at 10.0'. | | | NA | | | |




## Well Construction Information

| | | | | | |
|---|---|---|---|---|---|
| **Monument Type:** | Flush Mount | **Filter Pack:** | Silicon Sand 10-20 | **Ground Surface Elevation (ft):** | NA |
| **Casing Diameter (inches):** | 0.75" | **Surface Seal:** | Concrete | **Top of Casing Elevation (ft):** | NA |
| **Screen Slot Size (inches):** | 0.010 | **Annular Seal:** | Bentonite | **Surveyed Location:** | **X:** |
| **Screened Interval (ft bgs):** | 5' - 10' | **Boring Abandonment:** | NA | | **Y:** |

# Log of Boring: FMW-2



**Client:** Mr. Steve Lazoff
**Project:** Endolyne Gardens
**Location:** 9212 45th Avenue Southwest

**Farallon PN:** 1295-001

**Logged By:** A. Sigel

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 3/8/2016 @ 09:55 | **Sampler Type:** | 2' and 4' Macrocores |
| **Date/Time Completed:** | 3/8/2016 @ 10:45 | **Drive Hammer (lbs.):** | Auto |
| **Equipment:** | LA 302 | **Depth of Water ATD (ft bgs):** | 8.3 |
| **Drilling Company:** | ESN | **Total Boring Depth (ft bgs):** | 16.0 |
| **Drilling Foreman:** | Rich Bates | **Total Well Depth (ft bgs):** | 15.0 |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-2.0': Cleared with post digger. Sandy silt, brown, moist, no odor, no stain. | ML | | | | | | | Concrete |
| | | 2.0-3.0': Silty SAND (60% sand, 35% silt, 5% gravel), medium sand, fine to medium gravel, brown, moist, no stain, no odor. | SM | | | | | | | Bentonite |
| | | 3.0-3.3': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine to coarse gravel, dark brown, moist, no odor, no stain. | SW-SM | | 65 | | 0.3 | Screen-3.5 | | PVC |
| | | 3.3-4.0': No Recovery. | SM | | | | 1.0 | MW2-4.5-030816 @ 10:00 | | |
| 5 | | 4.0-4.9': Silty SAND with gravel (50% sand, 30% silt, 20% gravel), fine to coarse sand, fine to coarse gravel, brown, moist, no odor, no stain. | | | | NA | | | | |
| | | 4.9-8.0': No Recovery. | | | 23 | | | | | Sand |
| | | 8.0-9.9': Sandy SILT (70% silt, 30% sand), fine sand, brown to grey at 9.3', moist to wet at 8.3' then back to moist at 8.7', no odor, no stain. | ML | | | | 0.4 | MW2-8.3-030816 @ 10:10 | x | ▽ Water |
| 10 | | 9.9-12.0': No Recovery. | | | 46 | NA | | | | Screen |
| | | 12.0-14.5': Sandy SILT (80% silt, 20% sand), fine sand, green-grey, moist, no odor, no stain. | ML | | | | 2.8 | MW2-14.0-030816 @ 10:20 | x | |
| 15 | | 14.5-16.0': No Recovery. | | | 63 | NA | | | | |

## Well Construction Information

| | | | | | |
|---|---|---|---|---|---|
| **Monument Type:** | Flush Mount | **Filter Pack:** | Silicon Sand 10-20 | **Ground Surface Elevation (ft):** | NA |
| **Casing Diameter (inches):** | 0.75" | **Surface Seal:** | Concrete | **Top of Casing Elevation (ft):** | NA |
| **Screen Slot Size (inches):** | 0.010 | **Annular Seal:** | Bentonite | **Surveyed Location:** | **X:** |
| **Screened Interval (ft bgs):** | 5' - 15' | **Boring Abandonment:** | NA | | **Y:** |

# Log of Boring: FMW-3



**Client:** Mr. Steve Lazoff
**Project:** Endolyne Gardens
**Location:** 9212 45th Avenue Southwest
**Farallon PN:** 1295-001
**Logged By:** A. Sigel

| | | | |
|---|---|---|---|
| **Date/Time Started:** | 3/8/2016 @ 11:05 | **Sampler Type:** | 2' and 4' Macrocores |
| **Date/Time Completed:** | 3/8/2016 @ 13:45 | **Drive Hammer (lbs.):** | Auto |
| **Equipment:** | LA 302 | **Depth of Water ATD (ft bgs):** | 9.1 |
| **Drilling Company:** | ESN | **Total Boring Depth (ft bgs):** | 11.0 |
| **Drilling Foreman:** | Rich Bates | **Total Well Depth (ft bgs):** | 11.0 |
| **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-2.0': Cleared with post digger. Sandy silt, brown, moist, no odor, no stain. | ML | | | | | | | Concrete |
| | | 2.0-2.7': Sandy SILT (70% silt, 30% sand), fine sand, brown, moist, no odor, no stain. | ML | | | | 0.9 | MW3-2.0-030816 @ 11:25 | | PVC |
| | | 2.7-4.0': No Recovery. | | | 35 | NA | | | | Bentonite |
| | | 4.0-4.6': Sandy SILT (60% silt, 40% sand), fine sand, brown, moist, no odor, no stain. | ML | | | | 2.9 | MW3-4.0-030816 @ 13:25 | x | |
| 5 | | 4.6-8.0': No Recovery. | | | 15 | NA | | | | |
| | | 8.0-8.2': SILT (90% silt, 10% sand), fine sand, brown, moist, no odor, no stain. | ML | | | | | | | Screen |
| | | 8.2-9.3': Sandy SILT (60% silt, 30% sand, 10% gravel), fine to medium sand, fine to coarse gravel, moist to wet at 9.1' back to moist at 9.3', no odor, no stain. | ML | | 73 | NA | 1.0 | MW3-9.0-030816 @ 13:55 | x | ▽ Water |
| 10 | | 9.3-10.0': SILT (90% silt, 10% sand), fine sand, brown, moist, no odor, no stain. | ML | | | | | | | Sand |
| | | 10.0-11.0': No Recovery<br>Refusal at 11.0'. | | | | | | | | |

## Well Construction Information

| | | | | | |
|---|---|---|---|---|---|
| **Monument Type:** | Flush Mount | **Filter Pack:** | Silicon Sand 10-20 | **Ground Surface Elevation (ft):** | NA |
| **Casing Diameter (inches):** | 0.75" | **Surface Seal:** | Concrete | **Top of Casing Elevation (ft):** | NA |
| **Screen Slot Size (inches):** | 0.010 | **Annular Seal:** | Bentonite | **Surveyed Location:** | **X:** |
| **Screened Interval (ft bgs):** | 6'-11' | **Boring Abandonment:** | NA | | **Y:** |

# ATTACHMENT B
# LABORATORY ANALYTICAL REPORTS

LIMITED SUBSURFACE INVESTIGATION
SUMMARY OF RESULTS
Endolyne Garden Apartments
9212 45th Avenue Southwest
Seattle, Washington

Farallon PN: 1295-001

OnSite Environmental Inc.

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,

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *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:** | **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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *97* | *68-123* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *o-Terphenyl* | | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *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 | NA | X1 |
| Lube Oil Range | **ND** | **ND** | NA | NA | | NA | | NA | NA | NA | X1 |
| *Surrogate:* | | | | | | | | | | | |
| *o-Terphenyl* | | | | | | *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
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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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *114* | *76-131* | | | | |
| *Toluene-d8* | *110* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *104* | *79-126* | | | | |

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**
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| 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 | |
| 1,1,2,2-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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *115* | *76-131* | | | | |
| *Toluene-d8* | *112* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *97* | *79-126* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *115* | *76-131* | | | | |
| *Toluene-d8* | *123* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *114* | *79-126* | | | | |

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**
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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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *119* | *76-131* | | | | |
| *Toluene-d8* | *112* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *104* | *79-126* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *121* | *76-131* | | | | |
| *Toluene-d8* | *115* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *107* | *79-126* | | | | |

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 Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| *Surrogate:* | | | | | | | | | | |
| *Dibromofluoromethane* | | | | | *108* | *113* | *76-131* | | | |
| *Toluene-d8* | | | | | *104* | *106* | *82-129* | | | |
| *4-Bromofluorobenzene* | | | | | *96* | *98* | *79-126* | | | |

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 Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| *Surrogate:* | | | | | | | | | | |
| *Dibromofluoromethane* | | | | | *108* | *114* | *76-131* | | | |
| *Toluene-d8* | | | | | *106* | *107* | *82-129* | | | |
| *4-Bromofluorobenzene* | | | | | *95* | *100* | *79-126* | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *101* | *79-122* | | | | |
| *Toluene-d8* | *103* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *98* | *80-120* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *95* | *79-122* | | | | |
| *Toluene-d8* | *97* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *94* | *80-120* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *105* | *79-122* | | | | |
| *Toluene-d8* | *101* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *99* | *80-120* | | | | |

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 Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| *Surrogate:* | | | | | | | | | | |
| *Dibromofluoromethane* | | | | | *99* | *105* | *79-122* | | | |
| *Toluene-d8* | | | | | *98* | *99* | *80-120* | | | |
| *4-Bromofluorobenzene* | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *78* | *32 - 114* | | | | |
| *Pyrene-d10* | *67* | *33 - 121* | | | | |
| *Terphenyl-d14* | *67* | *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: 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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *74* | *32 - 114* | | | | |
| *Pyrene-d10* | *68* | *33 - 121* | | | | |
| *Terphenyl-d14* | *63* | *31 - 116* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *102* | *32 - 114* | | | | |
| *Pyrene-d10* | *88* | *33 - 121* | | | | |
| *Terphenyl-d14* | *77* | *31 - 116* | | | | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|
| **SPIKE BLANKS** | | | | | | | | | | |
| Laboratory ID: | SB0130S1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| 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 | |
| *Surrogate:* | | | | | | | | | | |
| *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *78* | *39 - 109* | | | | |
| *Pyrene-d10* | *85* | *53 - 131* | | | | |
| *Terphenyl-d14* | *95* | *44 - 104* | | | | |

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 Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| *Surrogate:* | | | | | | | | | | |
| *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *DCB* | *84* | *55-140* | | | | |
| **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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *DCB* | *89* | *55-140* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *DCB* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *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 |

OnSite Environmental Inc.

**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-napthalene) 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

# Chain of Custody

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



Company: FARALLON
Project Number: 1295-001
Project Name: ENDOLYNE 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 | | | | X | | | | | | | | | | | | | | | | | | X |
| 3 | B1-1.0 | | 1140 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 4 | B1-3.0 | | 1150 | S | 5 | | | | X | | | | | | | | | | | | | | | | | | X |
| 5 | B1-4.0 | | 1200 | S | 5 | | | | X | | X | | X | X | | | | | | | | | | | | | X |
| 6 | B2-2.5 | | 1220 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 7 | B2-4.5 | | 1230 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 8 | B2-6.0 | | 1240 | S | 5 | | | | X | | X | | X | X | | | | | | | | | | | | | X |
| 9 | B2-9.5 | | 1250 | S | 5 | | | | X | | | | | | | | | | | | | | | | | | X |
| 10 | B2-012615-GW | | 1300 | W | 10 | X | | | X | | X | | X | X | | | | | | | | | X | X | X | X | |

| | Signature | Company | Date | Time |
|---|---|---|---|---|
| Relinquished | Ken Smith | FARALLON | 1/26/15 | 1800 |
| Received | [illegible] | OnSite ENV | 1/27/15 | 1210 |
| Relinquished | | | | |
| Received | | | | |
| Relinquished | | | | |
| Received | | | | |
| Reviewed/Date | | Reviewed/Date | | |

**Comments/Special Instructions**
Hold sample, will call w analysis. Dissolved metal sample for B2 was not field filtered. Please filter ASAP.
X Added 1/28/15. DB (STA)

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐
Electronic Data Deliverables (EDDs) ☐ _____

# Chain of Custody



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

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:** 01-183

| 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 | | MTBE, EDC, EDB 8260 | ~~EDB 8011~~ DB | % Moisture |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | B5-1.0 | 1/26/15 | 1335 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | B5-3.0 | | 1345 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | B5-5.0 | | 1355 | S | 5 | | X | | | | | | | | | | | | | | | | | | | | X |
| 14 | B5-7.0 | | 1405 | S | 5 | | X | | | | | | | | | | | | | | | | | | | | X |
| 15 | B11-3.0 | | 1420 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | B11-11.0 | | 1435 | S | 5 | | X | | X | | | | | | | | | | | | | | | | | | X |
| 17 | B3-3.0 | | 1500 | S | 2 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | B3-6.5 | | 1510 | S | 2 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | B3-8.5 | | 1520 | S | 2 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | B3-11.5 | | 1530 | S | 2 | | X | | | | | | | | | | | | | | | | X | | X | X | X |

| | Signature | Company | Date | Time |
|---|---|---|---|---|
| Relinquished | Ken Scott | FARALLON | 1/26/15 | 1800 |
| Received | [illegible] | OnSite Env | 1/27/15 | 1210 |
| Relinquished | | | | |
| Received | | | | |
| Relinquished | | | | |
| Received | | | | |

**Comments/Special Instructions**
see page #1

Reviewed/Date
Reviewed/Date
Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐
Electronic Data Deliverables (EDDs) ☐ _____

# Chain of Custody



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

Company: FARALLON
Project Number: 1295-001
Project Name: Endolyne 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 | MTBE, EDC 8260 | EDB 8011 | | | % Moisture |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | B3-15.5 | 1/26/15 | 1540 | S | 2 | | X | | | | | | | | | | | | | | | | | | | | X |
| 22 | B3-012615-GW | | 1555 | W | ~~3~~ 5 | | X | | | | | | | | | | | | | | | | X | X | | | |
| 23 | B4-6.5 | | 1615 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 24 | B4-9.5 | | 1625 | S | 5 | | X | | | | | | | | | | | | | | | | | | | | X |
| 25 | B4-12.0 | | 1630 | S | 5 | | X | | | | | | | | | | | | | | | | | | | | X |
| 26 | B4-012615-GW | | 1635 | W | ~~4~~ 5 | | X | | | | | | | | | | | | | | | X | | | | | |

| | Signature | Company | Date | Time |
|---|---|---|---|---|
| Relinquished | Ken Smith | FARALLON | 1/26/15 | 1800 |
| Received | | OnSite Env. | 1/27/15 | 1210 |
| Relinquished | | | | |
| Received | | | | |
| Relinquished | | | | |
| Received | | | | |

**Comments/Special Instructions:** SEE PAGE #1

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

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,

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *101* | *106* | *68-123* | | | |
| 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 | |
| *Surrogate:* | | | | | | | | | | | |
| *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *91* | *71-113* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *116* | *76-131* | | | | |
| *Toluene-d8* | *111* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *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: 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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *123* | *76-131* | | | | |
| *Toluene-d8* | *119* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *108* | *79-126* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *121* | *76-131* | | | | |
| *Toluene-d8* | *115* | *82-129* | | | | |
| *4-Bromofluorobenzene* | *107* | *79-126* | | | | |

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 Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| *Surrogate:* | | | | | | | | | | |
| *Dibromofluoromethane* | | | | | *108* | *114* | *76-131* | | | |
| *Toluene-d8* | | | | | *106* | *107* | *82-129* | | | |
| *4-Bromofluorobenzene* | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *105* | *79-122* | | | | |
| *Toluene-d8* | *101* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *101* | *80-120* | | | | |

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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *106* | *79-122* | | | | |
| *Toluene-d8* | *100* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *100* | *80-120* | | | | |

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 Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |
| *Surrogate:* | | | | | | | | | | |
| *Dibromofluoromethane* | | | | | *96* | *104* | *79-122* | | | |
| *Toluene-d8* | | | | | *98* | *100* | *80-120* | | | |
| *4-Bromofluorobenzene* | | | | | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *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 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *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 | |
| *Surrogate:* | | | | | | | | | | | |
| *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 |

OnSite Environmental Inc.

**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-napthalene) 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

# Chain of Custody

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



Company: FARALLON
Project Number: 1295-001
Project Name: Evelyne 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 RCRA Metals | Total MTCA Metals LEAD | TCLP Metals | HEM (oil and grease) 1664A | MTBE, EDB, EDC | | | | % 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 | | | | | X |
| 10 | B8-2.0 | ↓ | 1105 | S | ~~2~~ 1 | | | | | | | | | | | | | | | | | | | | | |

| | Signature | Company | Date | Time |
|---|---|---|---|---|
| Relinquished | Ken Scott | FARALLON | 1/27/15 | 1500 |
| Received | | ORE | 1/28/15 | 1210 |
| Relinquished | | | | |
| Received | | | | |
| Relinquished | | | | |
| Received | | | | |
| Reviewed/Date | | Reviewed/Date | | |

**Comments/Special Instructions**
The dissolved metal sample not field filtered. Please filter ASAP.

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐
Electronic Data Deliverables (EDDs) ☐ _____

# Chain of Custody



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

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 RCRA Metals LEAD | Total MTCA Metals | TCLP Metals | HEM (oil and grease) 1664A | MTBE, EDB, EDC | | | | | % Moisture |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | B8-5.0 | 1/27/15 | 1110 | S | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | B8-5.5 | | 1115 | S | ~~5~~ 2 | | X | | | | | | | | | | | | | | | | | | | | X |
| 13 | B9-1.5 | | 1145 | S | ~~5~~ 2 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | B9-2.0 | | 1150 | S | ~~5~~ 2 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | B9-5.0 | | 1200 | S | 5 | | X | | | | | | | | | | | | | | | | | | | | X |
| 16 | B9-7.5 | ↓ | 1210 | S | 5 | | X | | | | | | | | | | | X | | | | X | | | | | X |

| | Signature | Company | Date | Time | Comments/Special Instructions |
|---|---|---|---|---|---|
| Relinquished | Ken Scott | FARALLON | 1/27/15 | 1500 | See page #1. |
| Received | | CORE | 1/28/15 | 1210 | |
| Relinquished | | | | | |
| Received | | | | | |
| Relinquished | | | | | |
| Received | | | | | |
| Reviewed/Date | | Reviewed/Date | | | Chromatograms with final report ☐ |

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

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

March 15, 2016

Eric Buer
Farallon Consulting
1809 7th Ave., Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1295-001
Laboratory Reference No. 1603-086

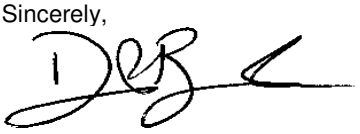
Dear Eric:

Enclosed are the analytical results and associated quality control data for samples submitted on March 9, 2016.

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,



David Baumeister
Project Manager

Enclosures

Date of Report: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
Project: 1295-001

**Case Narrative**

Samples were collected on March 8, 2016 and received by the laboratory on March 9, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

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

NWTPH Gx/BTEX 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.

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: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
Project: 1295-001

**NWTPH-Gx/BTEX**

Matrix: Soil
Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW2-8.3-030816** | | | | | |
| Laboratory ID: | 03-086-02 | | | | | |
| Benzene | **ND** | 0.020 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Toluene | **ND** | 0.064 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Ethyl Benzene | **ND** | 0.064 | EPA 8021B | 3-11-16 | 3-11-16 | |
| m,p-Xylene | **ND** | 0.064 | EPA 8021B | 3-11-16 | 3-11-16 | |
| o-Xylene | **ND** | 0.064 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Gasoline | **ND** | 6.4 | NWTPH-Gx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *102* | *68-129* | | | | |
| **Client ID:** | **MW2-14.0-030816** | | | | | |
| Laboratory ID: | 03-086-03 | | | | | |
| Benzene | **ND** | 0.020 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Toluene | **ND** | 0.058 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Ethyl Benzene | **ND** | 0.058 | EPA 8021B | 3-11-16 | 3-11-16 | |
| m,p-Xylene | **ND** | 0.058 | EPA 8021B | 3-11-16 | 3-11-16 | |
| o-Xylene | **ND** | 0.058 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Gasoline | **ND** | 5.8 | NWTPH-Gx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *102* | *68-129* | | | | |
| **Client ID:** | **MW3-9.0-030816** | | | | | |
| Laboratory ID: | 03-086-06 | | | | | |
| Benzene | **ND** | 0.020 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Toluene | **ND** | 0.071 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Ethyl Benzene | **ND** | 0.071 | EPA 8021B | 3-11-16 | 3-11-16 | |
| m,p-Xylene | **ND** | 0.071 | EPA 8021B | 3-11-16 | 3-11-16 | |
| o-Xylene | **ND** | 0.071 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Gasoline | **ND** | 7.1 | NWTPH-Gx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *100* | *68-129* | | | | |

Date of Report: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
Project: 1295-001

**NWTPH-Gx/BTEX**

Matrix: Soil
Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW1-4.5-030816** | | | | | |
| Laboratory ID: | 03-086-08 | | | | | |
| Benzene | **ND** | 0.020 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Toluene | **ND** | 0.070 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Ethyl Benzene | **ND** | 0.070 | EPA 8021B | 3-11-16 | 3-11-16 | |
| m,p-Xylene | **ND** | 0.070 | EPA 8021B | 3-11-16 | 3-11-16 | |
| o-Xylene | **ND** | 0.070 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Gasoline | **ND** | 7.0 | NWTPH-Gx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *105* | *68-129* | | | | |
| **Client ID:** | **MW1-8.5-030816** | | | | | |
| Laboratory ID: | 03-086-09 | | | | | |
| Benzene | **ND** | 0.020 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Toluene | **ND** | 0.063 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Ethyl Benzene | **ND** | 0.063 | EPA 8021B | 3-11-16 | 3-11-16 | |
| m,p-Xylene | **ND** | 0.063 | EPA 8021B | 3-11-16 | 3-11-16 | |
| o-Xylene | **ND** | 0.063 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Gasoline | **10** | 6.3 | NWTPH-Gx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *105* | *68-129* | | | | |

Date of Report: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
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: | MB0311S1 | | | | | |
| Benzene | **ND** | 0.020 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Toluene | **ND** | 0.050 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Ethyl Benzene | **ND** | 0.050 | EPA 8021B | 3-11-16 | 3-11-16 | |
| m,p-Xylene | **ND** | 0.050 | EPA 8021B | 3-11-16 | 3-11-16 | |
| o-Xylene | **ND** | 0.050 | EPA 8021B | 3-11-16 | 3-11-16 | |
| Gasoline | **ND** | 5.0 | NWTPH-Gx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *99* | *68-129* | | | | |

| Analyte | Result | | Spike Level | | Source Result | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUPLICATE** | | | | | | | | | | | |
| Laboratory ID: | 03-086-02 | | | | | | | | | | |
| | 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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *102* | *104* | *68-129* | | | |
| **SPIKE BLANKS** | | | | | | | | | | | |
| Laboratory ID: | SB0311S1 | | | | | | | | | | |
| | SB | SBD | SB | SBD | | SB | SBD | | | | |
| Benzene | **0.985** | **1.07** | 1.00 | 1.00 | | **99** | **107** | 76-124 | 8 | 17 | |
| Toluene | **0.958** | **1.06** | 1.00 | 1.00 | | **96** | **106** | 78-124 | 10 | 16 | |
| Ethyl Benzene | **0.985** | **1.07** | 1.00 | 1.00 | | **99** | **107** | 77-123 | 8 | 17 | |
| m,p-Xylene | **1.02** | **1.09** | 1.00 | 1.00 | | **102** | **109** | 78-124 | 7 | 17 | |
| o-Xylene | **0.983** | **1.07** | 1.00 | 1.00 | | **98** | **107** | 76-123 | 8 | 18 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *93* | *101* | *68-129* | | | |

Date of Report: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
Project: 1295-001

**NWTPH-Dx**

Matrix: Soil
Units: mg/Kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW2-8.3-030816** | | | | | |
| Laboratory ID: | 03-086-02 | | | | | |
| Diesel Range Organics | **ND** | 31 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| Lube Oil Range Organics | **260** | 61 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *89* | *50-150* | | | | |
| **Client ID:** | **MW2-14.0-030816** | | | | | |
| Laboratory ID: | 03-086-03 | | | | | |
| Diesel Range Organics | **ND** | 29 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| Lube Oil Range Organics | **ND** | 58 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *109* | *50-150* | | | | |
| **Client ID:** | **MW3-4.0-030816** | | | | | |
| Laboratory ID: | 03-086-05 | | | | | |
| Diesel Range Organics | **ND** | 170 | NWTPH-Dx | 3-11-16 | 3-11-16 | U1 |
| Lube Oil | **1200** | 59 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *94* | *50-150* | | | | |
| **Client ID:** | **MW3-9.0-030816** | | | | | |
| Laboratory ID: | 03-086-06 | | | | | |
| Diesel Range Organics | **ND** | 30 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| Lube Oil Range Organics | **ND** | 61 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *102* | *50-150* | | | | |

Date of Report: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
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: | MB0311S1 | | | | | |
| Diesel Range Organics | **ND** | 25 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| Lube Oil Range Organics | **ND** | 50 | NWTPH-Dx | 3-11-16 | 3-11-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *113* | *50-150* | | | | |

| Analyte | Result | | Spike Level | | Source Result | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUPLICATE** | | | | | | | | | | | |
| Laboratory ID: | 03-086-06 | | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Diesel Range | **ND** | **ND** | NA | NA | | NA | | NA | NA | NA | |
| Lube Oil Range | **ND** | **ND** | NA | NA | | NA | | NA | NA | NA | |
| *Surrogate:* | | | | | | | | | | | |
| *o-Terphenyl* | | | | | | *102* | *91* | *50-150* | | | |

Date of Report: March 15, 2016
Samples Submitted: March 9, 2016
Laboratory Reference: 1603-086
Project: 1295-001

**% MOISTURE**

Date Analyzed: 3-10-16

| Client ID | Lab ID | % Moisture |
|---|---|---|
| MW2-8.3-030816 | 03-086-02 | 18 |
| MW2-14.0-030816 | 03-086-03 | 14 |
| MW3-4.0-030816 | 03-086-05 | 15 |
| MW3-9.0-030816 | 03-086-06 | 17 |
| MW1-4.5-030816 | 03-086-08 | 16 |
| MW1-8.5-030816 | 03-086-09 | 14 |

OnSite Environmental Inc.

**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-napthalene) 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

# Chain of Custody

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

Page 1 of 1

Company: FARALLON
Project Number: 1245-001
Project Name: ENDOLYNE APARTMENTS
Project Manager: ERIC BUER
Sampled by: A. SIGEL

**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:** 03-086

| 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 | % Moisture |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW2-4.5-030816 | 3/8/16 | 10:00 | SOIL | 3 | | | | | | | | | | | | | | | | | |
| 2 | MW2-8.3-030816 | | 10:10 | | 3 | | X | | X | | | | | | | | | | | | | X |
| 3 | MW2-14.0-030816 | | 10:20 | | 3 | | X | | X | | | | | | | | | | | | | X |
| 4 | MW3-2.0-030816 | | 11:25 | | 4 | | | | | | | | | | | | | | | | | |
| 5 | MW3-4.0-030816 | | 13:45 | | 4 | | | | X | | | | | | | | | | | | | X |
| 6 | MW3-9.0-030816 | | 13:55 | | 4 | | X | | X | | | | | | | | | | | | | X |
| 7 | MW1-2.0-030816 | | 14:25 | | 5 | | | | | | | | | | | | | | | | | |
| 8 | MW1-4.5-030816 | | 14:30 | | 5 | | X | | | | | | | | | | | | | | | X |
| 9 | MW1-8.5-030816 | | 14:40 | | 5 | | X | | | | | | | | | | | | | | | X |
| | | | | | HES | | | | | | | | | | | | | | | | | |

| | Signature | Company | Date | Time |
|---|---|---|---|---|
| Relinquished | | FARALLON | 3/9/16 | 10:20 |
| Received | | STL Seattle | 3/9/16 | 1020 |
| Relinquished | | | | |
| Received | | | | |
| Relinquished | | | | |
| Received | | | | |
| Reviewed/Date | | Reviewed/Date | | |

**Comments/Special Instructions**
WILL CALL FOR ANALYSIS
(X) Added 3/9/16 BLO
STA

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

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

March 29, 2016

Eric Buer
Farallon Consulting
1809 7th Ave., Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1295-001
Laboratory Reference No. 1603-151

Dear Eric:

Enclosed are the analytical results and associated quality control data for samples submitted on March 16, 2016.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**Case Narrative**

Samples were collected on March 15, 2016 and received by the laboratory on March 16, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

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

cPAHs + NAPTHALENES EPA 8270D/SIM Analysis

Sample MW-2-031516 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%.

Total Lead EPA 200.8 Analysis

The containers used for total lead analysis had an aliquot previously taken for filtration. The amount of solid left in the containers may not be representative of the original sample and may have effected the results.

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

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**NWTPH-Gx/BTEX**

Matrix: Water
Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-2-031516** | | | | | |
| Laboratory ID: | 03-151-01 | | | | | |
| Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Toluene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Ethyl Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| m,p-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| o-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Gasoline | **ND** | 100 | NWTPH-Gx | 3-16-16 | 3-16-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *82* | *71-111* | | | | |
| **Client ID:** | **MW-3-031516** | | | | | |
| Laboratory ID: | 03-151-02 | | | | | |
| Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Toluene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Ethyl Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| m,p-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| o-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Gasoline | **ND** | 100 | NWTPH-Gx | 3-16-16 | 3-16-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *84* | *71-111* | | | | |
| **Client ID:** | **MW-1-031516** | | | | | |
| Laboratory ID: | 03-151-03 | | | | | |
| Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Toluene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Ethyl Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| m,p-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| o-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Gasoline | **ND** | 100 | NWTPH-Gx | 3-16-16 | 3-16-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *79* | *71-111* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | MB0316W1 | | | | | |
| Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Toluene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Ethyl Benzene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| m,p-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| o-Xylene | **ND** | 1.0 | EPA 8021B | 3-16-16 | 3-16-16 | |
| Gasoline | **ND** | 100 | NWTPH-Gx | 3-16-16 | 3-16-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Fluorobenzene* | *83* | *71-111* | | | | |

| Analyte | Result | | Spike Level | | Source Result | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUPLICATE** | | | | | | | | | | | |
| Laboratory ID: | 03-151-01 | | | | | | | | | | |
| | 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 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *82* | *84* | *71-111* | | | |
| **SPIKE BLANKS** | | | | | | | | | | | |
| Laboratory ID: | SB0316W1 | | | | | | | | | | |
| | SB | SBD | SB | SBD | | SB | SBD | | | | |
| Benzene | **46.5** | **47.9** | 50.0 | 50.0 | | **93** | **96** | 83-119 | 3 | 13 | |
| Toluene | **47.4** | **47.9** | 50.0 | 50.0 | | **95** | **96** | 83-120 | 1 | 13 | |
| Ethyl Benzene | **47.3** | **48.0** | 50.0 | 50.0 | | **95** | **96** | 82-120 | 1 | 12 | |
| m,p-Xylene | **47.9** | **48.3** | 50.0 | 50.0 | | **96** | **97** | 80-122 | 1 | 13 | |
| o-Xylene | **47.1** | **48.1** | 50.0 | 50.0 | | **94** | **96** | 80-120 | 2 | 10 | |
| *Surrogate:* | | | | | | | | | | | |
| *Fluorobenzene* | | | | | | *82* | *81* | *71-111* | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**NWTPH-Dx**

Matrix: Water
Units: mg/L (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-2-031516** | | | | | |
| Laboratory ID: | 03-151-01 | | | | | |
| Diesel Range Organics | **ND** | 0.26 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| Lube Oil Range Organics | **ND** | 0.42 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *117* | *50-150* | | | | |
| **Client ID:** | **MW-3-031516** | | | | | |
| Laboratory ID: | 03-151-02 | | | | | |
| Diesel Range Organics | **ND** | 0.26 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| Lube Oil Range Organics | **ND** | 0.41 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *99* | *50-150* | | | | |
| **Client ID:** | **MW-1-031516** | | | | | |
| Laboratory ID: | 03-151-03 | | | | | |
| Diesel Range Organics | **ND** | 0.28 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| Lube Oil Range Organics | **ND** | 0.45 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *108* | *50-150* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | MB0317W1 | | | | | |
| Diesel Range Organics | **ND** | 0.25 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| Lube Oil Range Organics | **ND** | 0.40 | NWTPH-Dx | 3-17-16 | 3-18-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *o-Terphenyl* | *88* | *50-150* | | | | |

| Analyte | Result | | Spike Level | | Source Result | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUPLICATE** | | | | | | | | | | | |
| Laboratory ID: | 03-161-02 | | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Diesel Range | **ND** | **ND** | NA | NA | | NA | | NA | NA | NA | |
| Lube Oil Range | **ND** | **ND** | NA | NA | | NA | | NA | NA | NA | |
| *Surrogate:* | | | | | | | | | | | |
| *o-Terphenyl* | | | | | | *109* | *110* | *50-150* | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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:** | **MW-2-031516** | | | | | |
| Laboratory ID: | 03-151-01 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloromethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromomethane | ND | 0.32 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Iodomethane | ND | 1.7 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methylene Chloride | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methyl t-Butyl Ether | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroform | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromomethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chloroethyl Vinyl Ether | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**HALOGENATED VOLATILES EPA 8260C**
page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-2-031516** | | | | | |
| Laboratory ID: | 03-151-01 | | | | | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromoform | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Hexachlorobutadiene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *91* | *71-131* | | | | |
| *Toluene-d8* | *98* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *98* | *80-120* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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:** | **MW-3-031516** | | | | | |
| Laboratory ID: | 03-151-02 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloromethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromomethane | ND | 0.32 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Iodomethane | ND | 1.7 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methylene Chloride | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methyl t-Butyl Ether | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroform | 0.22 | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromomethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chloroethyl Vinyl Ether | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**HALOGENATED VOLATILES EPA 8260C**
page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-3-031516** | | | | | |
| Laboratory ID: | 03-151-02 | | | | | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromoform | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Hexachlorobutadiene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *91* | *71-131* | | | | |
| *Toluene-d8* | *97* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *96* | *80-120* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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:** | **MW-1-031516** | | | | | |
| Laboratory ID: | 03-151-03 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloromethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromomethane | ND | 0.32 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Iodomethane | ND | 1.7 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methylene Chloride | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methyl t-Butyl Ether | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroform | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromomethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chloroethyl Vinyl Ether | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**HALOGENATED VOLATILES EPA 8260C**
page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-1-031516** | | | | | |
| Laboratory ID: | 03-151-03 | | | | | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromoform | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Hexachlorobutadiene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *94* | *71-131* | | | | |
| *Toluene-d8* | *97* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *97* | *80-120* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | MB0317W1 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloromethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromomethane | ND | 0.32 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroethane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Iodomethane | ND | 1.7 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methylene Chloride | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Methyl t-Butyl Ether | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chloroform | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Trichloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromomethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chloroethyl Vinyl Ether | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | MB0317W1 | | | | | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Chlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromoform | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Bromobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| Hexachlorobutadiene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| 1,2,3-Trichlorobenzene | ND | 0.20 | EPA 8260C | 3-17-16 | 3-17-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *Dibromofluoromethane* | *92* | *71-131* | | | | |
| *Toluene-d8* | *98* | *80-120* | | | | |
| *4-Bromofluorobenzene* | *97* | *80-120* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**HALOGENATED VOLATILES EPA 8260C**
**MS/MSD QUALITY CONTROL**

Matrix: Water
Units: ug/L

| Analyte | Result | | Spike Level | | Source Result | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **MATRIX SPIKES** | | | | | | | | | | | |
| Laboratory ID: | 03-161-02 | | | | | | | | | | |
| | MS | MSD | MS | MSD | | MS | MSD | | | | |
| 1,1-Dichloroethene | **100** | **98.5** | 100 | 100 | ND | 100 | 99 | 67-122 | 2 | 15 | |
| Benzene | **92.6** | **92.9** | 100 | 100 | ND | 93 | 93 | 76-120 | 0 | 15 | |
| Trichloroethene | **122** | **126** | 100 | 100 | 41.6 | 80 | 84 | 66-111 | 3 | 15 | |
| Toluene | **102** | **101** | 100 | 100 | ND | 102 | 101 | 75-120 | 1 | 15 | |
| Chlorobenzene | **96.6** | **98.6** | 100 | 100 | ND | 97 | 99 | 76-120 | 2 | 15 | |
| *Surrogate:* | | | | | | | | | | | |
| *Dibromofluoromethane* | | | | | | *91* | *90* | *71-131* | | | |
| *Toluene-d8* | | | | | | *95* | *96* | *80-120* | | | |
| *4-Bromofluorobenzene* | | | | | | *97* | *97* | *80-120* | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**cPAHs + NAPTHALENES EPA 8270D/SIM**

Matrix: Water
Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-2-031516** | | | | | |
| Laboratory ID: | 03-151-01 | | | | | |
| Naphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 2-Methylnaphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 1-Methylnaphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthylene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluorene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Phenanthrene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Anthracene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluoranthene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Pyrene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]anthracene | **0.037** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Chrysene | **0.041** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[b]fluoranthene | **0.044** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo(j,k)fluoranthene | **0.013** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]pyrene | **0.030** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Indeno(1,2,3-c,d)pyrene | **0.017** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Dibenz[a,h]anthracene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[g,h,i]perylene | **0.026** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *53* | *33 - 117* | | | | |
| *Pyrene-d10* | *94* | *35 - 140* | | | | |
| *Terphenyl-d14* | *133* | *33 - 117* | | | | Q |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**cPAHs + NAPTHALENES EPA 8270D/SIM**

Matrix: Water
Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-3-031516** | | | | | |
| Laboratory ID: | 03-151-02 | | | | | |
| Naphthalene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 2-Methylnaphthalene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 1-Methylnaphthalene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthylene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluorene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Phenanthrene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Anthracene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluoranthene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Pyrene | **ND** | 0.096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]anthracene | **0.014** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Chrysene | **ND** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[b]fluoranthene | **0.010** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo(j,k)fluoranthene | **ND** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]pyrene | **ND** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Indeno(1,2,3-c,d)pyrene | **ND** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Dibenz[a,h]anthracene | **ND** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[g,h,i]perylene | **ND** | 0.0096 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *53* | *33 - 117* | | | | |
| *Pyrene-d10* | *71* | *35 - 140* | | | | |
| *Terphenyl-d14* | *77* | *33 - 117* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**cPAHs + NAPTHALENES EPA 8270D/SIM**

Matrix: Water
Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| **Client ID:** | **MW-1-031516** | | | | | |
| Laboratory ID: | 03-151-03 | | | | | |
| Naphthalene | **0.17** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 2-Methylnaphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 1-Methylnaphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthylene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluorene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Phenanthrene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Anthracene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluoranthene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Pyrene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]anthracene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Chrysene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[b]fluoranthene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo(j,k)fluoranthene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]pyrene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Indeno(1,2,3-c,d)pyrene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Dibenz[a,h]anthracene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[g,h,i]perylene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *56* | *33 - 117* | | | | |
| *Pyrene-d10* | *69* | *35 - 140* | | | | |
| *Terphenyl-d14* | *68* | *33 - 117* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**cPAHs + NAPTHALENES EPA 8270D/SIM**
**METHOD BLANK QUALITY CONTROL**

Matrix: Water
Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---|---|---|---|---|---|---|
| Laboratory ID: | MB0317W1 | | | | | |
| Naphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 2-Methylnaphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| 1-Methylnaphthalene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthylene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Acenaphthene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluorene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Phenanthrene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Anthracene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Fluoranthene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Pyrene | **ND** | 0.10 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]anthracene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Chrysene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[b]fluoranthene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo(j,k)fluoranthene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[a]pyrene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Indeno(1,2,3-c,d)pyrene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Dibenz[a,h]anthracene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| Benzo[g,h,i]perylene | **ND** | 0.010 | EPA 8270D/SIM | 3-17-16 | 3-21-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *2-Fluorobiphenyl* | *58* | *33 - 117* | | | | |
| *Pyrene-d10* | *85* | *35 - 140* | | | | |
| *Terphenyl-d14* | *84* | *33 - 117* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**cPAHs + NAPTHALENES EPA 8270D/SIM**
**SB/SBD QUALITY CONTROL**

Matrix: Water
Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| **SPIKE BLANKS** | | | | | | | | | | |
| Laboratory ID: | SB0317W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Naphthalene | **0.240** | **0.246** | 0.500 | 0.500 | 48 | 49 | 46 - 99 | 2 | 37 | |
| Acenaphthylene | **0.278** | **0.241** | 0.500 | 0.500 | 56 | 48 | 37 - 116 | 14 | 26 | |
| Acenaphthene | **0.266** | **0.257** | 0.500 | 0.500 | 53 | 51 | 51 - 106 | 3 | 30 | |
| Fluorene | **0.294** | **0.284** | 0.500 | 0.500 | 59 | 57 | 55 - 108 | 3 | 31 | |
| Phenanthrene | **0.292** | **0.282** | 0.500 | 0.500 | 58 | 56 | 53 - 107 | 3 | 30 | |
| Anthracene | **0.362** | **0.354** | 0.500 | 0.500 | 72 | 71 | 52 - 140 | 2 | 27 | |
| Fluoranthene | **0.400** | **0.383** | 0.500 | 0.500 | 80 | 77 | 62 - 112 | 4 | 24 | |
| Pyrene | **0.414** | **0.380** | 0.500 | 0.500 | 83 | 76 | 59 - 118 | 9 | 28 | |
| Benzo[a]anthracene | **0.377** | **0.369** | 0.500 | 0.500 | 75 | 74 | 58 - 132 | 2 | 26 | |
| Chrysene | **0.353** | **0.343** | 0.500 | 0.500 | 71 | 69 | 63 - 113 | 3 | 25 | |
| Benzo[b]fluoranthene | **0.413** | **0.380** | 0.500 | 0.500 | 83 | 76 | 56 - 124 | 8 | 27 | |
| Benzo(j,k)fluoranthene | **0.383** | **0.377** | 0.500 | 0.500 | 77 | 75 | 62 - 121 | 2 | 31 | |
| Benzo[a]pyrene | **0.380** | **0.357** | 0.500 | 0.500 | 76 | 71 | 50 - 131 | 6 | 25 | |
| Indeno(1,2,3-c,d)pyrene | **0.389** | **0.370** | 0.500 | 0.500 | 78 | 74 | 60 - 120 | 5 | 26 | |
| Dibenz[a,h]anthracene | **0.350** | **0.334** | 0.500 | 0.500 | 70 | 67 | 61 - 115 | 5 | 26 | |
| Benzo[g,h,i]perylene | **0.373** | **0.355** | 0.500 | 0.500 | 75 | 71 | 60 - 116 | 5 | 26 | |
| *Surrogate:* | | | | | | | | | | |
| *2-Fluorobiphenyl* | | | | | *55* | *54* | *33 - 117* | | | |
| *Pyrene-d10* | | | | | *82* | *77* | *35 - 140* | | | |
| *Terphenyl-d14* | | | | | *78* | *75* | *33 - 117* | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | 03-151-01 | | | | | |
| **Client ID:** | **MW-2-031516** | | | | | |
| Lead | **ND** | 1.0 | 200.8 | 3-16-16 | 3-18-16 | |
| Lab ID: | 03-151-02 | | | | | |
| **Client ID:** | **MW-3-031516** | | | | | |
| Lead | **ND** | 1.0 | 200.8 | 3-16-16 | 3-18-16 | |
| Lab ID: | 03-151-03 | | | | | |
| **Client ID:** | **MW-1-031516** | | | | | |
| Lead | **1.4** | 1.0 | 200.8 | 3-16-16 | 3-18-16 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

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

| | |
|---|---|
| Date Filtered: | 3-16-16 |
| Date Analyzed: | 3-18-16 |
| Matrix: | Water |
| Units: | ug/L (ppb) |
| Lab ID: | MB0316F1 |

| Analyte | Method | Result | PQL |
|---|---|---|---|
| Lead | 200.8 | **ND** | 1.0 |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**DISSOLVED LEAD**
**EPA 200.8**
**DUPLICATE QUALITY CONTROL**

Date Filtered: 3-16-16
Date Analyzed: 3-18-16

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-116-01

| Analyte | Sample Result | Duplicate Result | RPD | PQL | Flags |
|---|---|---|---|---|---|
| Lead | **ND** | **ND** | NA | 1.0 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

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

Date Filtered: 3-16-16
Date Analyzed: 3-18-16

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-116-01

| Analyte | Spike Level | MS | Percent Recovery | MSD | Percent Recovery | RPD | Flags |
|---|---|---|---|---|---|---|---|
| Lead | 200 | **209** | 104 | **207** | 104 | 1 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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:** | **MW-2-031516** | | | | | |
| Laboratory ID: | 03-151-01 | | | | | |
| EDB | **ND** | 0.0097 | EPA 8011 | 3-24-16 | 3-27-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *73* | *25-143* | | | | |
| **Client ID:** | **MW-3-031516** | | | | | |
| Laboratory ID: | 03-151-02 | | | | | |
| EDB | **ND** | 0.0096 | EPA 8011 | 3-24-16 | 3-27-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *98* | *25-143* | | | | |
| **Client ID:** | **MW-1-031516** | | | | | |
| Laboratory ID: | 03-151-03 | | | | | |
| EDB | **ND** | 0.0098 | EPA 8011 | 3-24-16 | 3-27-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *32* | *25-143* | | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | MB0324W1 | | | | | |
| EDB | **ND** | 0.010 | EPA 8011 | 3-24-16 | 3-27-16 | |
| *Surrogate:* | *Percent Recovery* | *Control Limits* | | | | |
| *TCMX* | *113* | *25-143* | | | | |

| Analyte | Result | | Spike Level | | Source Result | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SPIKE BLANKS** | | | | | | | | | | | |
| Laboratory ID: | SB0324W1 | | | | | | | | | | |
| | SB | SBD | SB | SBD | | SB | SBD | | | | |
| EDB | **0.102** | **0.0931** | 0.100 | 0.100 | N/A | **102** | **93** | 77-128 | 9 | 15 | |
| *Surrogate:* | | | | | | | | | | | |
| *TCMX* | | | | | | *125* | *129* | *25-143* | | | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
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: | 03-151-01 | | | | | |
| **Client ID:** | **MW-2-031516** | | | | | |
| Lead | **2.7** | 1.0 | 200.8 | 3-24-16 | 3-24-16 | |
| Lab ID: | 03-151-02 | | | | | |
| **Client ID:** | **MW-3-031516** | | | | | |
| Lead | **ND** | 1.0 | 200.8 | 3-24-16 | 3-24-16 | |
| Lab ID: | 03-151-03 | | | | | |
| **Client ID:** | **MW-1-031516** | | | | | |
| Lead | **23** | 1.0 | 200.8 | 3-24-16 | 3-24-16 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

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

| | |
|---|---|
| Date Extracted: | 3-24-16 |
| Date Analyzed: | 3-24-16 |
| Matrix: | Water |
| Units: | ug/L (ppb) |
| Lab ID: | MB0324WH1 |

| Analyte | Method | Result | PQL |
|---|---|---|---|
| Lead | 200.8 | **ND** | 1.0 |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

**TOTAL LEAD**
**EPA 200.8**
**DUPLICATE QUALITY CONTROL**

Date Extracted: 3-24-16
Date Analyzed: 3-24-16

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-174-05

| Analyte | Sample Result | Duplicate Result | RPD | PQL | Flags |
|---|---|---|---|---|---|
| Lead | **ND** | **ND** | NA | 1.0 | |

Date of Report: March 29, 2016
Samples Submitted: March 16, 2016
Laboratory Reference: 1603-151
Project: 1295-001

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

Date Extracted: 3-24-16
Date Analyzed: 3-24-16

Matrix: Water
Units: ug/L (ppb)

Lab ID: 03-174-05

| Analyte | Spike Level | MS | Percent Recovery | MSD | Percent Recovery | RPD | Flags |
|---|---|---|---|---|---|---|---|
| Lead | 100 | **106** | 106 | **103** | 103 | 3 | |

OnSite Environmental Inc.

**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-napthalene) 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

# Chain of Custody

Page 1 of 1

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

**Laboratory Number:** 03-151

Company: FARALLON
Project Number: 1295-001
Project Name: ENDOLYNE GARDEN APTS
Project Manager: ERIC BUER / TAD CLINE
Sampled by: Ken Smith & ANNA Sigel

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

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers | NWTPH-HCID | NWTPH-Gx/BTEX | NWTPH-Gx / BTEX | NWTPH-Dx | Volatiles 8260C | Halogenated Volatiles 8260C | Semivolatiles 8270D/SIM (with low-level PAHs) | PAHs 8270D/SIM (low-level) + NAPTHALENES | 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 | Dissolved Pb | MTBE, EDB, EDC | Total Lead | | % Moisture |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-2-031516 | 3/15/16 | 1035 | W | 13 | | | X | X | | X | X | X | | | | | | | | | X | X | X | | |
| 2 | MW-3-031516 | ↓ | 1140 | W | 13 | | | X | X | | X | X | X | | | | | | | | | X | X | X | | |
| 3 | MW-1-031516 | ↓ | 1230 | W | 13 | | | X | X | | X | X | X | | | | | | | | | X | X | X | | |

| | Signature | Company | Date | Time |
|---|---|---|---|---|
| Relinquished | Ken Smith | FARALLON | 3/15/16 | 1700 |
| Received | | CRC | 3/16/16 | 1210 |
| Relinquished | | | | |
| Received | | | | |
| Relinquished | | | | |
| Received | | | | |
| Reviewed/Date | | Reviewed/Date | | |

**Comments/Special Instructions**
The dissolved Pb sample was "Not field filtered," please filter ASAP.
(X) Added 3/23/16 STA

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐
Electronic Data Deliverables (EDDs) ☐ _____