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February 24, 2022

Frank Winslow
Toxics Cleanup Program
Washington State Department of Ecology
1250 West Alder Street
Union Gap, Washington 98903

RE: ADDENDUM TO REMEDIAL INVESTIGATION REPORT
THOMPSON FIELD SITE
PORTION OF KING COUNTY PARCEL NO. 0825069104
REDMOND, WASHINGTON
FARALLON PN: 650-031

Dear Frank Winslow:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter report on behalf of the Estate of Barbara J. Nelson and WCN GST Non-Exempt Marital Trust No. 2 (the Estate) for the 12-acre portion of the property at King County Parcel No. 0825069104 in the area known as Thompson Field in Redmond, Washington (herein referred to as Thompson Field) (Figure 1) to supplement information presented in the *Remedial Investigation Report, Thompson Field Site, Portion of King County Parcel No. 0825069104, Redmond, Washington* dated April 6, 2021, prepared by Farallon (RI Report). King County Parcel No. 0825069104 is part of the greater property also comprised of King County Parcel Nos. 082569102, 0825069067, 0825069013, 0825069102, 0825069103, and 0825069105 (Property). Thompson Field is part of a preliminary plat related to proposed development at the Property. Following plat approval, Thompson Field will remain as undeveloped open space.

This letter report presents the results of additional characterization work performed at Thompson Field by Farallon between July 2021 and January 2022 to further define the extent of subsurface impacts, and to estimate the volume of soil that will require special handling and disposal. The RI Report and this letter report have been prepared on behalf of the Estate to provide supporting documentation for enrollment of the Thompson Field Site in the Washington State Department of Ecology's (Ecology) Expedited Voluntary Cleanup Program. Ecology is requested to provide an opinion on the remedial investigation conducted by Farallon at Thompson Field and described in the RI Report and this letter report.

The RI Report identified co-located total naphthalene concentrations and total carcinogenic polycyclic aromatic hydrocarbons (cPAHs), calculated as a toxic equivalent concentration (TEC), exceeding Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup levels in soil as the constituents of concern (COCs) at Thompson Field. The extent of total naphthalene concentrations and total cPAHs TEC exceeding MTCA Method A cleanup levels was

determined to be limited to fill soils in a discrete area on the western portion of Thompson Field, herein referred to as the Thompson Field Site.

The RI Report and this letter report were prepared to characterize the nature and extent of contamination at Thompson Field in accordance with Section 350(7) of Chapter 173-340 of the Washington Administrative Code (WAC 173-340-350(7)). The data provided in the RI Report and this letter report constitute sufficient information to evaluate and select a remedial action.

The primary objectives of the remedial investigation (RI) included identifying the constituents of potential concern (COPCs) and media of concern at the Site; identifying the potential source(s) of the release(s) of COPCs; identifying the nature and extent of the COPCs in the identified media of concern; and developing and refining the conceptual site model. The overall objective of the RI was to collect and evaluate sufficient information to support the development of feasible cleanup alternatives for the Site in accordance with WAC 173-340-360 through 173-340-390. The RI completed by Farallon provides sufficient data to evaluate potentially feasible remediation technologies and select a final remedial action in accordance with MTCA requirements.

The complete RI involved the following work elements:

- Sampling and analysis of soil and groundwater to identify the COPCs and media of concern;
- Conducting several phases of subsurface investigation to evaluate potential source(s) of the release(s) of COPCs;
- Characterizing the nature and extent of COPCs in the identified media of concern;
- Conducting a Site-Specific Terrestrial Ecological Evaluation to evaluate the potential for COPCs to adversely affect terrestrial ecological receptors;
- Identifying applicable or relevant and appropriate requirements (ARARs) for the Thompson Field Site to enable identification of appropriate cleanup standards for potential cleanup actions; and
- Complying with the requirements of WAC 173-340-350.

The complete results for the RI are documented in the following reports:

- *Gunshy Manor, Redmond, Washington Preliminary Assessment, Task Order, Subtask: TO-0525-003* dated March 2020, prepared by Ecology and Environment, Inc. (E&E), A Member of WSP on behalf of the U.S. Environmental Protection Agency (EPA) (Preliminary Assessment);
- RI Report; and
- This Addendum.

INTRODUCTION

PURPOSE AND OBJECTIVES

The purpose of the additional characterization was to further define the extent of environmental impacts encountered on the western portion of Thompson Field and to address data gaps to support the evaluation and selection of a cleanup action. The objectives of the additional characterization included the following:

- Further define the extent of soil contamination to the south of the Thompson Field Site in the vicinity of borings FB-18 and FB-19; to the west of the Thompson Field Site in the vicinity of borings FB-24, FB-27, and FB-29; to the north of the Thompson Field Site in the vicinity of borings FB-22 and FB-23; and to the east of the Thompson Field Site in the vicinity of borings FB-16 and FB-17; and
- Gauge depth to groundwater at monitoring wells at Thompson Field to identify potential seasonal fluctuations in groundwater elevation, and flow direction; and identify potential for site soils to be classified as sediment under WAC 173-204-505(22).

REPORT ORGANIZATION

This letter report has been prepared to meet the general requirements of WAC 173-340-350(7), and has been organized into the following sections:

- **Site Description and Background.** This section provides a brief description of the Thompson Field Site and summarizes the site history, adjacent property use, geology, and hydrogeology.
- **Additional Characterization Scope of Work.** This section provides a description of the field program completed at the Thompson Field Site by Farallon between July 2021 and January 2022 to supplement the RI.
- **Additional Characterization Results.** This section provides the results of the field program and sample analysis performed at the Thompson Field Site between July 2021 and January 2022.
- **Conclusions.** This section summarizes conclusions of the additional characterization work.

SITE DESCRIPTION AND BACKGROUND

This section provides a description of the Thompson Field Site, summarizes the site history, adjacent property use, geology, and hydrogeology.

SITE DESCRIPTION AND OPERATIONAL HISTORY

Thompson Field comprises the western portion of King County Parcel No. 0825069104 located within the Evans Creek Valley in unincorporated King County, Washington (Figure 1). King

County Parcel No. 0825069104 totals 38.14 acres in area; Thompson Field consists of approximately 12 acres within the parcel (Figure 2).

Thompson Field currently consists of a grass-covered field, with no structures. Thompson Field previously was used as a hayfield for horses boarded at the Property. The land comprising Thompson Field was obtained by the Estate in 1975 and is a portion of the Property, which was purchased by Bill and Barbara Nelson in 1957. Operations at Thompson Field included the raising of cattle and horses.

Historically, Thompson Field was a forested area, which was cleared of trees sometime after 1975. In late 1982 or early 1983, an unknown volume of fill soil from the Interstate 90 tunnel project in the Mount Baker Ridge area of Seattle was placed on Thompson Field to raise the field to its current elevation and create pastureland.

In 2018, members of the community notified EPA of their concern that imported fill material residing on Thompson Field may contain hazardous substances. E&E on behalf of EPA conducted the Preliminary Assessment at Thompson Field in October and November of 2019. E&E advanced four borings (BH01 through BH03, and BK01) using a direct-push drill rig to a maximum depth of 16 feet below ground surface (bgs), and three borings (BH04 through BH06) to a maximum depth of 3 feet bgs using a hand auger (Figure 2). Reconnaissance groundwater samples were collected from borings BH01, BH02, and BK01. E&E also collected groundwater samples from off-Property monitoring wells located approximately 0.4 mile northwest of Thompson Field. After receipt and evaluation of the soil and groundwater analytical data and discussions with the Estate, EPA concluded that further investigations were not warranted under its programs, with the understanding that the Estate would continue regulatory interaction with Ecology, as needed.

Farallon conducted characterization activities from July 2020 to February 2021 to address the data gaps identified in the Preliminary Assessment. The characterization activities conducted by Farallon included the following:

- Advancing 37 borings (FB-01 through FB-29, and FMW-01 through FMW-08) to depths of up to 20 feet bgs at the Property to observe soil conditions and for collection of soil samples to be analyzed for constituents of potential concern identified in the Preliminary Assessment;
- Installing and sampling eight groundwater monitoring wells (FMW-01 through FMW-08) at Thompson Field;
- Reviewing logs for 48 geotechnical test pits completed at the Property; and
- Completing a Site-Specific Terrestrial Ecological Evaluation for Thompson Field.

Additional discussion of historical uses at Thompson Field, and the results of the investigation activities discussed above are provided in the RI Report and the Preliminary Assessment.

ADJACENT PROPERTY USE

Detailed descriptions of adjacent properties are provided in Section 2.3, Current and Historical Uses of Surrounding Area, of the RI Report.

GEOLOGY AND HYDROGEOLOGY

Detailed descriptions of the Thompson Field Site physical and environmental setting, including regional geography, geology, hydrogeology, surface water, critical areas, sensitive receptors, and climate, are provided in Sections 2.1, 3.4, and 4.4. of the RI Report. Farallon observed subsurface conditions during the additional characterization field work and recorded observations on boring logs (Attachment A). General stratigraphy at the Thompson Field Site is provided below.

A fill layer of variable thickness is present at Thompson Field to depths ranging from approximately 2 to 6 feet bgs, with the fill thickness increasing from east to west (Attachment A; and RI Report, Appendix B). The fill layer is present across much of Thompson Field but was not observed during the advancement of borings FB-10 through FB-14 proximate to the eastern boundary of Thompson Field. The fill material observed is comprised of silty sand, sandy silt, and silt containing varying amounts of gravel, wood, and brick. Native soil underlaying the fill is an approximately 3- to 8-foot-thick layer of alluvium consisting of silt and organic material, which is further underlain by glacial outwash deposits consisting of gravel, sand, and silt extending to the maximum depth explored of 20 feet bgs (RI Report, Figures 8 and 9).

Descriptions of regional hydrogeology are provided in Section 3.4.1, Geology and Hydrogeology, of the RI Report. The interval where first-encountered groundwater is present in the fill and underlying recent alluvium at Thompson Field varies from depths of approximately 1 to 6.5 feet bgs, depending on location and seasonal fluctuations (Table 1).

Previous investigations documented in the RI Report indicate that the groundwater flow direction at the Thompson Field Site is radial from the center of Thompson Field with an overall trend to the northwest and northeast. Surface water in the agricultural ditches surrounding Thompson Field were measured at 60.19 to 61.90 feet North American Vertical Datum of 1988 (NAVD88) with a general flow to the south on the eastern half of Thompson Field and to the west on the western half of Thompson Field. Groundwater and surface water elevation measurements are provided in Table 1.

The RI Report concluded that groundwater at Thompson Field and surface water in the surrounding agricultural ditches are interpreted as being in communication based upon the groundwater and surface water elevations measured in December 2020 and January 2021.

ADDITIONAL CHARACTERIZATION SCOPE OF WORK

The RI was performed by Farallon between October 2019 and January 2021 and previously was documented in the RI Report. This section provides a description of the additional characterization field work performed between July 2021 and January 2022 to further define the nature and extent

of contaminated fill at Thompson Field previously characterized in the RI Report and summarizes findings, and subsurface conditions and groundwater monitoring results that were not previously reported to Ecology in a formal report.

As stated in the RI Report, polycyclic aromatic hydrocarbons (PAHs) were detected at concentrations less than MTCA Method A cleanup levels for groundwater in the sample collected from monitoring well FMW-02. PAHs were not detected at concentrations at or exceeding the laboratory practical quantitation limit in all other groundwater samples collected from monitoring wells on Thompson Field, including monitoring well FMW-08, which is interpreted as being hydraulically down-gradient of monitoring well FMW-02. As discussed in Sections 3.4.3, Groundwater Analytical Results; 4.2, Affected Environmental Media; and 4.3, Contaminant Fate and Transport, of the RI Report, PAHs have not been detected at concentrations at or exceeding the laboratory practical quantitation limit in groundwater samples collected from monitoring wells located on the boundaries of Thompson Field, indicating that groundwater transport of PAHs is minimal at the Thompson Field Site. The results of the RI Report confirmed that groundwater is not a medium of concern. Therefore, groundwater is not identified as an affected media in the RI Report and was not sampled during the additional characterization field program.

BORINGS

On August 24 through 26, 2021, Holt Services, Inc. of Edgewood, Washington advanced borings FB-30 through FB-53 to a maximum depth of 15 feet bgs using a limited-access direct-push drill rig (Figure 2). Soil samples from direct-push borings were collected continuously using a 5-foot macrocore sampler.

A Farallon Geologist observed and logged subsurface conditions and retained soil samples from selected intervals for laboratory analysis based on field indications of potential contamination. The information recorded for each boring log included soil types encountered, visual and olfactory observations (e.g., staining, odor, etc.), estimated depth of groundwater encountered during time of drilling, and volatile organic vapor concentrations as measured using a photoionization detector.

Soil samples were collected and transferred directly into laboratory-prepared glass sample containers. Soil samples collected for analysis for semi-volatile organic compounds, including PAHs, were fitted with a Teflon-lined lid in accordance with EPA Method 8270D for sampling for PAHs.

GROUNDWATER MONITORING

As part of the additional characterization field program, Farallon measured groundwater levels at the Thompson Field monitoring well network monthly from July 23, 2021 to January 10, 2022, and selected the groundwater elevations from the groundwater measuring events on July 23, 2021; November 15, 2021; and January 10, 2022 to depict groundwater elevations and the flow direction for this letter report (Figures 4 through 6). Surface water in the agricultural ditches surrounding Thompson Field were measured at 59.79 to 62.70 feet NAVD88 with a general flow to the south on the eastern half of Thompson Field and to the west on the western half of Thompson Field.

Groundwater and surface water elevation measurements collected at Thompson Field are provided in Table 1.

ADDITIONAL CHARACTERIZATION RESULTS

Results from the additional characterization activities are provided below. Analytical results for total cPAHs at TECs are depicted on Figure 3. Summary analytical results for soil samples collected during the additional characterization field program are summarized in Table 2. Analytical laboratory reports are provided in Attachment B.

GEOLOGY

Soil encountered at the Thompson Field Site by Farallon during the additional characterization field work was composed of a fill layer of variable thickness to depths ranging from approximately 1.5 to 6 feet bgs. The fill material observed was comprised of silty sand, sandy silt, and silt containing varying amounts of gravel, wood, charred wood, brick, and metal debris. Native soil underlaying the fill is an approximately 2- to 4-foot-thick layer of alluvium consisting of silt and organic material that is further underlain by glacial outwash deposits consisting of gravel, sand, and silt extending to the maximum depth explored. Northwest-to-southeast and west-to-east cross-sections across the western portion of Thompson Field depicting the lithology, water-bearing zones, and analytical results for total cPAHs at TECs detected in soil and groundwater samples originally provided in the RI Report, which have been updated with the results of the additional characterization field work, are presented on Figures 7 and 8, respectively. The location of the cross-sections is shown on Figure 3.

HYDROGEOLOGY

Groundwater levels were measured on July 23 and November 15, 2021, and January 10, 2022. The groundwater surface was interpreted to be mounded in the center of Thompson Field with inferred radial groundwater flow direction with a trend to the northwest and northeast, which is consistent with the groundwater flow direction reported in the RI Report. During the additional characterization field work, groundwater was encountered in monitoring wells at Thompson Field at depths ranging from 1.60 feet bgs at FMW-08 to 6.67 feet bgs at FMW-01 (Table 1).

SOIL

During the additional characterization field program, total cPAHs at TECs were detected at concentrations exceeding the MTCA Method A cleanup level of 0.1 milligram per kilogram (mg/kg) in fill samples at depths of 1 to 3 feet bgs collected from borings FB-30, FB-31, FB-33, FB-39, FB-41, FB-46, FB-47, and FB-50 on the western portion of Thompson Field (Figure 3; Table 2). The extent of total cPAHs at TECs exceeding the MTCA Method A cleanup level in soil is laterally bounded to the north by borings FB-22, FB-23, and FB-51; to the east by borings FB-16, FB-44, and FB-53; to the south by borings FB-04, FB-05, FB-18, FB-35, FB-36, FB-37, FB-40, and FB-42; and to the west by borings FB-25, FB-27, and FB-32 (Figure 3). Based on the

results of soil samples collected during the additional characterization field program, the estimated extent of the Thompson Field Site as shown on Figures 3 through 5, 8, and 9 of the RI Report has been amended to an area of less than 2 acres (Figures 2 and 3).

Total napthalenes were detected at concentrations less than the MTCA Method A cleanup level in soil samples analyzed during the additional characterization field program.

CONCLUSIONS

The additional characterization activities conducted by Farallon confirmed the conclusions in the RI Report. The extent of total naphthalene concentrations and total cPAHs at TECs exceeding MTCA Method A cleanup levels is limited to fill soils in a discrete area on the western portion of Thompson Field, the extent of which is estimated to be less than 2 acres and limited to depths of 1 to 6 feet bgs.

Standing water was not observed on the surface of Thompson Field by Farallon during the monthly groundwater measurement events conducted during the additional characterization field work. This would indicate that the Sediment Cleanup User's Manual (SCUM guidance) would not be an applicable ARAR for the Thompson Field Site because surface soils are not inundated for 6 or more weeks a year and therefore are not classified as sediments as defined in WAC 173-204-505(22). As previously described in the RI Report, PAHs have not been detected at concentrations at or exceeding the laboratory PQL in groundwater samples collected from down-gradient monitoring wells surrounding the Thompson Field Site, indicating that groundwater transport of PAHs is not occurring at the Thompson Field Site and that PAHs are not reaching surface waters surrounding Thompson Field. Therefore, groundwater at the Site does not have a completed pathway to adjacent sediment sources.

The information provided in the RI Report and this letter report is sufficient to assess the nature and extent of contamination at Thompson Field. Ecology is requested to provide an opinion on the RI conducted by Farallon at Thompson Field and described in the RI Report and this letter report. In addition, the information provided in the RI Report and this letter report is sufficient to prepare a Cleanup Action Plan to document selection of a permanent cleanup alternative for the Thompson Field Site; and to provide protocols for managing contaminated and potentially contaminated media that will be encountered during the permanent cleanup action.

Please contact either of the undersigned at (425) 295-0800 if you have questions or need additional information.

Sincerely,

Farallon Consulting, L.L.C.

Stuart Brown
Associate Environmental Scientist

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

Attachments: Figure 1, *Site Vicinity Map*
Figure 2, *Site Figure*
Figure 3, *Soil Analytical Results for cPAH TEC*
Figure 4, *Groundwater Flow Direction, July 23, 2021*
Figure 5, *Groundwater Flow Direction, November 15, 2021*
Figure 6, *Groundwater Flow Direction, January 10, 2022*
Figure 7, *Cross Section A-A'*
Figure 8, *Cross Section B-B'*
Table 1, *Groundwater Elevations*
Table 2, *Soil Analytical Results for PAHs*
Attachment A, Boring Logs
Attachment B, Laboratory Analytical Reports

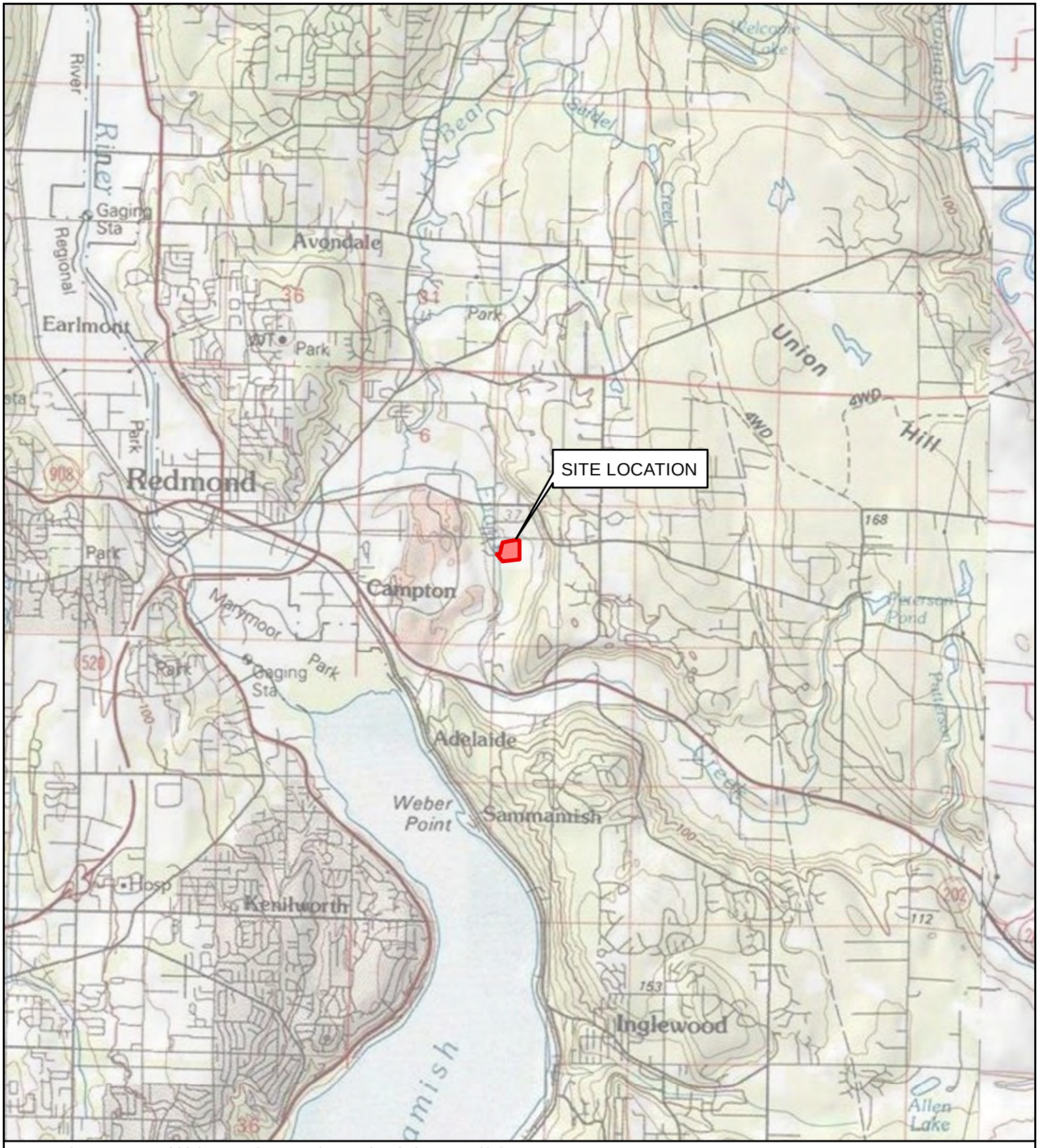
cc: Thomas L. Markl, Nelson Legacy Group, LLC

SB/CTS:cm

FIGURES

ADDENDUM TO REMEDIAL INVESTIGATION REPORT
THOMPSON FIELD SITE
PORTION OF KING COUNTY PARCEL NO. 0825069104
REDMOND, WASHINGTON

Farallon PN: 650-031



REFERENCE: 7.5 MINUTE USGS QUADRANGLE REDMOND, WASHINGTON, DATED 2013

0 5,000
SCALE IN FEET

N

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FIGURE 1

SITE VICINITY MAP
THOMPSON FIELD
PORTION OF KING COUNTY
PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031

Drawn By: jjones | Checked By: SB | Date: 2/15/2022 | Disc Reference:

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FMW-05
BH06
FMW-01
BH04
FB-23
FB-22
FB-15
FB-47
FB-31
FB-49
FB-28
FB-51
BH05
FB-30
FB-48
FB-50
FB-24
FB-21
FMW-08
FB-27
FB-01
FB-16
FMW-06
FMW-02
FB-02
BH01
FMW-07
FB-33
FB-32
FB-29
FB-03
FB-53
FB-45
FB-25
FB-20
FB-17
FB-52
FB-44
FB-46
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FB-19
FB-18
FB-37
FB-43
FB-36
FB-42
FB-08
FB-41
BH03
FB-09
FB-07
FB-38
BH02
FB-05
FB-04
FB-06
FB-40
FMW-04
FB-39
FMW-03
FB-35
FB-34
BK01
A
A'
B
B'
N
0
100
SCALE IN FEET

LEGEND

- MONITORING WELL (FARALLON, 2020)
- BORING (FARALLON)
- BORING (ECOLOGY & ENVIRONMENT, INC, 2019)
- EXCAVATION CONTOUR (DEPTH IN FEET BGS)
- ESTIMATED SITE BOUNDARY
- SOIL WITH cPAH TECs ABOVE MTCA METHOD A CLEANUP LEVEL
- WETLAND
- THOMPSON FIELD BOUNDARY
- PROPERTY BOUNDARY
- A A' CROSS-SECTION

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

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FIGURE 2

SITE FIGURE
THOMPSON FIELD
PORTION OF KING COUNTY
PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031

Drawn By: jjones | Checked By: SB | Date: 2/23/2022 | Disc Reference:

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NOTES:
SOIL RESULTS SHOWN AS
DEPTH IN FEET BGS | cPAH TEC | TOTAL NAPHTHALENES
SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM

BOLD = DENOTES CONCENTRATIONS THAT EXCEED THE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) CLEANUP LEVEL
< = ANALYTE NOT DETECTED AT OR EXCEEDING THE REPORTING LIMIT LISTED
BGS = BELOW GROUND SURFACE
cPAH TEC = CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBON TOXIC EQUIVALENT CONCENTRATION
TOTAL NAPHTHALENES = SUM OF NAPHTHALENE, 1-METHYLNAPHTHALENE, AND 2-METHYLNAPHTHALENE

LEGEND

- MONITORING WELL (FARALLON, 2020)
- BORING (FARALLON)
- BORING (ECOLOGY & ENVIRONMENT, INC, 2019)
- EXCAVATION CONTOUR (DEPTH IN FEET BGS)
- ESTIMATED SITE BOUNDARY
- SOIL WITH cPAH TECs ABOVE MTCA METHOD A CLEANUP LEVEL
- WETLAND
- THOMPSON FIELD BOUNDARY
- PROPERTY BOUNDARY

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FIGURE 3

SOIL ANALYTICAL RESULTS FOR cPAH TEC
THOMPSON FIELD
PORTION OF KING COUNTY
PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031

Drawn By: jjones | Checked By: SB | Date: 2/23/2022 | Disc Reference:

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62.00
61.00
60.00
63.00
64.00
FMW-01 (59.78)
FMW-05 (62.46)
FMW-08 (63.47)
FMW-02 (63.50)
FMW-06 (64.37)
FMW-07 (62.13)
FMW-04 (63.68)
FMW-03 (63.93)
N
0
100
SCALE IN FEET

LEGEND

- MONITORING WELL (FARALLON, 2020)
- THOMPSON FIELD BOUNDARY
- PROPERTY BOUNDARY
- KING COUNTY PARCEL BOUNDARY
- INFERRED GROUNDWATER FLOW DIRECTION
- 64.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (63.93) GROUNDWATER ELEVATION IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988

GROUNDWATER GRADIENT OF 0.02 TO 0.0125 FEET/FOOT

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FIGURE 4

GROUNDWATER FLOW DIRECTION
JULY 23, 2021
THOMPSON FIELD
PORTION OF KING COUNTY
PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031

Drawn By: jjones | Checked By: SB | Date: 2/15/2022 | Disc Reference:

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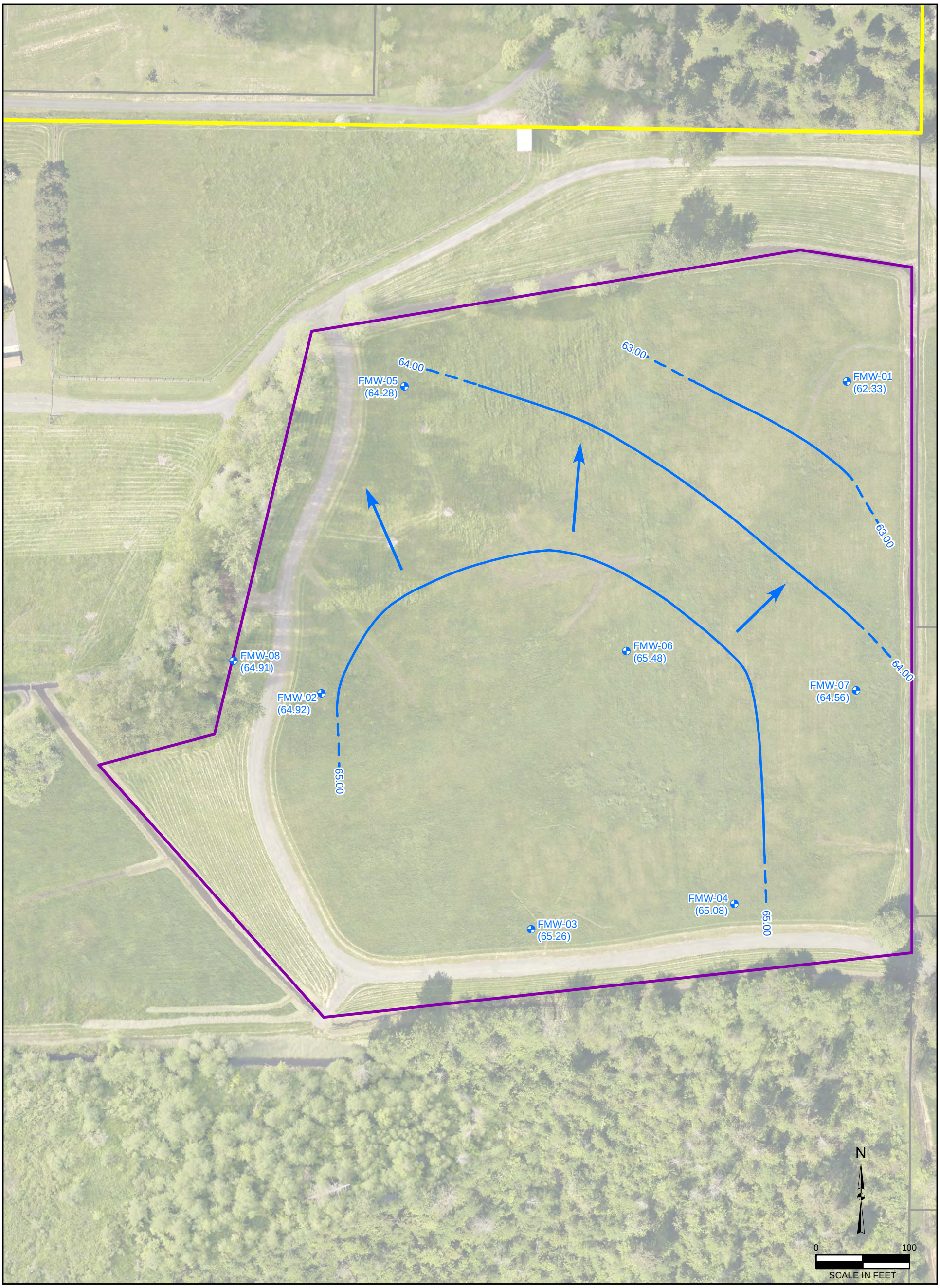

LEGEND

- MONITORING WELL (FARALLON, 2020)
- THOMPSON FIELD BOUNDARY
- PROPERTY BOUNDARY
- KING COUNTY PARCEL BOUNDARY
- INFERRED GROUNDWATER FLOW DIRECTION
- 65.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (65.26) GROUNDWATER ELEVATION IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 5

GROUNDWATER FLOW DIRECTION
NOVEMBER 15, 2021
THOMPSON FIELD
PORTION OF KING COUNTY
PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031

Drawn By: jjones | Checked By: SB | Date: 2/23/2022 | Disc Reference:

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FMW-05
(64.95)

64.75

FMW-01
(63.65)

63.75

63.75

FMW-08
(65.08)

FMW-02
(65.42)

FMW-06
(65.81)

FMW-07
(64.33)

65.75

64.75

FMW-04
(65.60)

FMW-03
(65.71)

N

0 100

SCALE IN FEET

LEGEND

- MONITORING WELL (FARALLON, 2020)
- THOMPSON FIELD BOUNDARY
- PROPERTY BOUNDARY
- KING COUNTY PARCEL BOUNDARY
- INFERRED GROUNDWATER FLOW DIRECTION
- 65.75 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (65.81) GROUNDWATER ELEVATION IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988

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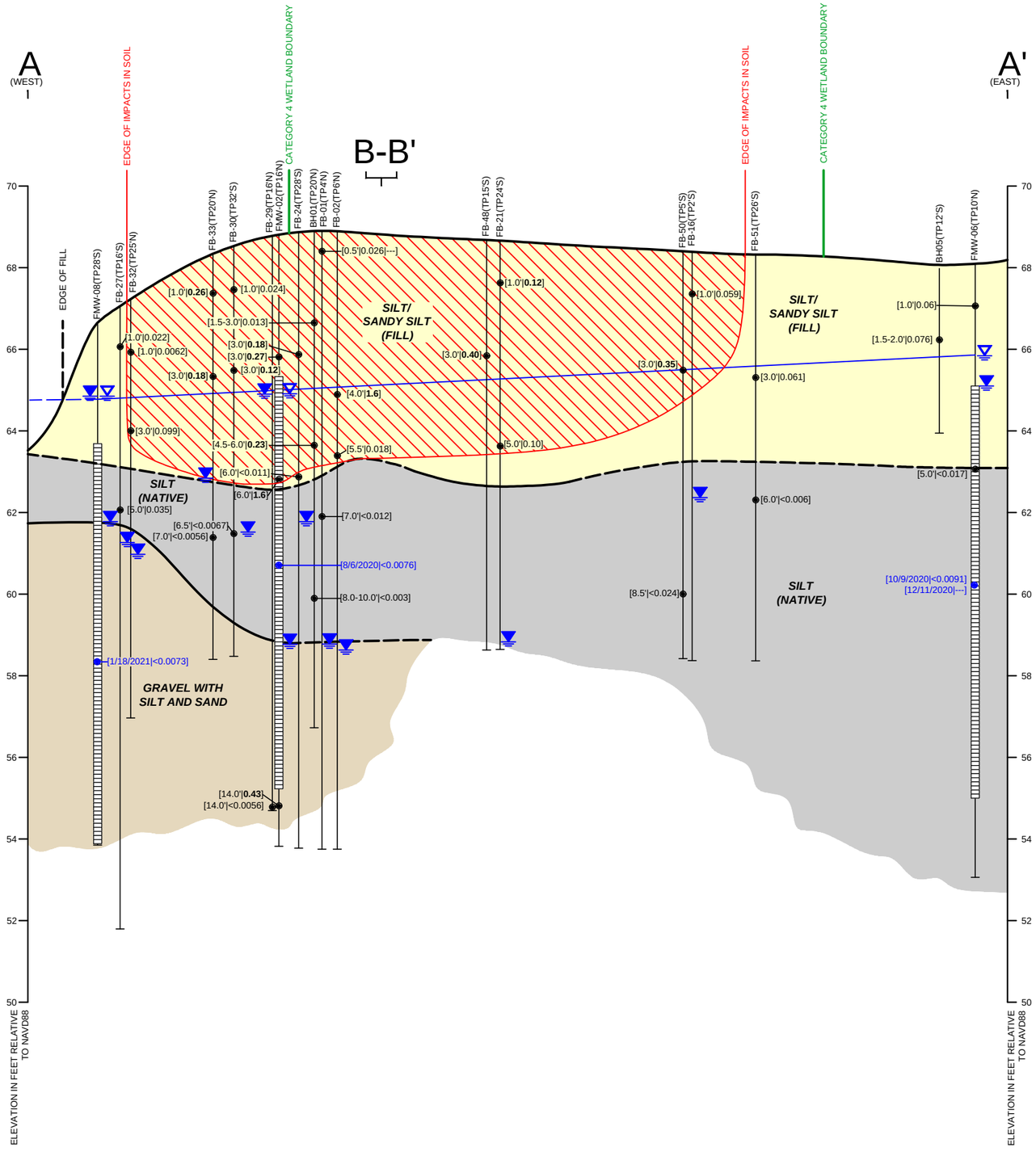
FIGURE 6

GROUNDWATER FLOW DIRECTION
JANUARY 10, 2022
THOMPSON FIELD
PORTION OF KING COUNTY
PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

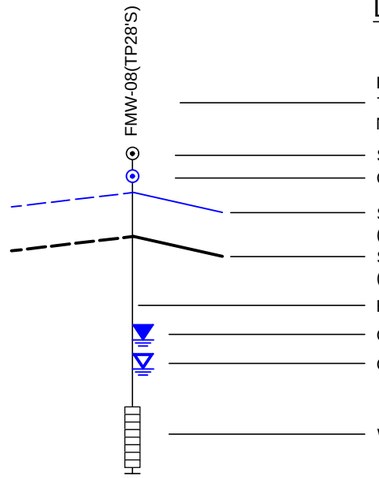
FARALLON PN: 650-031

Drawn By: jjones | Checked By: SB | Date: 2/23/2022 | Disc Reference:

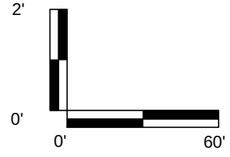
Path: Q:\Projects\650 Nelson Properties\650031 Gunshy Farm\Mapfiles\007\Figure-06_GW-2022-01-10.mxd



LEGEND



[1.0'|0.022]	=	SOIL ANALYTICAL RESULT [DEPTH IN FEET BGS|TOTAL CPAHs TEC] IN MILLIGRAMS PER KILOGRAM
[1/18/2021|<0.0073]	=	GROUNDWATER ANALYTICAL RESULT [DATE|TOTAL CPAHs TEC] IN MICROGRAMS PER LITER
<	=	INDICATES CONCENTRATIONS NOT DETECTED AT OR EXCEEDING THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
---	=	SAMPLE NOT ANALYZED
BOLD	=	INDICATES CONCENTRATIONS EXCEEDING MTCA METHOD A CLEANUP LEVEL
MTCA	=	WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION
NAVD88	=	NORTH AMERICAN VERTICAL DATUM OF 1988
BGS	=	BELOW GROUND SURFACE
CPAHs	=	CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS
TEC	=	TOXIC EQUIVALENT CONCENTRATION
	=	APPROXIMATE AREA OF SOIL WHERE CPAH TECS EXCEED MTCA METHOD A CLEANUP LEVELS



NOTES:
1. ALL LOCATIONS ARE APPROXIMATE
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

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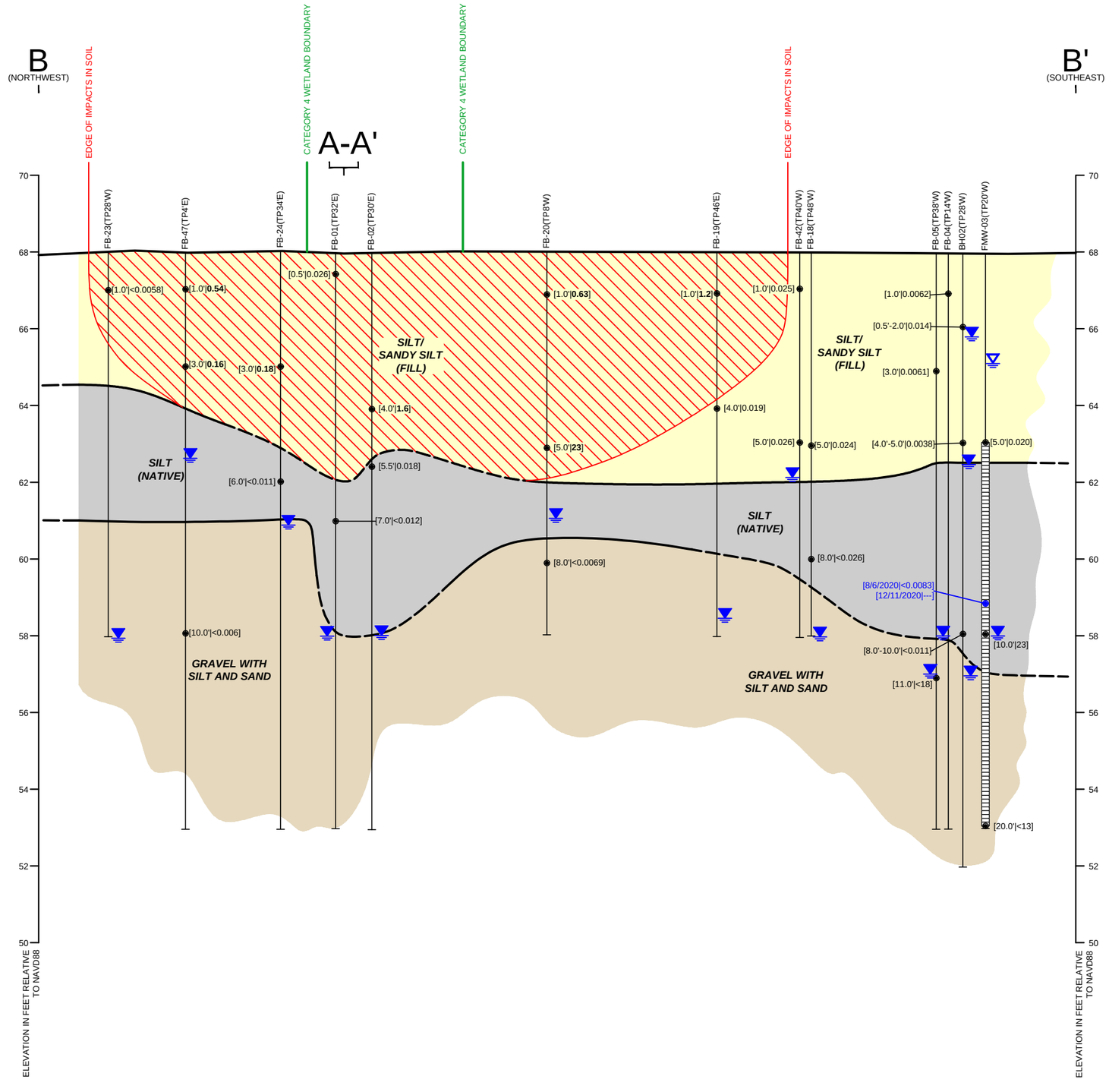
FIGURE 7

CROSS SECTION A-A'
THOMPSON FIELD PORTION OF
KING COUNTY PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031



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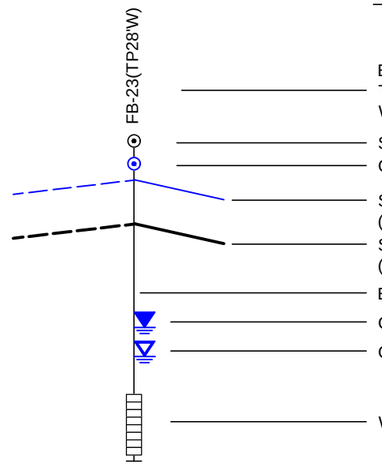

[8.0'|<0.026]	=	SOIL ANALYTICAL RESULT [DEPTH IN FEET BGS|TOTAL CPAHs TECIN MILLIGRAMS PER KILOGRAM
[12/11/2020|---]	=	GROUNDWATER ANALYTICAL RESULT [DATE|TOTAL CPAHs TEC] IN MICROGRAMS PER LITER
<	=	INDICATES CONCENTRATIONS NOT DETECTED AT OR EXCEEDING THE STATED LABORATORY PRACTICAL QUANTITATION LIMIT
---	=	SAMPLE NOT ANALYZED
BOLD	=	INDICATES CONCENTRATIONS EXCEEDING MTCA METHOD A CLEANUP LEVEL
MTCA	=	WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION
NAVD88	=	NORTH AMERICAN VERTICAL DATUM OF 1988
BGS	=	BELOW GROUND SURFACE
CPAHs	=	CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS
TEC	=	TOXIC EQUIVALENT CONCENTRATION
	=	APPROXIMATE AREA OF SOIL WHERE CPAH TECS EXCEED MTCA METHOD A CLEANUP LEVELS

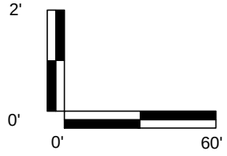

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FIGURE 8

CROSS SECTION B-B'
THOMPSON FIELD PORTION OF
KING COUNTY PARCEL NUMBER 0825069104
REDMOND, WASHINGTON

FARALLON PN: 650-031

TABLES

ADDENDUM TO REMEDIAL INVESTIGATION REPORT
THOMPSON FIELD SITE
PORTION OF KING COUNTY PARCEL NO. 0825069104
REDMOND, WASHINGTON

Farallon PN: 650-031

Table 1
Groundwater Elevations
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

Location	Top of Casing Elevation (feet NAVD88)[1]	Monitoring Date	Depth to Water (feet)[2]	Water Level Elevation (feet NAVD88)[1]
FMW-01	66.45	8/6/2020	6.60	59.85
		10/9/2020	6.33	60.12
		11/9/2020	5.61	60.84
		11/30/2020	5.20	61.25
		12/11/2020	5.31	61.14
		1/8/2021	3.50	62.95
		1/18/2021	3.96	62.49
		7/23/2021	6.67	59.78
		10/14/2021	6.42	60.03
		11/15/2021	4.12	62.33
		12/13/2021	4.57	61.88
		1/10/2022	2.80	63.65
FMW-02	68.80	8/6/2020	5.18	63.62
		10/9/2020	4.94	63.86
		11/9/2020	4.64	64.16
		11/30/2020	4.48	64.32
		12/11/2020	4.46	64.34
		1/8/2021	3.73	65.07
		1/18/2021	3.98	64.82
		7/23/2021	5.30	63.50
		10/14/2021	5.02	63.78
		11/15/2021	3.88	64.92
		12/13/2021	4.17	64.63
		1/10/2022	3.38	65.42
FMW-03	67.90	8/6/2020	3.95	63.95
		10/9/2020	3.64	64.26
		11/9/2020	3.36	64.54
		11/30/2020	3.20	64.70
		12/11/2020	3.17	64.73
		1/8/2021	2.51	65.39
		1/18/2021	2.74	65.16
		7/23/2021	3.97	63.93
		10/14/2021	3.71	64.19
		11/15/2021	2.64	65.26
		12/13/2021	2.92	64.98
		1/10/2022	2.19	65.71

Table 1
Groundwater Elevations
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

FMW-04	68.09	8/6/2020	4.28	63.81
		10/9/2020	4.06	64.03
		11/9/2020	3.76	64.33
		11/30/2020	3.59	64.50
		12/11/2020	3.55	64.54
		1/8/2021	2.55	65.54
		1/18/2021	3.06	65.03
		7/23/2021	4.41	63.68
		10/14/2021	4.14	63.95
		11/15/2021	3.01	65.08
		12/13/2021	3.30	64.79
		1/10/2022	2.49	65.60
FMW-05	68.83	10/9/2020	6.01	62.82
		11/9/2020	5.61	63.22
		11/30/2020	5.36	63.47
		12/11/2020	5.41	63.42
		1/8/2021	4.39	64.44
		1/18/2021	4.67	64.16
		7/23/2021	6.37	62.46
		10/14/2021	6.00	62.83
		11/15/2021	4.55	64.28
		12/13/2021	4.99	63.84
		1/10/2022	3.88	64.95
FMW-06	68.21	10/9/2020	3.00	65.21
		11/9/2020	2.66	65.55
		11/30/2020	2.28	65.93
		12/11/2020	2.26	65.95
		1/8/2021	1.15	67.06
		1/18/2021	2.23	65.98
		7/23/2021	3.84	64.37
		10/14/2021	4.46	63.75
		11/15/2021	2.73	65.48
		12/13/2021	3.13	65.08
		1/10/2022	2.40	65.81

Table 1
Groundwater Elevations
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

FMW-07	66.04	10/9/2020	3.01	63.03
		11/9/2020	2.22	63.82
		11/30/2020	1.92	64.12
		12/11/2020	2.03	64.01
		1/8/2021	1.96	64.08
		1/18/2021	2.11	63.93
		7/23/2021	3.91	62.13
		10/14/2021	3.11	62.93
		11/15/2021	1.48	64.56
		12/13/2021	1.80	64.24
		1/10/2022	1.71	64.33
FMW-08	66.68	1/18/2021	1.91	64.77
		7/23/2021	3.21	63.47
		10/14/2021	2.93	63.75
		11/15/2021	1.77	64.91
		12/13/2021	2.06	64.62
		1/10/2022	1.60	65.08
Surface Water				
Bottom of Bridge	67.00	12/11/2020	5.15	61.85
		1/8/2021	4.74	62.26
		1/18/2021	5.10	61.90
		7/23/2021	5.67	61.33
		10/14/2021	5.38	61.62
		11/15/2021	4.72	62.28
		12/13/2021	4.88	62.12
		1/10/2022	4.30	62.70
West Culvert	62.44	12/11/2020	--	--
		1/8/2021	0.85	61.59
		1/18/2021	1.15	61.29
		7/23/2021	1.49	60.95
		10/14/2021	0.34	62.10
		11/15/2021	0.90	61.54
		12/13/2021	0.23	62.21
		1/10/2022	1.79	60.65
North Culvert	62.54	12/11/2020	2.31	60.23
		1/8/2021	2.15	60.39
		1/18/2021	2.35	60.19
		7/23/2021	2.75	59.79
		10/14/2021	2.80	59.74
		11/15/2021	2.71	59.83
		12/13/2021	2.45	60.09
		1/10/2022	0.40	62.14

NOTES:

[1] In feet referenced to North American Vertical Datum of 1988 (NAVD88).

[2] In feet below top of well casing.

Table 2
Soil Analytical Results for PAHs
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																		
				Non-Carcinogenic PAHs												Carcinogenic PAHs						
				Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)Perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(j,k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
BK01	BK01SB01	2.5-3.0	10/23/2019	< 0.0041	---	< 0.0041	< 0.0082	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0031
	BK01SB02	4.5-6.0	10/23/2019	< 0.0041	---	< 0.0041	< 0.0082	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.0031
	BK01SB03	8.0-10	10/23/2019	< 0.0042	---	< 0.0042	< 0.0084	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0032
BH01	BH01SB01	1.5-3.0	10/23/2019	0.0026 J	---	0.0011 J	0.0037	0.0042	< 0.0039	0.0062	0.0064	0.025	0.005	0.026	0.022	0.010	0.0099	0.013	0.0041	0.0093	0.0014 J	0.0055	0.013
	BH01SB02	4.5-6.0	10/23/2019	0.14	---	0.033	0.173	0.077	0.0035 J	0.12	0.089	0.58 J	0.12	0.61	0.55	0.16	0.23	0.23	0.061	0.24	0.031	0.082	**0.23**
	BH01SB03	8.0-10.0	10/23/2019	< 0.004	---	< 0.004	< 0.008	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.003
BH02	BH02SB01	0.5-2.0	10/23/2019	0.0055	---	0.006	0.0115	0.0046	0.0038 J	0.009	0.0067	0.043	0.0081	0.053	0.0310	0.0096	0.019	0.016	0.0041	0.024	0.0019 J	0.0048	0.014
	BH02SB02	4.0-5.0	10/23/2019	0.0011 J	---	< 0.0051	0.0011	0.0013 J	< 0.0051	< 0.0051	< 0.0051	0.0016 J	0.0012 J	0.0026 J	0.0015 J	< 0.0051	< 0.0051	0.0017 J	< 0.0051	0.0013 J	< 0.0051	< 0.0051	0.0038
	BH02SB03	8.0-10.0	10/23/2019	< 0.014	---	< 0.014	< 0.028	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.011
BH03	BH03SB01	1.5-3.0	10/23/2019	0.0054	---	0.0064	0.0118	0.0095	< 0.0037	0.013	0.0018 J	0.026	0.011	0.032	0.021	0.0036 J	0.007	0.0054	0.0019 J	0.0048	< 0.0037	0.0018 J	0.0054
	BH03SB02	4.5-6.0	10/23/2019	0.0023 J	---	0.0020 J	0.0043	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0049
BH04	BH04SB01	0.5-1.0	11/6/2019	< 0.0039	---	< 0.0039	< 0.0078	< 0.0039	< 0.0039	< 0.0039	0.0010 J	0.0025 J	< 0.0039	0.0021 J	0.0032 J	0.0012 J	0.0016 J	0.0017 J	0.0011 J	0.0017 J	< 0.0039	0.0008 J	0.0019
	BH04SB02	2.0-2.5	11/6/2019	0.0010 J	---	0.0010 J	0.0020	< 0.0038	< 0.0038	0.0012 J	0.0025 J	0.0028 J	0.0009 J	0.0027 J	0.0038	0.0021 J	0.0022 J	0.0030 J	0.0021 J	0.0031 J	0.0014 J	0.0020 J	0.0032
BH05	BH05SB01	1.5-2.0	11/6/2019	0.0085	---	0.0049	0.0134	0.0042	0.0056	0.012	0.039	0.11	0.0032 J	0.051	0.14	0.054	0.068	0.078	0.025	0.072	0.009	0.031	0.076
	BH05SB02	1.5-2.0	11/6/2019	0.002 J	---	0.0018 J	0.0038	0.0032 J	0.0017 J	0.0066	0.014	0.038	0.0022 J	0.032	0.054	0.019	0.02	0.021	0.0081	0.023	0.0031	0.011	0.026
BH06	BH06SB01	1.0-1.8	11/6/2019	< 0.0040	---	< 0.0040	< 0.0080	< 0.0040	< 0.0040	< 0.0040	0.0035 J	0.0062	< 0.0040	0.0036 J	0.0094	0.0047	0.0044	0.0057	0.0022 J	0.0049	0.0009 J	0.0027 J	0.0063
	BH06SB02	2.5-3.0	11/6/2019	< 0.0037	---	< 0.0037	< 0.0074	< 0.0037	< 0.0037	< 0.0037	0.0012 J	0.0024 J	< 0.0037	0.0014 J	0.0042	0.0018 J	0.0019 J	0.0024 J	0.0011 J	0.0021 J	< 0.0037	0.0010 J	0.0026
FB-01	FB-01-0.5	0.5	7/30/2020	0.0079	< 0.0074	< 0.0074	0.0079	< 0.0074	< 0.0074	< 0.0074	0.013	0.034	< 0.0074	0.028	0.033	0.020	0.017	0.022	< 0.0074	0.019	< 0.0074	0.013	0.026
	FB-01-7.0	7.0	7/30/2020	< 0.016	< 0.016	< 0.016	< 0.048	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.012
FB-02	FB-02-4.0	4.0	7/30/2020	4.6	1.4	2.0	**8.0**	3.0	0.045	1.4	0.59	5.7	3.2	9.5	4.3	1.2	1.6	1.2	0.49	1.5	0.13	0.60	**1.6**
	FB-02-5.5	5.5	7/30/2020	0.17	< 0.018	< 0.018	0.17	< 0.018	< 0.018	< 0.018	0.019	0.04	0.025	0.044	0.033	< 0.018	< 0.018	0.037	< 0.018	0.028	< 0.018	0.019	0.018
FB-03	FB-03-1.0	1.0	7/30/2020	0.025	0.0084	0.018	0.0514	0.034	0.010	0.069	0.12	0.40	0.029	0.29	0.40	0.21	0.20	0.21	0.077	0.20	0.025	0.13	**0.28**
	FB-03-6.0	6.0	7/30/2020	2.1	0.18	0.25	2.5	0.12	< 0.019	0.028	0.023	0.12	0.074	0.17	0.082	0.022	0.037	0.044	< 0.019	0.042	< 0.019	0.023	0.035
FB-04	FB-04-1.0	1.0	7/30/2020	< 0.0077	< 0.0077	< 0.0077	< 0.0231	< 0.0077	< 0.0077	< 0.0077	< 0.0077	0.0098	< 0.0077	< 0.0077	0.0097	< 0.0077	< 0.0077	0.0079	< 0.0077	< 0.0077	< 0.0077	< 0.0077	0.0062
FB-05	FB-05-3.0	3.0	7/30/2020	< 0.0075	< 0.0075	< 0.0075	< 0.0225	< 0.0075	< 0.0075	< 0.0075	< 0.0075	0.012	< 0.0075	0.0085	0.012	< 0.0075	< 0.0075	0.0077	< 0.0075	< 0.0075	< 0.0075	< 0.0075	0.0061
FB-06	FB-06-6.0	6.0	7/30/2020	< 0.031	0.036	< 0.031	0.036	0.10	< 0.031	0.037	< 0.031	0.10	0.15	0.28	0.055	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.023
FB-07	FB-07-5.0	5.0	7/31/2020	0.041	0.028	0.031	0.10	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	0.016	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0065
FB-08	FB-08-5.5	5.5	7/31/2020	< 0.026	< 0.026	< 0.026	< 0.078	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.040 U1	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.020
FB-09	FB-09-5.0	5.0	7/31/2020	0.031	0.031	0.049	0.11	0.068	< 0.0079	0.017	< 0.0079	0.039	0.081	0.19	0.030	< 0.0079	< 0.0079	< 0.0079	< 0.0079	0.0079	< 0.0079	< 0.0079	0.0060
FB-16	FB-16-1.0	1.0	9/30/2020	< 0.0079	< 0.0079	< 0.0079	< 0.0237	< 0.0079	< 0.0079	0.0088	0.038	0.083	< 0.0079	0.041	0.078	0.052	0.040	0.073	0.017	0.051	< 0.0079	0.042	0.059
FB-17	FB-17-1.0	1.0	9/30/2020	0.094	< 0.0081	< 0.0081	0.094	< 0.0081	0.0087	0.023	0.052	0.13	< 0.0081	0.024	0.12	0.091	0.093	0.13	0.030	0.079	0.010	0.058	**0.13**
	FB-17-5.0	5.0	9/30/2020	0.21	0.12	0.14	0.47	0.26	0.0083	0.22	0.13	0.81	0.32	0.96	0.76	0.26	0.28	0.28	0.073	0.29	0.029	0.14	**0.36**
	FB-17-9.0	9.0	9/30/2020	< 0.030	< 0.030	< 0.030	< 0.090	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.023
FB-18	FB-18-5.0	5.0	9/30/2020	0.013	0.0096	0.011	0.0336	0.0077	< 0.0076	< 0.0076	0.0082	0.031	< 0.0076	0.023	0.035	0.018	0.020	0.020	< 0.0076	0.021	< 0.0076	0.0095	0.024
	FB-18-8.0	8.0	9/30/2020	< 0.035	< 0.035	< 0.035	< 0.105	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.026
FB-19	FB-19-1.0	1.0	9/30/2020	0.024	< 0.0083	< 0.0083	0.024	< 0.0083	0.084	0.24	0.29	0.92	0.020	0.086	0.99	0.68	0.93	0.92	0.28	1.0	0.076	0.39	**1.2**
	FB-19-4.0	4.0	9/30/2020	0.028	0.022	0.025	0.028	0.013	< 0.0075	0.0080	0.0089	0.029	0.018	0.046	0.035	0.014	0.014	0.015	< 0.0075	0.015	< 0.0075	0.0083	0.019
FB-20	FB-20-1.0	1.0	9/30/2020	0.11	< 0.036	< 0.036	0.11	0.052	0.042	0.19	0.23	1.3	0.058	0.58	1.1	0.46	0.61	0.52	0.18	0.56	0.050	0.24	**0.63**
	FB-20-5.0	5.0	9/30/2020	91	23	39	**153**	110	3.2	64	7.4	110	86	250	84	17	27	19	6.1	21	< 2.0	7.3	**23**
	FB-20-8.0	8.0	9/30/2020	< 0.0091	< 0.0091	< 0.0091	< 0.0273	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0069
MTCA Method A Cleanup Level for Soil[6]							**5**	**4,800[7]**	**NE**	**24,000[7]**	**NE**	**3,200[7]**	**3,200[7]**	**NE**	**2,400[7]**								**0.1**

Table 2
Soil Analytical Results for PAHs
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																		
				Non-Carcinogenic PAHs											Carcinogenic PAHs							
				Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)Perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(j,k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
FB-21	FB-21-1.0	1.0	9/30/2020	0.084	< 0.038	< 0.038	0.084	< 0.038	< 0.038	0.046	0.063	0.18	< 0.038	0.13	0.16	0.094	0.076	0.12	< 0.038	0.11	< 0.038	0.052	**0.12**
	FB-21-5.0	5.0	9/30/2020	0.027	0.0087	0.011	0.0467	0.016	< 0.0076	0.031	0.053	0.17	0.016	0.13	0.18	0.079	0.073	0.078	0.029	0.075	0.0096	0.047	0.10
FB-22	FB-22-1.0	1.0	9/30/2020	0.023	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	0.0076	< 0.0074	< 0.0074	0.0077	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0056
FB-23	FB-23-1.0	1.0	10/1/2020	< 0.0077	< 0.0077	< 0.0077	< 0.0231	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0058
FB-24	FB-24-3.0	3.0	10/1/2020	0.16	0.078	0.12	0.358	0.13	< 0.038	0.12	0.088	0.40	0.26	0.78	0.37	0.14	0.14	0.15	0.048	0.14	< 0.038	0.075	**0.18**
	FB-24-6.0	6.0	10/1/2020	0.017	< 0.015	< 0.015	0.017	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.011
FB-25	FB-25-1.0	1.0	10/1/2020	< 0.0073	< 0.0073	< 0.0073	< 0.0219	< 0.0073	< 0.0073	< 0.0073	< 0.0073	0.0086	< 0.0073	< 0.0073	0.0084	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0055
	FB-25-3.0	3.0	10/1/2020	0.24	0.041	0.052	0.333	0.050	< 0.0075	0.037	0.031	0.20	0.047	0.21	0.17	0.053	0.069	0.059	0.023	0.069	< 0.0075	0.028	0.072
	FB-25-7.5	7.5	10/1/2020	< 0.0090	< 0.0090	< 0.0090	< 0.027	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0090	< 0.0068
FB-27	FB-27-1.0	1.0	10/1/2020	< 0.0071	< 0.0071	< 0.0071	< 0.0213	< 0.0071	< 0.0071	0.0086	0.011	0.043	< 0.0071	0.042	0.038	0.016	0.017	0.019	0.0080	0.017	< 0.0071	0.010	0.022
	FB-27-5.0	5.0	10/1/2020	< 0.0074	< 0.0074	< 0.0074	< 0.0222	0.010	< 0.0074	0.021	0.012	0.079	< 0.0074	0.064	0.083	0.026	0.033	0.028	0.012	0.036	< 0.0074	0.013	0.035
FB-29	FB-29-14.0	14.0	1/8/2021	< 0.0074	< 0.0074	< 0.0074	< 0.0222	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0056
FB-30	FB-30-1.0	1.0	8/24/2021	< 0.0075	< 0.0075	< 0.0075	< 0.0225	< 0.0075	< 0.0075	< 0.0075	0.013	0.035	< 0.0075	0.028	0.036	0.018	0.016	0.021	< 0.0075	0.017	< 0.0075	0.013	0.024
	FB-30-3.0	3.0	8/24/2021	0.34	0.073	0.099	0.512	0.17	< 0.0090	0.064	0.057	0.21	0.21	0.37	0.21	0.094	0.089	0.11	0.033	0.094	0.011	0.057	**0.12**
	FB-30-6.5	6.5	8/24/2021	0.015	< 0.0089	< 0.0089	0.015	0.012	< 0.0089	< 0.0089	< 0.0089	0.029	0.019	0.066	0.022	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0067
FB-31	FB-31-1.0	1.0	8/24/2021	< 0.0077	< 0.0077	< 0.0077	< 0.0231	0.028	< 0.0077	0.12	0.072	0.34	0.040	0.36	0.33	0.14	0.14	0.15	0.053	0.14	0.017	0.076	**0.19**
	FB-31-3.0	3.0	8/24/2021	< 0.011	< 0.011	< 0.011	< 0.033	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.0083
	FB-31-6.0	6.0	8/24/2021	< 0.0078	< 0.0078	< 0.0078	< 0.0234	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0059
FB-32	FB-32-1.0	1.0	8/24/2021	< 0.0075	< 0.0075	< 0.0075	< 0.0225	< 0.0075	< 0.0075	< 0.0075	< 0.0075	0.013	< 0.0075	0.0076	0.012	< 0.0075	< 0.0075	0.0088	< 0.0075	< 0.0075	< 0.0075	< 0.0075	0.0062
	FB-32-3.0	3.0	8/24/2021	0.27	0.062	0.080	0.412	0.092	< 0.0085	0.063	0.046	0.26	0.098	0.38	0.21	0.074	0.075	0.081	0.031	0.084	0.0089	0.043	0.099
FB-33	FB-33-1.0	1.0	8/24/2021	0.0075	0.0099	0.0081	0.0255	0.036	< 0.0070	0.11	0.12	0.67	0.036	0.54	0.54	0.20	0.20	0.22	0.056	0.20	0.023	0.12	**0.26**
	FB-33-3.0	3.0	8/24/2021	0.10	0.051	0.087	0.238	0.12	< 0.0077	0.065	0.082	0.29	0.14	0.38	0.29	0.14	0.12	0.15	0.052	0.12	0.017	0.089	**0.18**
	FB-33-7.0	7.0	8/24/2021	< 0.0074	< 0.0074	< 0.0074	< 0.0222	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0056
FB-35	FB-35-1.0	1.0	8/24/2021	< 0.0069	< 0.0069	< 0.0069	< 0.0207	< 0.0069	< 0.0069	< 0.0069	< 0.035	0.018	< 0.0069	0.0082	0.019	< 0.035	0.011	< 0.035	< 0.035	0.015	< 0.035	< 0.035	0.026
FB-36	FB-36-2.0	2.0	8/24/2021	< 0.0073	< 0.0073	< 0.0073	< 0.0219	< 0.0073	< 0.0073	0.0079	0.015	0.054	< 0.0073	0.039	0.046	0.022	0.020	0.025	0.0091	0.023	< 0.0073	0.014	0.029
FB-37	FB-37-1.0	1.0	8/24/2021	< 0.0069	< 0.0069	< 0.0069	< 0.0207	< 0.0069	< 0.0069	< 0.0069	< 0.0069	0.0080	< 0.0069	< 0.0069	0.0091	0.0072	< 0.0069	0.0099	< 0.0069	0.0070	< 0.0069	< 0.0069	0.0096
	FB-37-5.0	5.0	8/24/2021	0.098	0.033	0.047	0.178	0.036	< 0.012	< 0.012	< 0.012	0.027	0.041	0.057	0.023	0.016	< 0.012	0.024	< 0.012	0.018	< 0.012	< 0.012	0.021
FB-39	FB-39-1.0	1.0	8/24/2021	< 0.0069	< 0.0069	< 0.0069	< 0.0207	0.0087	< 0.0069	0.045	0.052	0.14	0.0092	0.089	0.14	0.082	0.065	0.10	0.030	0.078	0.011	0.059	**0.11**
	FB-39-3.0	3.0	8/24/2021	< 0.0081	< 0.0081	< 0.0081	< 0.0243	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0061
	FB-39-6.0	6.0	8/24/2021	< 0.023	< 0.023	< 0.023	< 0.069	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.017
FB-40	FB-40-1.0	1.0	8/24/2021	< 0.0071	< 0.0071	< 0.0071	< 0.0213	< 0.0071	0.019	0.028	0.041	0.041	< 0.0071	0.015	0.049	0.060	0.049	0.13	0.027	0.083	0.011	0.049	0.087
	FB-40-3.0	3.0	8/24/2021	0.012	0.029	0.044	0.085	< 0.0077	0.014	0.030	0.033	0.083	0.022	0.095	0.097	0.033	0.035	0.050	0.0089	0.079	0.0080	0.020	0.046
	FB-40-8.0	8.0	8/24/2021	< 0.017	< 0.017	< 0.017	< 0.051	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.013
FB-41	FB-41-1.0	1.0	8/24/2021	< 0.0070	< 0.0070	< 0.0070	< 0.021	< 0.0070	0.031	0.053	0.069	0.039	< 0.0070	0.011	0.045	0.062	0.032	0.12	0.021	0.055	0.014	0.080	0.089
	FB-41-3.0	3.0	8/24/2021	0.011	0.0081	0.010	0.0291	0.12	0.037	0.64	0.35	2.3	0.36	2.7	1.6	0.67	0.77	0.72	0.31	0.82	0.076	0.38	**0.9**
	FB-41-5.0	5.0	8/24/2021	< 0.0075	< 0.0075	< 0.0075	< 0.0225	< 0.0075	< 0.0075	< 0.0075	0.014	0.015	< 0.0075	0.017	0.022	0.013	0.012	0.017	< 0.0075	0.029	< 0.0075	0.0089	0.018
FB-42	FB-42-1.0	1.0	8/24/2021	< 0.0071	< 0.0071	< 0.0071	< 0.0213	< 0.0071	< 0.0071	< 0.0071	0.012	0.039	< 0.0071	0.031	0.038	0.019	0.018	0.023	< 0.0071	0.019	< 0.0071	0.012	0.025
	FB-42-3.0	3.0	8/24/2021	0.42	0.44	0.56	1.42	0.14	0.016	0.066	0.014	0.083	0.27	0.61	0.070	0.020	0.018	0.023	< 0.0078	0.022	< 0.0078	0.013	0.026
FB-44	FB-44-1.0	1.0	8/24/2021	< 0.0069	< 0.0069	< 0.0069	< 0.0207	< 0.0069	< 0.0069	< 0.0069	0.010	0.024	< 0.0069	0.019	0.024	0.015	0.012	0.019	< 0.0069	0.018	< 0.0069	0.010	0.02
	FB-44-3.0	3.0	8/24/2021	0.017	0.017	0.024	0.058	< 0.0082	< 0.0082	< 0.0082	< 0.0082	0.029	0.017	0.061	0.029	0.0083	0.0092	0.0097	< 0.0082	0.011	< 0.0082	< 0.0082	0.012
MTCA Method A Cleanup Level for Soil[6]							**5**	**4,800[7]**	**NE**	**24,000[7]**	**NE**	**3,200[7]**	**3,200[7]**	**NE**	**2,400[7]**								**0.1**

Table 2
Soil Analytical Results for PAHs
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																	
				Non-Carcinogenic PAHs												Carcinogenic PAHs							
				Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)Perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(j,k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
FB-46	FB-46-1.0	1.0	8/24/2021	< 0.0069	< 0.0069	< 0.0069	< 0.0207	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0069	< 0.0052
	FB-46-3.0	3.0	8/24/2021	0.13	0.039	0.050	0.219	0.072	< 0.0076	0.085	0.066	0.29	0.083	0.35	0.29	0.12	0.12	0.12	0.037	0.14	0.014	0.062	**0.16**
	FB-46-7.5	7.5	8/24/2021	< 0.015	< 0.015	< 0.015	< 0.045	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.011
FB-47	FB-47-1.0	1.0	8/24/2021	0.0073	0.0072	0.0084	0.0229	0.027	0.012	0.10	0.19	1.0	0.029	0.43	1.1	0.40	0.37	0.59	0.13	0.52	0.051	0.22	**0.54**
	FB-47-3.0	3.0	8/24/2021	0.36	0.29	0.46	1.11	0.49	0.015	0.083	0.054	0.88	0.36	0.44	0.88	0.11	0.19	0.16	0.058	0.24	0.010	0.057	**0.16**
	FB-47-10.0	10.0	8/24/2021	< 0.0079	< 0.0079	0.0082	0.0082	0.0095	< 0.0079	< 0.0079	< 0.0079	0.0093	0.0079	0.0087	0.0082	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.006
FB-48	FB-48-3.0	3.0	8/26/2021	0.025	0.012	0.015	0.052	0.034	0.095	0.17	0.16	0.54	0.041	0.69	0.78	0.31	0.33	0.30	0.074	0.33	0.034	0.15	**0.40**
FB-49	FB-49-1.0	1.0	8/26/2021	0.0089	0.0079	0.0083	0.0251	0.11	0.0098	0.56	0.48	2.2	0.15	1.8	2.0	0.92	0.93	0.93	0.37	1.0	0.12	0.52	**1.2**
	FB-49-3.0	3.0	8/26/2021	< 0.079	< 0.079	0.12	0.12	< 0.079	< 0.079	< 0.079	0.10	0.16	< 0.079	0.15	0.22	0.10	0.094	0.14	< 0.079	0.33	< 0.079	< 0.079	**0.14**
	FB-49-6.0	6.0	8/26/2021	0.028	< 0.016	< 0.016	0.028	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	0.029	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.012
FB-50	FB-50-3.0	3.0	8/26/2021	0.78	0.23	0.36	1.37	0.29	0.048	0.23	0.15	0.72	0.44	1.4	0.71	0.27	0.24	0.27	0.095	0.26	0.030	0.15	**0.35**
	FB-50-8.5	8.5	8/26/2021	< 0.032	< 0.032	< 0.032	< 0.096	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.024
FB-51	FB-51-3.0	3.0	8/26/2021	0.16	0.040	0.061	0.261	0.12	< 0.0083	0.10	0.029	0.33	0.29	0.82	0.24	0.043	0.064	0.061	0.019	0.072	< 0.0083	0.023	0.061
	FB-51-6.0	6.0	8/26/2021	< 0.0079	< 0.0079	< 0.0079	< 0.0237	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.006
FB-53	FB-53-5.0	5.0	8/26/2021	0.013	< 0.0088	< 0.0088	0.013	0.019	< 0.0088	0.012	0.018	0.049	0.018	0.043	0.053	0.024	0.023	0.028	< 0.0088	0.034	< 0.0088	0.015	0.032
FMW-02	FMW-02-3.0	3.0	7/30/2020	1.1	0.36	0.54	2.0	0.70	0.012	0.28	0.11	0.94	1.1	2.1	0.78	0.20	0.26	0.23	0.081	0.25	0.025	0.11	**0.27**
	FMW-02-6.0	6.0	7/30/2020	2.5	1.2	1.7	**5.4**	3.3	0.055	1.7	0.64	5.5	4.9	13	4.2	1.2	1.5	1.3	0.48	1.5	0.15	0.63	**1.6**
	FMW-02-14.0	14.0	7/30/2020	0.86 H	0.44 H	0.56 H	1.86 H	1.2 H	0.031 H	0.53 H	0.16 H	2.6 H	1.5 H	4.6 H	2.1 H	0.30 H	0.57 H	0.38 H	0.11 H	0.48 H	0.036 H	0.19 H	**0.43**
FMW-03	FMW-03-5.0	5.0	7/31/2020	< 0.027	< 0.027	< 0.027	< 0.081	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.020
FMW-04	FMW-04-6.0	6.0	7/31/2020	0.051	0.059	0.092	0.20	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	0.013	0.023	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0067
FMW-05	FMW-05-1.0	1.0	10/1/2020	< 0.0081	< 0.0081	< 0.0081	< 0.0243	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0061
	FMW-05-6.0	6.0	10/1/2020	0.029	< 0.011	< 0.011	0.029	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.018	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.0083
FMW-06	FMW-06-1.0	1.0	10/1/2020	< 0.015	< 0.015	< 0.015	< 0.045	< 0.015	0.017	0.026	0.039	0.030	< 0.015	< 0.015	0.029	0.043	0.034	0.064	0.017	0.075	< 0.015	0.044	0.06
	FMW-06-5.0	5.0	10/1/2020	< 0.022	< 0.022	< 0.022	< 0.066	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.017
FMW-07	FMW-07-1.0	1.0	10/1/2020	< 0.0075	< 0.0075	< 0.0075	< 0.0225	< 0.0075	< 0.0075	< 0.0075	< 0.0075	0.021	< 0.0075	0.019	0.021	0.011	0.012	0.015	< 0.0075	0.012	< 0.0075	< 0.0075	0.015
	FMW-07-5.0	5.0	10/1/2020	< 0.031	< 0.031	< 0.031	< 0.093	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.023
MTCA Method A Cleanup Level for Soil [6]							**5**	**4,800[7]**	**NE**	**24,000[7]**	**NE**	**3,200[7]**	**3,200[7]**	**NE**	**2,400[7]**								**0.1**

Table 2
Soil Analytical Results for PAHs
Thompson Field
King County Parcel No. 0825069104
Redmond, Washington
Farallon PN: 650-031

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																		
				Non-Carcinogenic PAHs												Carcinogenic PAHs						
				Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)Perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(j,k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
Upland Sample Locations																						
FB-10	FB-10-3.0	3.0	9/30/2020	0.048	0.011	0.020	0.079	0.033	< 0.0083	0.016	< 0.0083	0.012	0.024	0.045	0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0063
FB-11	FB-11-5.0	5.0	9/30/2020	< 0.0080	< 0.0080	< 0.0080	< 0.024	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0060
FB-12	FB-12-5.0	5.0	9/30/2020	< 0.0080	< 0.0080	< 0.0080	< 0.024	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0060
FB-13	FB-13.1.0	1.0	9/30/2020	< 0.0082	< 0.0082	< 0.0082	< 0.0246	< 0.0082	< 0.0082	< 0.0082	< 0.0082	0.031	< 0.0082	< 0.0082	0.010	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0062
FB-14	FB-14-1.0	1.0	9/30/2020	< 0.0078	< 0.0078	< 0.0078	< 0.0234	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0078	< 0.0059
MTCA Method A Cleanup Level for Soil [6]							**5**	**4,800[7]**	**NE**	**24,000[7]**	**NE**	**3,200[7]**	**3,200[7]**	**NE**	**2,400[7]**							**0.1**

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding MTCA cleanup levels.

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

— denotes sample not analyzed.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8270E/SIM.

[3]Sum of naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.

[4]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.

[5]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the TEC.

[6]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, unless otherwise noted.

[7]Washington State Department of Ecology Cleanup Levels and Risk Calculations, under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

H = sample analyzed outsdie of holding time

NE = not established

PAHs = polycyclic aromatic hydrocarbons

TEC = toxic equivalent concentration

U1 = The reporting limit is elevated due to interferences present in the sample.

ATTACHMENT A
BORING LOGS

ADDENDUM TO REMEDIAL INVESTIGATION REPORT
THOMPSON FIELD SITE
PORTION OF KING COUNTY PARCEL NO. 0825069104
REDMOND, WASHINGTON

Farallon PN: 650-031

FARALLON CONSULTING

Log of Boring: FB-30

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 0830
Date/Time Completed: 8/24/21 @0845
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~7.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-2.0': Silty SAND (70% sand, 20% silt, 10% gravel), fine sand, brown, moist to dry, organic odor.	SM		80	2.9	FB-30-1.0	X	
		2.0-4.0': Silty SAND (70% sand, 30% silt), fine sand, brownish gray, moist, no odor, some wood debris present.	SM			4.2	FB-30-3.0	X	
		4.0-5.0': No Recovery.							Bentonite
5		5.0-6.5': SILT (80% silt, 10% sand, 10% gravel), gray, moist, no odor.	ML		30				
		6.5-10.0': No Recovery.				1.3	FB-30-6.5	X	Water Level
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-31

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 0847
Date/Time Completed: 8/24/21 @0900
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.5
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Silty SAND (70% sand, 20% silt, 10% gravel), fine and medium sand, brown, dry, no odor.	SM		70	1.2	FB-31-1.0		
		1.5-3.5': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, organic odor, trace grass and wood debris present.	SM			1.3	FB-31-3.0		
		3.5-5.': No Recovery.							Bentonite
5		5.0-7.0': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, moist, wet @ 6.5 feet bgs, no odor.	SW-SM		40	1.2	FB-31-6.0		Water Level
		7.0-10.0': No Recovery.							
10		10.0-11.5': SILT with sand (80% silt, 20% sand), fine and medium sand, brown, wet, no odor.	ML		30	2.1	FB-31-10.0		
		11.5-15.0': No Recovery.							
15									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-32

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 0910
Date/Time Completed: 8/24/21 @0922
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND with gravel (80% sand, 15% gravel, 5% silt), fine and medium sand, fine and coarse gravel, brown, dry, organic odor, trace grass debris present.	SP		60	1.0	FB-32-1.0		
		1.5-3.0': Silty SAND (80% sand, 20% silt), fine and medium sand, brownish red, moist, organic odor.	SM						
		3.0-5.0': No Recovery.				1.0	FB-32-3.0		Bentonite
5		5.0-6.0': SILT (90% silt, 10% sand), fine sand, brown, moist, no odor.	ML		40				Water Level
		6.0-7.0': SILT (90% silt, 10% sand), fine sand, gray, wet, no odor.	ML			1.3	FB-32-6.0		
		7.0-10.0': No Recovery.				0.5	FB-32-7.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-33

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 0925
Date/Time Completed: 8/24/21 @0933
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60	0.6	FB-33-1.0	X	
		1.5-3.0': Silty SAND (80% sand, 20% silt), fine and medium sand, dark brown, moist, trace wood debris present.	SM						
		3.0-5.0': No Recovery.				0.5	FB-33-3.0	X	Bentonite
5		5.0-6.0': SILT with sand (80% silt, 20% sand), brown, moist, no odor.	ML		40				Water Level
		6.0-7.0': Silty SAND (60% sand, 30% silt, 10% gravel), fine and medium sand, brownish gray, moist to wet, no odor.	SM						
		7.0-10.0': No Recovery.				0.8	FB-33-7.0	X	
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-34

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 0950
Date/Time Completed: 8/24/21 @ 1005
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60	1.3	FB-34-1.0		
		1.5-3.0': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, no odor, trace wood debris present.	SM			0.4	FB-34-3.0		Bentonite
5		3.0-5.0': No Recovery.							
		5.0-9.0': SILT (90% silt, 10% sand), brown, moist to wet, wet at 6.0 feet bgs, no odor.	ML		80	0.2	FB-34-6.0		Water Level
						0.0	FB-34-8.0		
		9.0-10.0': No Recovery.							
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: X: NA Y: NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-35

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1005
Date/Time Completed: 8/24/21 @ 1015
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.5
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, grass debris present.	SP		20				
		1.0-5.0': No Recovery.				0.4	FB-35-1.0		
5		5.0-6.5': SILT (90% silt, 10% sand), brown, moist, slight sulfur-like odor.	ML		40	0.0	FB-35-6.0		Bentonite; Water Level
		6.5-7.0': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine and coarse gravel, brownish gray, wet, no odor.	SW-SM			0.1	FB-35-7.0		
		7.0-10.0': No Recovery.							
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-36

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1016
Date/Time Completed: 8/24/21 @ 1022
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		40	0.7	FB-36-1.0		
		1.5-5.0': Silty SAND (80% sand, 20% silt), fine and medium sand, dark brown, moist, no odor, trace wood debris present.	SM						
		2.0-5.0': No Recovery.				0.8	FB-36-2.0		
5		5.0-6.0': SILT (90% silt, 10% sand), brown, moist, no odor.	ML		50				Bentonite
		6.0-7.5': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine and coarse gravel, brown, moist to wet, no odor.	SW-SM			0.9	FB-36-6.0		Water Level
		7.5-10.0': No Recovery.				0.7	FB-36-7.5		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-37

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1047
Date/Time Completed: 8/24/21 @ 1057
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~7.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		50	0.1	FB-37-1.0	X	
		1.5-5.0': No Recovery.							Bentonite
5		5.0-7.0': SILT (90% silt,10% sand), brown, moist, no odor.	ML		60	0.4	FB-37-5.0	X	Water Level
		7.0-8.0': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine and coarse gravel, gray, wet, no odor.	SW-SM						
		8.0-10.0': No Recovery.				0.1	FB-37-8.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-38

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1100
Date/Time Completed: 8/24/21 @ 1105
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 5.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		70	0.4	FB-38-1.0		
		1.5-3.5': Silty SAND (80% sand, 20% silt), fine and medium sand, brown with gray mottling, moist, no odor, trace wood debris present.	SM			0.5	FB-38-3.0		Bentonite
5		3.5-5.0': No Recovery. Refusal @ 5.0 feet bgs.							

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-39

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1112
Date/Time Completed: 8/24/21 @ 1123
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60	1.8	FB-39-1.0	X	
		1.5-3.0': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, no odor, trace wood debris present.	SM			0.8	FB-39-3.0	X	
5		3.0-5.0': No Recovery.							
		5.0-8.0': SILT (90% silt, 10% sand), brown, moist, no odor.	ML		80	0.3	FB-39-6.0	X	Bentonite
		8.0-9.0': SILT (90% silt, 10% sand), gray, moist, no odor.	ML			0.5	FB-39-9.0		
10		9.0-10.0': 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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

Log of Boring: FB-40

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1125
Date/Time Completed: 8/24/21 @ 1135
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris.	SP		70	0.6	FB-40-1.0	X	
		1.5-3.5': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, no odor, trace wood debris present.	SM			1.5	FB-40-3.0	X	
		3.5-5.0': No Recovery.							
5		5.0-6.0': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, no odor, wood debris present.	SM		60				Bentonite
		6.0-8.0': SILT (90% silt, 10% sand), brown, moist, no odor.	ML						
		8.0-10.0': No Recovery.				0.6	FB-40-8.0	X	
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-41

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1136
Date/Time Completed: 8/24/21 @ 1144
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris.	SP		70	0.7	FB-41-1.0	X	
		1.5-3.5': Silty SAND (80% sand, 20% silt), fine sand, gray, moist, no odor.	SM			1.2	FB-41-3.0	X	
		3.5-5.0': No Recovery.							
5		5.0-5.5': SILT with sand (80% silt, 20% sand), gray, moist, no odor, trace wood debris present.	ML		40	1.1	FB-41-5.0	X	Bentonite
		5.5-7.0': SILT (90% silt, 10% sand), brown, moist, sulfur-like odor.	ML						
		7.0-10.0': No Recovery.				0.8	FB-41-7.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-42

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1258
Date/Time Completed: 8/24/21 @ 1307
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~6.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60				
		1.0-3.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, brown moist, no odor, trace wood and metal debris present.	SM			3.5	FB-42-1.0	X	
		3.0-5.0': No Recovery.				1.8	FB-42-3.0	X	Bentonite
5		5.0-6.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, brown, moist, no odor, trace wood and metal debris present.	SM		80				Water Level
		6.0-9.0': SILT (90% silt, 10% sand), brown, moist to wet, slight sulfur-like odor.	ML			0.4	FB-42-6.0		
		9.0-10.0': No Recovery.				0.1	FB-42-9.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-43

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1309
Date/Time Completed: 8/24/21 @ 1321
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~7.0
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		30				
		1.0-1.5': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, no odor.	SM			0.2	FB-43-1.0		
		1.5-5.0': No Recovery.							Bentonite
5		5.0-6.0': Silty SAND (80% sand, 20% silt), fine and medium sand, brown, moist, no odor.	SM		60				
		6.0-7.0': SILT with sand (60% silt, 40% sand), fine sand, brown, moist, no odor, wood debris present.	ML			0.6	FB-43-6.0		Water Level
		7.0-8.0': SILT (90% silt, 10% sand), brown, moist to wet, no odor.	ML						
		8.0-10.0': No Recovery.				0.0	FB-43-8.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-44

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1322
Date/Time Completed: 8/24/21 @ 1340
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): ~10.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Lithologic Description	USCS	% Recovery	PID (ppm)	Sample ID	Boring/Well Construction Details
0	0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP	60	0.1	FB-44-1.0	
	1.5-3.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor, wood debris present.	SM				
	3.0-5.0': No Recovery			0.6	FB-44-3.0	
5	5.0-5.5': Silty SAND (80% sand, 20% silt) fine sand, brown, moist, no odor, wood debris present.	SM	10			Bentonite
	5.5-10.0': No Recovery.					
10	10.0-11.0': SILT (90% silt, 10% sand), brown, wet, no odor, wood debris present.	ML	40	0.2	FB-44-10.0	Water Level ▼
	11.0-12.0': SILT (90% silt, 10% sand), gray, wet, no odor.	ML				
	12.0-15.0': No Recovery.			0.0	FB-44-12.0	
15						

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-45

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1341
Date/Time Completed: 8/24/21 @ 1357
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60	1.3	FB-45-1.0		
		1.5-3.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor, trace wood and charred wood debris present.	SM						
		3.0-5.0': No Recovery.				0.6	FB-45-3.0		
5		5.0-6.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor, trace wood and charred wood debris present.	SM		50				Bentonite
		6.0-7.5': SILT (90% silt, 10% sand), brown, moist, sulfur-like odor, trace wood debris present.	ML			0.6	FB-45-6.0		
		7.0-10.0': No Recovery.				0.1	FB-45-7.5		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-46

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1450
Date/Time Completed: 8/24/21 @ 1506
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		90	1.6	FB-46-1.0	X	
		1.5-4.5': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor.	SM			1.4	FB-46-3.0	X	
		4.5-5.0': No Recovery.							
5		5.0-6.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor.	SM		50				Bentonite
		6.0-7.5': SILT (90% silt, 10% sand), brown, moist, no odor, wood debris present.	ML			0.4	FB-46-6.0		
		7.5-10.0': No Recovery.				0.3	FB-46-7.5	X	
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-47

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/24/21 @ 1515
Date/Time Completed: 8/24/21 @ 1535
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): ~5.5
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60				
		1.0-3.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor, wood debris present.	SM			0.0	FB-47-1.0	X	
		3.0-5.0': No Recovery.				0.3	FB-47-3.0	X	
5		5.0-5.5': Silty SAND (80% sand, 20% silt), fine sand, brown, wet, no odor.	SM		10				Water level
		5.5-10.0': No Recovery.							Bentonite
10		10.0-11.0': Silty GRAVEL with sand (70% gravel, 15% sand, 15% silt), fine and coarse gravel, fine sand, gray, wet, no odor.	GM		50	0.0	FB-47-10.0	X	
		11.0-12.5': SILT (90% silt, 10% sand), gray, wet, no odor.	ML						
		12.5-15.0': No Recovery.				0.0	FB-47-12.5		
15									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-48

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/26/21 @ 1100
Date/Time Completed: 8/26/21 @ 1109
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60				
		1.5-3.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, gray, moist, no odor, wood debris present.	SM						
		3.0-5.0': No Recovery.				3.4	FB-48-3.0	X	
5		5.0-7.0': SILT (90% silt, 10% sand), brown, moist, no odor, trace grass debris present.	ML		40	1.5	FB-48-6.0		Bentonite
		7.0-10.0': No Recovery.							
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-49

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/26/21 @ 1115
Date/Time Completed: 8/26/21 @ 1130
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60				
		1.0-3.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, brownish gray, moist, no odor, wood and glass debris present.	SM			0.5	FB-49-1.0	X	
		3.0-5.0': No Recovery.				19.8	FB-49-3.0	X	
5		5.0-5.5': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, brownish gray, moist, no odor, wood and grass debris present.	SM		60				Bentonite
		5.5-7.5': SILT (90% silt, 10% sand), brown, moist, no odor, grass debris present.	ML			6.6	FB-49-6.0	X	
		7.5-8.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, gray, moist, no odor.	SM						
		8.0-10.0': No Recovery.				13.3	FB-49-8.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

Log of Boring: FB-50

FARALLON CONSULTING

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/26/21 @ 1145
Date/Time Completed: 8/26/21 @ 1157
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		70				
		1.5-3.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine, brown, wood and brick debris present.	SM						
		3.0-5.0': No Recovery.				49.6	FB-50-3.0	X	
5		5.0-5.5': Silty SAND (80% sand, 15% silt, 5% gravel), fine, brown, moist, grass debris present.	SM		80	113	FB-50-5.0		Bentonite
		5.5-6.5': Brick and concrete debris.	DB						
		6.5-9.0': SILT (90% silt, 10% sand), brown, moist, slight sulfur-like odor.	ML			2.4	FB-50-8.5	X	
		9.0-10.0': No Recovery.							
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-51

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/26/21 @ 1220
Date/Time Completed: 8/26/21 @ 1229
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 10.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		70				
		0.5-2.5': Silty SAND (80% sand, 15% silt, 5% gravel), fine abd medium sand, gray, moist, no odor, trace brick debris present.	SM			23.9	FB-51-1.0		
		2.5-3.5': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, wood debris present.	SM			13.0	FB-51-3.0		
		3.5-5.0': No Recovery							
5		5.0-6.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, grass and wood debris present.	SM		60				Bentonite
		6.0-8.0': SILT (90% silt, 10% sand), brown, moist, slight sulfur-like odor, grass debris present.	ML			89.1	FB-51-6.0		
		8.0-10.0': No Recovery.				3.3	FB-51-8.0		
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-52

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/26/21 @ 1233
Date/Time Completed: 8/26/21 @ 1241
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 5.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris.	SP		60				
		1.0-3.0': Silty SAND (80% sand, 20% silt), fine sand, gray, moist, no odor, wood debris present.	SM						Bentonite
		3.0-5.0': No Recovery.				7.5	FB-52-3.0		
5									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

FARALLON CONSULTING

Log of Boring: FB-53

Client: Estate of Barbara J. Nelson
Project: Gunshy Farm
Location: Redmond, WA

Farallon PN: 650-031

Logged By: E. Bugge

Date/Time Started: 8/26/21 @ 1348
Date/Time Completed: 8/26/21 @ 1359
Equipment: GeoProbe 7822DT
Drilling Company: Holt Drilling
Drilling Foreman: Mike Denning
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): NE
Total Boring Depth (ft bgs): 12.0
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.5': Poorly graded SAND (90% sand, 10% gravel), fine sand, brown, dry, no odor, trace grass debris present.	SP		60				
		1.5-3.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine sand, brownish gray, no odor, moist, wood debris present.	SM						
		3.0-5.0': No Recovery.							
5		5.0-6.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine sand, brownish gray, no odor, moist, wood debris present.	SM		40	34.2	FB-53-1.0	X	Bentonite
		6.0-8.0': SILT (90% silt, 10% sand), brown, moist, no odor, grass debris present.	ML						
		8.0-12.0': No Recovery.							
10									

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: NA
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Surveyed Location: **X:** NA **Y:** NA
Unique Well ID: NA

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

ADDENDUM TO REMEDIAL INVESTIGATION REPORT
THOMPSON FIELD SITE
PORTION OF KING COUNTY PARCEL NO. 0825069104
REDMOND, WASHINGTON

Farallon PN: 650-031

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

August 30, 2021

Stuart Brown
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 650-031
Laboratory Reference No. 2108-262

Dear Stuart:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2021.

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: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

Case Narrative

Samples were collected on August 24, 2021 and received by the laboratory on August 25, 2021. 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.

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-30-1.0**					
Laboratory ID:	08-262-01					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.028**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.035**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.036**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.016**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.017**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.021**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.018**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.013**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.013**	0.0075	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*41 - 114*				
Pyrene-d10	*90*	*39 - 115*				
Terphenyl-d14	*89*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-30-3.0**					
Laboratory ID:	08-262-02					
Naphthalene	**0.34**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.099**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**0.073**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.17**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.21**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.37**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.064**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.21**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.21**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.089**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.094**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.11**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**0.033**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.094**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.057**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**0.011**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.057**	0.0090	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*41 - 114*				
Pyrene-d10	*82*	*39 - 115*				
Terphenyl-d14	*78*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-30-6.5**					
Laboratory ID:	08-262-03					
Naphthalene	**0.015**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.012**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.019**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.066**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.029**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.022**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0089	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*58*	*41 - 114*				
Pyrene-d10	*77*	*39 - 115*				
Terphenyl-d14	*80*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-33-1.0**					
Laboratory ID:	08-262-12					
Naphthalene	**0.0075**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.0081**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**0.0099**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.036**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.036**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.54**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.11**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.67**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.54**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.20**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.20**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.22**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**0.056**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.20**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.12**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**0.023**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.12**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*41 - 114*				
Pyrene-d10	*93*	*39 - 115*				
Terphenyl-d14	*91*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-33-3.0**					
Laboratory ID:	08-262-13					
Naphthalene	**0.10**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.087**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**0.051**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.12**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.14**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.38**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.065**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.29**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.29**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.12**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.12**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.15**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**0.052**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.14**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.089**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**0.017**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.082**	0.0077	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*52*	*41 - 114*				
Pyrene-d10	*74*	*39 - 115*				
Terphenyl-d14	*70*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-33-7.0**					
Laboratory ID:	08-262-14					
Naphthalene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0074	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*41 - 114*				
Pyrene-d10	*89*	*39 - 115*				
Terphenyl-d14	*91*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-37-1.0**					
Laboratory ID:	08-262-26					
Naphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.0080**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.0091**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.0070**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.0099**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.0072**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*92*	*41 - 114*				
Pyrene-d10	*88*	*39 - 115*				
Terphenyl-d14	*90*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-37-5.0**					
Laboratory ID:	08-262-27					
Naphthalene	**0.098**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.047**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**0.033**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.036**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.041**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.057**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.027**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.023**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.018**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.024**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.016**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*41 - 114*				
Pyrene-d10	*81*	*39 - 115*				
Terphenyl-d14	*79*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-39-1.0**					
Laboratory ID:	08-262-31					
Naphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.0087**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.0092**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.089**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.045**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.14**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.14**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.065**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.078**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.10**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**0.030**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.082**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.059**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**0.011**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.052**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*41 - 114*				
Pyrene-d10	*95*	*39 - 115*				
Terphenyl-d14	*90*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-39-3.0**					
Laboratory ID:	08-262-32					
Naphthalene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.0081**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0081	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*41 - 114*				
Pyrene-d10	*82*	*39 - 115*				
Terphenyl-d14	*83*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-39-6.0**					
Laboratory ID:	08-262-33					
Naphthalene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.023	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*41 - 114*				
Pyrene-d10	*79*	*39 - 115*				
Terphenyl-d14	*83*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-40-1.0**					
Laboratory ID:	08-262-35					
Naphthalene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthylene	**0.019**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Fluorene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Phenanthrene	**0.015**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Anthracene	**0.028**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Fluoranthene	**0.041**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**0.049**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.049**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Chrysene	**0.083**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[b]fluoranthene	**0.13**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo(j,k)fluoranthene	**0.027**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]pyrene	**0.060**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Indeno(1,2,3-c,d)pyrene	**0.049**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Dibenz[a,h]anthracene	**0.011**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[g,h,i]perylene	**0.041**	0.0071	EPA 8270E/SIM	8-26-21	8-27-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*41 - 114*				
Pyrene-d10	*79*	*39 - 115*				
Terphenyl-d14	*77*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-40-3.0**					
Laboratory ID:	08-262-36					
Naphthalene	**0.012**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
2-Methylnaphthalene	**0.044**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
1-Methylnaphthalene	**0.029**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthylene	**0.014**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthene	**ND**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Fluorene	**0.022**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Phenanthrene	**0.095**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Anthracene	**0.030**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Fluoranthene	**0.083**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**0.097**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.035**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Chrysene	**0.079**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[b]fluoranthene	**0.050**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo(j,k)fluoranthene	**0.0089**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]pyrene	**0.033**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Indeno(1,2,3-c,d)pyrene	**0.020**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Dibenz[a,h]anthracene	**0.0080**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[g,h,i]perylene	**0.033**	0.0077	EPA 8270E/SIM	8-26-21	8-27-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*97*	*41 - 114*				
Pyrene-d10	*111*	*39 - 115*				
Terphenyl-d14	*114*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-40-8.0**					
Laboratory ID:	08-262-37					
Naphthalene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.017	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*41 - 114*				
Pyrene-d10	*81*	*39 - 115*				
Terphenyl-d14	*88*	*44 - 125*				

Date of Report: August 30, 2021
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PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-41-1.0**					
Laboratory ID:	08-262-38					
Naphthalene	**ND**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**0.031**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.011**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.053**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.039**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.045**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.032**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.055**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.12**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**0.021**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.062**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.080**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**0.014**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.069**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*41 - 114*				
Pyrene-d10	*88*	*39 - 115*				
Terphenyl-d14	*87*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-41-3.0**					
Laboratory ID:	08-262-39					
Naphthalene	**0.011**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
2-Methylnaphthalene	**0.010**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
1-Methylnaphthalene	**0.0081**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthylene	**0.037**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthene	**0.12**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Fluorene	**0.36**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Phenanthrene	**2.7**	0.15	EPA 8270E/SIM	8-26-21	8-27-21	
Anthracene	**0.64**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Fluoranthene	**2.3**	0.15	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**1.6**	0.15	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.77**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Chrysene	**0.82**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[b]fluoranthene	**0.72**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo(j,k)fluoranthene	**0.31**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]pyrene	**0.67**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Indeno(1,2,3-c,d)pyrene	**0.38**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Dibenz[a,h]anthracene	**0.076**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[g,h,i]perylene	**0.35**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*91*	*41 - 114*				
Pyrene-d10	*108*	*39 - 115*				
Terphenyl-d14	*112*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-41-5.0**					
Laboratory ID:	08-262-40					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthylene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Fluorene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Phenanthrene	**0.017**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Anthracene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Fluoranthene	**0.015**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**0.022**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.012**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Chrysene	**0.029**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[b]fluoranthene	**0.017**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]pyrene	**0.013**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Indeno(1,2,3-c,d)pyrene	**0.0089**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[g,h,i]perylene	**0.014**	0.0075	EPA 8270E/SIM	8-26-21	8-27-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*85*	*41 - 114*				
Pyrene-d10	*88*	*39 - 115*				
Terphenyl-d14	*92*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-42-1.0**					
Laboratory ID:	08-262-42					
Naphthalene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.031**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.039**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.038**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.018**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.019**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.023**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.019**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.012**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.012**	0.0071	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*41 - 114*				
Pyrene-d10	*86*	*39 - 115*				
Terphenyl-d14	*87*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-42-3.0**					
Laboratory ID:	08-262-43					
Naphthalene	**0.42**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.56**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**0.44**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**0.016**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.14**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.27**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.61**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.066**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.083**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.070**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**0.018**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.022**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.023**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.020**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.013**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.014**	0.0078	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*41 - 114*				
Pyrene-d10	*82*	*39 - 115*				
Terphenyl-d14	*89*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-46-1.0**					
Laboratory ID:	08-262-57					
Naphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0069	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*41 - 114*				
Pyrene-d10	*89*	*39 - 115*				
Terphenyl-d14	*85*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-46-3.0**					
Laboratory ID:	08-262-58					
Naphthalene	**0.13**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
2-Methylnaphthalene	**0.050**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
1-Methylnaphthalene	**0.039**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthylene	**ND**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthene	**0.072**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Fluorene	**0.083**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Phenanthrene	**0.35**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Anthracene	**0.085**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Fluoranthene	**0.29**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**0.29**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.12**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Chrysene	**0.14**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[b]fluoranthene	**0.12**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo(j,k)fluoranthene	**0.037**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]pyrene	**0.12**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Indeno(1,2,3-c,d)pyrene	**0.062**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Dibenz[a,h]anthracene	**0.014**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[g,h,i]perylene	**0.066**	0.0076	EPA 8270E/SIM	8-26-21	8-27-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*94*	*41 - 114*				
Pyrene-d10	*110*	*39 - 115*				
Terphenyl-d14	*121*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-46-7.5**					
Laboratory ID:	08-262-60					
Naphthalene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.015	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*41 - 114*				
Pyrene-d10	*79*	*39 - 115*				
Terphenyl-d14	*84*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-47-1.0**					
Laboratory ID:	08-262-61					
Naphthalene	**0.0073**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.0084**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**0.0072**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**0.012**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.027**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.029**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.43**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**0.10**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**1.0**	0.035	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**1.1**	0.035	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.37**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**0.52**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**0.59**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**0.13**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**0.40**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**0.22**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**0.051**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**0.19**	0.0070	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*41 - 114*				
Pyrene-d10	*93*	*39 - 115*				
Terphenyl-d14	*90*	*44 - 125*				

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Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-47-3.0**					
Laboratory ID:	08-262-62					
Naphthalene	**0.36**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
2-Methylnaphthalene	**0.46**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
1-Methylnaphthalene	**0.29**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthylene	**0.015**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Acenaphthene	**0.49**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Fluorene	**0.36**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Phenanthrene	**0.44**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Anthracene	**0.083**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Fluoranthene	**0.88**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Pyrene	**0.88**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]anthracene	**0.19**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Chrysene	**0.24**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[b]fluoranthene	**0.16**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo(j,k)fluoranthene	**0.058**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[a]pyrene	**0.11**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Indeno(1,2,3-c,d)pyrene	**0.057**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Dibenz[a,h]anthracene	**0.010**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Benzo[g,h,i]perylene	**0.054**	0.0081	EPA 8270E/SIM	8-26-21	8-27-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*41 - 114*				
Pyrene-d10	*104*	*39 - 115*				
Terphenyl-d14	*110*	*44 - 125*				

Date of Report: August 30, 2021
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Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-47-10.0**					
Laboratory ID:	08-262-63					
Naphthalene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**0.0082**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**0.0095**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**0.0079**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**0.0087**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**0.0093**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**0.0082**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*77*	*41 - 114*				
Pyrene-d10	*83*	*39 - 115*				
Terphenyl-d14	*87*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*85*	*41 - 114*				
Pyrene-d10	*95*	*39 - 115*				
Terphenyl-d14	*100*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826S2					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-26-21	8-26-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*90*	*41 - 114*				
Pyrene-d10	*100*	*39 - 115*				
Terphenyl-d14	*94*	*44 - 125*				

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-262-01										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.127**	**0.135**	0.167	0.167	ND	76	81	41 - 123	6	23	
Acenaphthylene	**0.160**	**0.154**	0.167	0.167	ND	96	92	45 - 124	4	20	
Acenaphthene	**0.150**	**0.149**	0.167	0.167	ND	90	89	46 - 122	1	23	
Fluorene	**0.170**	**0.168**	0.167	0.167	ND	102	101	45 - 128	1	27	
Phenanthrene	**0.170**	**0.194**	0.167	0.167	0.0254	87	101	38 - 133	13	33	
Anthracene	**0.172**	**0.178**	0.167	0.167	ND	103	107	49 - 127	3	21	
Fluoranthene	**0.186**	**0.215**	0.167	0.167	0.0315	93	110	45 - 130	14	29	
Pyrene	**0.174**	**0.204**	0.167	0.167	0.0324	85	103	43 - 132	16	32	
Benzo[a]anthracene	**0.165**	**0.174**	0.167	0.167	0.0145	90	96	49 - 139	5	27	
Chrysene	**0.163**	**0.175**	0.167	0.167	0.0155	88	96	47 - 127	7	28	
Benzo[b]fluoranthene	**0.170**	**0.203**	0.167	0.167	0.0185	91	110	46 - 129	18	31	
Benzo(j,k)fluoranthene	**0.166**	**0.156**	0.167	0.167	ND	99	93	46 - 128	6	25	
Benzo[a]pyrene	**0.173**	**0.186**	0.167	0.167	0.0165	94	101	47 - 134	7	27	
Indeno(1,2,3-c,d)pyrene	**0.175**	**0.194**	0.167	0.167	0.0113	98	109	42 - 133	10	25	
Dibenz[a,h]anthracene	**0.159**	**0.161**	0.167	0.167	ND	95	96	46 - 129	1	24	
Benzo[g,h,i]perylene	**0.167**	**0.181**	0.167	0.167	0.0118	93	101	44 - 129	8	27	
Surrogate:											
2-Fluorobiphenyl						*77*	*76*	*41 - 114*			
Pyrene-d10						*95*	*92*	*39 - 115*			
Terphenyl-d14						*92*	*91*	*44 - 125*			
Laboratory ID:	08-262-26										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.126**	**0.136**	0.167	0.167	ND	75	81	41 - 123	8	23	
Acenaphthylene	**0.160**	**0.173**	0.167	0.167	ND	96	104	45 - 124	8	20	
Acenaphthene	**0.160**	**0.169**	0.167	0.167	ND	96	101	46 - 122	5	23	
Fluorene	**0.158**	**0.149**	0.167	0.167	ND	95	89	45 - 128	6	27	
Phenanthrene	**0.174**	**0.160**	0.167	0.167	ND	104	96	38 - 133	8	33	
Anthracene	**0.175**	**0.169**	0.167	0.167	ND	105	101	49 - 127	3	21	
Fluoranthene	**0.204**	**0.162**	0.167	0.167	0.00765	118	92	45 - 130	23	29	
Pyrene	**0.205**	**0.181**	0.167	0.167	0.00878	117	103	43 - 132	12	32	
Benzo[a]anthracene	**0.175**	**0.158**	0.167	0.167	ND	105	95	49 - 139	10	27	
Chrysene	**0.174**	**0.162**	0.167	0.167	0.00671	100	93	47 - 127	7	28	
Benzo[b]fluoranthene	**0.196**	**0.173**	0.167	0.167	0.00951	112	98	46 - 129	12	31	
Benzo(j,k)fluoranthene	**0.165**	**0.157**	0.167	0.167	ND	99	94	46 - 128	5	25	
Benzo[a]pyrene	**0.183**	**0.165**	0.167	0.167	0.00693	105	95	47 - 134	10	27	
Indeno(1,2,3-c,d)pyrene	**0.189**	**0.172**	0.167	0.167	ND	113	103	42 - 133	9	25	
Dibenz[a,h]anthracene	**0.163**	**0.154**	0.167	0.167	ND	98	92	46 - 129	6	24	
Benzo[g,h,i]perylene	**0.172**	**0.154**	0.167	0.167	ND	103	92	44 - 129	11	27	
Surrogate:											
2-Fluorobiphenyl						*76*	*84*	*41 - 114*			
Pyrene-d10						*96*	*93*	*39 - 115*			
Terphenyl-d14						*89*	*87*	*44 - 125*			

Date of Report: August 30, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262
Project: 650-031

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-30-1.0	08-262-01	**11**	8-26-21
FB-30-3.0	08-262-02	**26**	8-26-21
FB-30-6.5	08-262-03	**25**	8-26-21
FB-33-1.0	08-262-12	**4**	8-26-21
FB-33-3.0	08-262-13	**13**	8-26-21
FB-33-7.0	08-262-14	**9**	8-26-21
FB-37-1.0	08-262-26	**4**	8-26-21
FB-37-5.0	08-262-27	**45**	8-26-21
FB-39-1.0	08-262-31	**3**	8-26-21
FB-39-3.0	08-262-32	**17**	8-26-21
FB-39-6.0	08-262-33	**70**	8-26-21
FB-40-1.0	08-262-35	**6**	8-26-21
FB-40-3.0	08-262-36	**13**	8-26-21
FB-40-8.0	08-262-37	**61**	8-26-21
FB-41-1.0	08-262-38	**5**	8-26-21
FB-41-3.0	08-262-39	**12**	8-26-21
FB-41-5.0	08-262-40	**11**	8-26-21
FB-42-1.0	08-262-42	**7**	8-26-21
FB-42-3.0	08-262-43	**14**	8-26-21
FB-46-1.0	08-262-57	**3**	8-26-21
FB-46-3.0	08-262-58	**13**	8-26-21
FB-46-7.5	08-262-60	**57**	8-26-21
FB-47-1.0	08-262-61	**4**	8-26-21
FB-47-3.0	08-262-62	**18**	8-26-21
FB-47-10.0	08-262-63	**15**	8-26-21

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-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, 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.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 7

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

Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	FB-30-1.0	8/24/21	0835	S	1
2	FB-30-3.0		0840		
3	FB-30-6.5		0845		
4	FB-31-1.0		0850		
5	FB-31-3.0		0853		
6	FB-31-6.0		0855		
7	FB-31-10.0		0900		
8	FB-32-1.0		0912		
9	FB-32-3.0		0915		
10	FB-32-6.0		0919		

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
1									X													X
2									X													X
3									X													X
4																		X				
5																		X				
6																		X				
7																		X				
8																		X				
9																		X				
10																		X				

	Signature	Company	Date	Time
Relinquished	E Bugge	FLN	8/24/21	1650
Received	B Bowdy	Speedy	8-25-21	0925
Relinquished	B Bowdy	Speedy	8-25-21	1440
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
~~*Contact PM for analyses on non-hold samples~~
☒ Added 8/25/21. DB (STA)

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
11	FB-32-7.0	8/24/21	0921	S	1
12	FB-33-1.0		0928		
13	FB-33-3.0		0931		
14	FB-33-7.0		0933		
15	FB-34-1.0		0955		
16	FB-34-3.0		0957		
17	FB-34-6.0		0959		
18	FB-34-8.0		1001		
19	FB-35-1.0		1006		
20	FB-35-6.0		1011		

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
11																		X				
12									X													X
13									X													X
14									X													X
15																		X				
16																		X				
17																		X				
18																		X				
19																		X				
20																		X				

	Signature	Company	Date	Time
Relinquished	[signature]	FCN	8/24/21	1650
Received	[signature]	Speedy	8-24-21	0925
Relinquished	[signature]	Speedy	8-24-21	1441
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
21	FB-35-7.0	8/24/21	1013	S	1																		X				
22	FB-36-1.0	"	1018	"	"																		X				
23	FB-36-2.0	"	1020	"	"																		X				
24	FB-36-6.0	"	1023	"	"																		X				
25	FB-36-7.5	"	1025	"	"																		X				
26	FB-37-1.0	"	1051	"	"								X														X
27	FB-37-5.0	"	1054	"	"								X														X
28	FB-37-8.0	"	1056	"	"																		X				
29	FB-38-1.0	"	1101	"	"																		X				
30	FB-38-3.0	"	1103	"	"																		X				

	Signature	Company	Date	Time
Relinquished	[signature]	FCN	8/24/21	1650
Received	[signature]	Speedy	8-25-21	0925
Relinquished	[signature]	Speedy	8-25-21	1442
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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Company: Farallon Consulting
Project Number: 650-031
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Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
31	FB-39-1.0	8/24/21	1114	S	1									X													X
32	FB-39-3.0		1116											X													X
33	FB-39-6.0		1119											X													X
34	FB-39-9.0		1121																			X					
35	FB-40-1.0		1127											X													X
36	FB-40-3.0		1129											X													X
37	FB-40-8.0		1132											X													X
38	FB-41-1.0		1137											X													X
39	FB-41-3.0		1139											X													X
40	FB-41-5.0		1140											X													X

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1443
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 consulting
Project Number: 650-031
Project Name: Thompson field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx ☐ Acid / SG Clean-up	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
41	FB-41-7.0	8/24/21	1141	S	1																	X					
42	FB-42-1.0		1259										X	X													X
43	FB-42-3.0		1301										X	X													X
44	FB-42-6.0		1304																			X					
45	FB-42-9.0		1306																			X					
46	FB-43-1.0		1311																			X					
47	FB-43-6.0		1317																			X					
48	FB-43-8.0		1320																			X					
49	FB-44-1.0		1325																			X					
50	FB-44-3.0		1327																			X					

	Signature	Company	Date	Time
Relinquished	[signature]	FLN	8/24/21	1650
Received	[signature]	Speedy	8-25-21	0925
Relinquished	[signature]	Speedy	8-25-21	1443
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
51	FB-44-10.0	8/24/21	1337	S	1																		X				
52	FB-44-12.0		1340																				X				
53	FB-45-1.0		1349																				X				
54	FB-45-3.0		1351																				X				
55	FB-45-6.0		1353																				X				
56	FB-45-7.5		1355																				X				
57	FB-46-1.0		1459										X														X
58	FB-46-3.0		1501										X														X
59	FB-46-6.0		1503																				X				
60	FB-46-7.5		1505										X														X

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1444
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

Page 7 of 7

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
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Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
61	FB-47-1.0	8/24/21	1519	S	1
62	FB-47-3.0		1521		
63	FB-47-10.0		1528		
64	FB-47-12.5		1531		

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
61									X													X
62									X													X
63									X													X
64																		X				

emb

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8.25.21	1445
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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

September 2, 2021

Stuart Brown
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 650-031
Laboratory Reference No. 2108-262B

Dear Stuart:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2021.

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: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

Case Narrative

Samples were collected on August 24, 2021 and received by the laboratory on August 25, 2021. 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.

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-31-1.0**					
Laboratory ID:	08-262-04					
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**0.028**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**0.040**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**0.36**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**0.12**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**0.34**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**0.33**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**0.14**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**0.14**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**0.15**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**0.053**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**0.14**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**0.076**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**0.017**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**0.072**	0.0077	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*41 - 114*				
Pyrene-d10	*89*	*39 - 115*				
Terphenyl-d14	*95*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-31-3.0**					
Laboratory ID:	08-262-05					
Naphthalene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*65*	*41 - 114*				
Pyrene-d10	*67*	*39 - 115*				
Terphenyl-d14	*76*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-31-6.0**					
Laboratory ID:	08-262-06					
Naphthalene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**ND**	0.0078	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*94*	*41 - 114*				
Pyrene-d10	*91*	*39 - 115*				
Terphenyl-d14	*104*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-32-1.0**					
Laboratory ID:	08-262-08					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**0.0076**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**0.013**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**0.012**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**0.0088**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*41 - 114*				
Pyrene-d10	*94*	*39 - 115*				
Terphenyl-d14	*103*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-32-3.0**					
Laboratory ID:	08-262-09					
Naphthalene	**0.27**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**0.080**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**0.062**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**0.092**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**0.098**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**0.38**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**0.063**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**0.26**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**0.21**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**0.075**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**0.084**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**0.081**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**0.031**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**0.074**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**0.043**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**0.0089**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**0.046**	0.0085	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*41 - 114*				
Pyrene-d10	*87*	*39 - 115*				
Terphenyl-d14	*95*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-36-2.0**					
Laboratory ID:	08-262-23					
Naphthalene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**0.039**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**0.0079**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**0.054**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**0.046**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**0.020**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**0.023**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**0.025**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**0.0091**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**0.022**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**0.014**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**0.015**	0.0073	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*41 - 114*				
Pyrene-d10	*86*	*39 - 115*				
Terphenyl-d14	*96*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-44-1.0**					
Laboratory ID:	08-262-49					
Naphthalene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**0.019**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**0.024**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**0.024**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**0.012**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**0.018**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**0.019**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**0.015**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**0.010**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**0.010**	0.0069	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*41 - 114*				
Pyrene-d10	*93*	*39 - 115*				
Terphenyl-d14	*99*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-44-3.0**					
Laboratory ID:	08-262-50					
Naphthalene	**0.017**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**0.024**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**0.017**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**0.017**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**0.061**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**0.029**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**0.029**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**0.0092**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**0.011**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**0.0097**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**0.0083**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**ND**	0.0082	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*41 - 114*				
Pyrene-d10	*64*	*39 - 115*				
Terphenyl-d14	*70*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0901S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	9-1-21	9-1-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*106*	*41 - 114*				
Pyrene-d10	*103*	*39 - 115*				
Terphenyl-d14	*118*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0901S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0887**	**0.0790**	0.0833	0.0833	106	95	57 - 117	12	16	
Acenaphthylene	**0.101**	**0.0938**	0.0833	0.0833	121	113	58 - 126	7	15	
Acenaphthene	**0.0941**	**0.0891**	0.0833	0.0833	113	107	61 - 122	5	15	
Fluorene	**0.0974**	**0.0916**	0.0833	0.0833	117	110	59 - 127	6	15	
Phenanthrene	**0.0984**	**0.0952**	0.0833	0.0833	118	114	58 - 124	3	15	
Anthracene	**0.100**	**0.0972**	0.0833	0.0833	120	117	64 - 128	3	15	
Fluoranthene	**0.0993**	**0.0983**	0.0833	0.0833	119	118	63 - 128	1	15	
Pyrene	**0.0941**	**0.0936**	0.0833	0.0833	113	112	62 - 129	1	15	
Benzo[a]anthracene	**0.0910**	**0.0878**	0.0833	0.0833	109	105	64 - 138	4	15	
Chrysene	**0.100**	**0.0967**	0.0833	0.0833	120	116	63 - 128	3	15	
Benzo[b]fluoranthene	**0.0959**	**0.0929**	0.0833	0.0833	115	112	62 - 129	3	15	
Benzo(j,k)fluoranthene	**0.102**	**0.102**	0.0833	0.0833	122	122	59 - 134	0	16	
Benzo[a]pyrene	**0.0960**	**0.0944**	0.0833	0.0833	115	113	63 - 132	2	15	
Indeno(1,2,3-c,d)pyrene	**0.0993**	**0.0967**	0.0833	0.0833	119	116	58 - 132	3	15	
Dibenz[a,h]anthracene	**0.0944**	**0.0915**	0.0833	0.0833	113	110	60 - 130	3	15	
Benzo[g,h,i]perylene	**0.0963**	**0.0933**	0.0833	0.0833	116	112	61 - 129	3	15	
Surrogate:										
2-Fluorobiphenyl					*103*	*102*	*41 - 114*			
Pyrene-d10					*108*	*103*	*39 - 115*			
Terphenyl-d14					*113*	*116*	*44 - 125*			

Date of Report: September 2, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262B
Project: 650-031

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-31-1.0	08-262-04	**14**	9-1-21
FB-31-3.0	08-262-05	**39**	9-1-21
FB-31-6.0	08-262-06	**15**	9-1-21
FB-32-1.0	08-262-08	**11**	9-1-21
FB-32-3.0	08-262-09	**22**	9-1-21
FB-36-2.0	08-262-23	**9**	9-1-21
FB-44-1.0	08-262-49	**4**	9-1-21
FB-44-3.0	08-262-50	**19**	9-1-21

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-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, 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.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD		STANDARD TAT		% Moisture
1	FB-30-1.0	8/24/21	0835	S	1									X													X
2	FB-30-3.0		0840											X													X
3	FB-30-6.5		0845											X													X
4	FB-31-1.0		0850											O								X		O		O
5	FB-31-3.0		0853											O								X		O		O
6	FB-31-6.0		0855											O								X		O		O
7	FB-31-10.0		0900																			X				
8	FB-32-1.0		0912											O								X		O		O
9	FB-32-3.0		0915											O								X		O		O
10	FB-32-6.0		0919																			X				

	Signature	Company	Date	Time
Relinquished	E Bugge	FLN	8/24/21	1650
Received	B Bordy	Speedy	8-25-21	0925
Relinquished	R Bor	Speedy	8-25-21	1440
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

~~*Contact PM for analyses on non-hold samples~~

☒ Added 8/25/21. DB (STA)
○ Added 8/31/21. DB (SEE COLUMN FOR TAT)

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
11	FB-32-7.0	8/24/21	0921	S	1																		X				
12	FB-33-1.0		0928											X													X
13	FB-33-3.0		0931											X													X
14	FB-33-7.0		0933											X													X
15	FB-34-1.0		0955																				X				
16	FB-34-3.0		0957																				X				
17	FB-34-6.0		0959																				X				
18	FB-34-8.0		1001																				X				
19	FB-35-1.0		1006																				X				
20	FB-35-6.0		1011																				X				

	Signature	Company	Date	Time
Relinquished	[signature]	FCN	8/24/21	1650
Received	[signature]	Speedy	8-24-21	0925
Relinquished	[signature]	Speedy	8-24-21	1441
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD		STANDARD TAT		% Moisture
21	FB-35-7.0	8/24/21	1013	S	1																	X					
22	FB-36-1.0		1018																			X					
23	FB-36-2.0		1020											O								X		O		C
24	FB-36-6.0		1023																			X					
25	FB-36-7.5		1025																			X					
26	FB-37-1.0		1051										X													X	
27	FB-37-5.0		1054										X													X	
28	FB-37-8.0		1056																			X					
29	FB-38-1.0		1101																			X					
30	FB-38-3.0		1103																			X					

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received	Rob Booth	Speedy	8-25-21	0925
Relinquished	Rob Booth	Speedy	8-25-21	1442
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
31	FB-39-1.0	8/24/21	1114	S	1									X													X
32	FB-39-3.0		1116											X													X
33	FB-39-6.0		1119											X													X
34	FB-39-9.0		1121																			X					
35	FB-40-1.0		1127											X													X
36	FB-40-3.0		1129											X													X
37	FB-40-8.0		1132											X													X
38	FB-41-1.0		1137											X													X
39	FB-41-3.0		1139											X													X
40	FB-41-5.0		1140											X													X

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1443
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 consulting
Project Number: 650-031
Project Name: Thompson field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD		2 DAY TAT		% Moisture
41	FB-41-7.0	8/24/21	1141	S	1																	X					
42	FB-42-1.0		1259										X	X													X
43	FB-42-3.0		1301											X													X
44	FB-42-6.0		1304																			X					
45	FB-42-9.0		1306																			X					
46	FB-43-1.0		1311																			X					
47	FB-43-6.0		1317																			X					
48	FB-43-8.0		1320																			X					
49	FB-44-1.0		1325											O								X		O		O	
50	FB-44-3.0		1327											O								X		O		O	

	Signature	Company	Date	Time
Relinquished	[signature]	FLN	8/24/21	1650
Received	[signature]	Speedy	8-25-21	0925
Relinquished	[signature]	Speedy	8-25-21	1443
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
51	FB-44-10.0	8/24/21	1337	S	1																		X				
52	FB-44-12.0		1340																				X				
53	FB-45-1.0		1349																				X				
54	FB-45-3.0		1351																				X				
55	FB-45-6.0		1353																				X				
56	FB-45-7.5		1355																				X				
57	FB-46-1.0		1459										X														X
58	FB-46-3.0		1501										X														X
59	FB-46-6.0		1503																				X				
60	FB-46-7.5		1505										X														X

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1444
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
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Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
61	FB-47-1.0	8/24/21	1519	S	1
62	FB-47-3.0		1521		
63	FB-47-10.0		1528		
64	FB-47-12.5		1531		

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
61									X													X
62									X													X
63									X													X
64																		X				

emb

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1445
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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

September 10, 2021

Stuart Brown
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 650-031
Laboratory Reference No. 2108-262C

Dear Stuart:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2021.

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: September 10, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262C
Project: 650-031

Case Narrative

Samples were collected on August 24, 2021 and received by the laboratory on August 25, 2021. 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.

Date of Report: September 10, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262C
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-35-1.0**					
Laboratory ID:	08-262-19					
Naphthalene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Acenaphthylene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Acenaphthene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Fluorene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Phenanthrene	**0.0082**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Anthracene	**ND**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Fluoranthene	**0.018**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Pyrene	**0.019**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Benzo[a]anthracene	**0.011**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Chrysene	**0.015**	0.0069	EPA 8270E/SIM	9-7-21	9-9-21	
Benzo[b]fluoranthene	**ND**	0.035	EPA 8270E/SIM	9-7-21	9-9-21	
Benzo(j,k)fluoranthene	**ND**	0.035	EPA 8270E/SIM	9-7-21	9-9-21	
Benzo[a]pyrene	**ND**	0.035	EPA 8270E/SIM	9-7-21	9-9-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.035	EPA 8270E/SIM	9-7-21	9-9-21	
Dibenz[a,h]anthracene	**ND**	0.035	EPA 8270E/SIM	9-7-21	9-9-21	
Benzo[g,h,i]perylene	**ND**	0.035	EPA 8270E/SIM	9-7-21	9-9-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*85*	*41 - 114*				
Pyrene-d10	*77*	*39 - 115*				
Terphenyl-d14	*108*	*44 - 125*				

Date of Report: September 10, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262C
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0907S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	9-7-21	9-8-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*89*	*41 - 114*				
Pyrene-d10	*92*	*39 - 115*				
Terphenyl-d14	*102*	*44 - 125*				

Date of Report: September 10, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262C
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-312-22										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.153**	**0.139**	0.167	0.167	ND	92	83	41 - 123	10	23	
Acenaphthylene	**0.156**	**0.151**	0.167	0.167	ND	93	90	45 - 124	3	20	
Acenaphthene	**0.152**	**0.142**	0.167	0.167	ND	91	85	46 - 122	7	23	
Fluorene	**0.137**	**0.130**	0.167	0.167	ND	82	78	45 - 128	5	27	
Phenanthrene	**0.164**	**0.158**	0.167	0.167	ND	98	95	38 - 133	4	33	
Anthracene	**0.172**	**0.165**	0.167	0.167	ND	103	99	49 - 127	4	21	
Fluoranthene	**0.164**	**0.156**	0.167	0.167	ND	98	93	45 - 130	5	29	
Pyrene	**0.149**	**0.146**	0.167	0.167	ND	89	87	43 - 132	2	32	
Benzo[a]anthracene	**0.158**	**0.153**	0.167	0.167	ND	95	92	49 - 139	3	27	
Chrysene	**0.171**	**0.167**	0.167	0.167	ND	102	100	47 - 127	2	28	
Benzo[b]fluoranthene	**0.167**	**0.163**	0.167	0.167	ND	100	98	46 - 129	2	31	
Benzo(j,k)fluoranthene	**0.175**	**0.169**	0.167	0.167	ND	105	101	46 - 128	3	25	
Benzo[a]pyrene	**0.169**	**0.165**	0.167	0.167	ND	101	99	47 - 134	2	27	
Indeno(1,2,3-c,d)pyrene	**0.165**	**0.161**	0.167	0.167	ND	99	96	42 - 133	2	25	
Dibenz[a,h]anthracene	**0.180**	**0.176**	0.167	0.167	ND	108	105	46 - 129	2	24	
Benzo[g,h,i]perylene	**0.172**	**0.166**	0.167	0.167	ND	103	99	44 - 129	4	27	
Surrogate:											
2-Fluorobiphenyl						*88*	*85*	*41 - 114*			
Pyrene-d10						*83*	*82*	*39 - 115*			
Terphenyl-d14						*98*	*99*	*44 - 125*			

Date of Report: September 10, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-262C
Project: 650-031

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-35-1.0	08-262-19	**4**	9-7-21

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-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, 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.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD		STANDARD TAT		% Moisture
1	FB-30-1.0	8/24/21	0835	S	1									X													X
2	FB-30-3.0		0840											X													X
3	FB-30-6.5		0845											X													X
4	FB-31-1.0		0850											O								X		O		O
5	FB-31-3.0		0853											O								X		O		O
6	FB-31-6.0		0855											O								X		O		O
7	FB-31-10.0		0900																			X				
8	FB-32-1.0		0912											O								X		O		O
9	FB-32-3.0		0915											O								X		O		O
10	FB-32-6.0		0919																			X				

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1440
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

*~~Contact PM for analyses on non-hold samples~~

☒ Added 8/25/21. DB (STA)
○ Added 8/31/21. DB (SEE COLUMN FOR TAT)
● Added 9/3/21. DB (STA)

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

Page 2 of 7

OnSite Environmental Inc.
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Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
11	FB-32-7.0	8/24/21	0921	S	1
12	FB-33-1.0		0928		
13	FB-33-3.0		0931		
14	FB-33-7.0		0933		
15	FB-34-1.0		0955		
16	FB-34-3.0		0957		
17	FB-34-6.0		0959		
18	FB-34-8.0		1001		
19	FB-35-1.0		1006		
20	FB-35-6.0		1011		

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
11																		X				
12									X													X
13									X													X
14									X													X
15																		X				
16																		X				
17																		X				
18																		X				
19									●									X				●
20																		X				

	Signature	Company	Date	Time
Relinquished		FCN	8/24/21	1650
Received		Speedy	8-24-21	0925
Relinquished		Speedy	8-24-21	1441
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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Phone: (425) 883-3881 • www.onsite-env.com

Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
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Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD		STANDARD TAT		% Moisture
21	FB-35-7.0	8/24/21	1013	S	1																	X	HOLD				
22	FB-36-1.0	"	1018	"	"																	X					
23	FB-36-2.0	"	1020	"	"									O								X			O		O
24	FB-36-6.0	"	1023	"	"																	X					
25	FB-36-7.5	"	1025	"	"																	X					
26	FB-37-1.0	"	1051	"	"								X														X
27	FB-37-5.0	"	1054	"	"								X														X
28	FB-37-8.0	"	1056	"	"																	X					
29	FB-38-1.0	"	1101	"	"																	X					
30	FB-38-3.0	"	1103	"	"																	X					

	Signature	Company	Date	Time
Relinquished	[signature]	FLN	8/24/21	1650
Received	[signature]	Speedy	8-25-21	0925
Relinquished	[signature]	Speedy	8-25-21	1442
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Brown
Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
31	FB-39-1.0	8/24/21	1114	S	1									X													X
32	FB-39-3.0		1116											X													X
33	FB-39-6.0		1119											X													X
34	FB-39-9.0		1121																			X					
35	FB-40-1.0		1127											X													X
36	FB-40-3.0		1129											X													X
37	FB-40-8.0		1132											X													X
38	FB-41-1.0		1137											X													X
39	FB-41-3.0		1139											X													X
40	FB-41-5.0		1140											X													X

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received		Speedy	8-25-21	0925
Relinquished		Speedy	8-25-21	1443
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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☐ _____ (other)

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD		2 DAY TAT		% Moisture
41	FB-41-7.0	8/24/21	1141	S	1																	X					
42	FB-42-1.0		1259											X													X
43	FB-42-3.0		1301											X													X
44	FB-42-6.0		1304																			X					
45	FB-42-9.0		1306																			X					
46	FB-43-1.0		1311																			X					
47	FB-43-6.0		1317																			X					
48	FB-43-8.0		1320																			X					
49	FB-44-1.0		1325											O								X			O		O
50	FB-44-3.0	↓	1327	↓	↓									O								X			O		O

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received	R Bowles	Speedy	8-25-21	0925
Relinquished	R Bowles	Speedy	8-25-21	1443
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
51	FB-44-10.0	8/24/21	1337	S	1																		X				
52	FB-44-12.0		1340																				X				
53	FB-45-1.0		1349																				X				
54	FB-45-3.0		1351																				X				
55	FB-45-6.0		1353																				X				
56	FB-45-7.5		1355																				X				
57	FB-46-1.0		1459											X													X
58	FB-46-3.0		1501											X													X
59	FB-46-6.0		1503																				X				
60	FB-46-7.5		1505											X													X

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Elise Bugge	FLN	8/24/21	1650	
Received		Speedy	8-25-21	0925	
Relinquished		Speedy	8-25-21	1444	
Received					
Relinquished					
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

Page 7 of 7

OnSite Environmental Inc.
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Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
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Sampled by: Elise Bugge

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

Laboratory Number: 08-262

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
61	FB-47-1.0	8/24/21	1519	S	1									X													X
62	FB-47-3.0		1521											X													X
63	FB-47-10.0		1528											X													X
64	FB-47-12.5		1531																				X				

emb

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	8/24/21	1650
Received	Bob Booth	Speedy	8-25-21	0925
Relinquished	Bob Booth	Speedy	8.25.21	1445
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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

September 2, 2021

Stuart Brown
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 650-031
Laboratory Reference No. 2108-284

Dear Stuart:

Enclosed are the analytical results and associated quality control data for samples submitted on August 26, 2021.

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: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

Case Narrative

Samples were collected on August 26, 2021 and received by the laboratory on August 26, 2021. 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.

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-48-3.0**					
Laboratory ID:	08-284-01					
Naphthalene	**0.025**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
2-Methylnaphthalene	**0.015**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
1-Methylnaphthalene	**0.012**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthylene	**0.095**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthene	**0.034**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Fluorene	**0.041**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Phenanthrene	**0.69**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Anthracene	**0.17**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Fluoranthene	**0.54**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Pyrene	**0.78**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]anthracene	**0.33**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Chrysene	**0.33**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[b]fluoranthene	**0.30**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo(j,k)fluoranthene	**0.074**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]pyrene	**0.31**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Indeno(1,2,3-c,d)pyrene	**0.15**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Dibenz[a,h]anthracene	**0.034**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[g,h,i]perylene	**0.16**	0.0077	EPA 8270E/SIM	8-30-21	8-30-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*87*	*41 - 114*				
Pyrene-d10	*101*	*39 - 115*				
Terphenyl-d14	*107*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-49-1.0**					
Laboratory ID:	08-284-03					
Naphthalene	**0.0089**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
2-Methylnaphthalene	**0.0083**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
1-Methylnaphthalene	**0.0079**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Acenaphthylene	**0.0098**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Acenaphthene	**0.11**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Fluorene	**0.15**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Phenanthrene	**1.8**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Anthracene	**0.56**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Fluoranthene	**2.2**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Pyrene	**2.0**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Benzo[a]anthracene	**0.93**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Chrysene	**1.0**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Benzo[b]fluoranthene	**0.93**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Benzo(j,k)fluoranthene	**0.37**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Benzo[a]pyrene	**0.92**	0.14	EPA 8270E/SIM	8-30-21	9-1-21	
Indeno(1,2,3-c,d)pyrene	**0.52**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Dibenz[a,h]anthracene	**0.12**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[g,h,i]perylene	**0.48**	0.0069	EPA 8270E/SIM	8-30-21	8-31-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*87*	*41 - 114*				
Pyrene-d10	*107*	*39 - 115*				
Terphenyl-d14	*111*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-49-3.0**					
Laboratory ID:	08-284-04					
Naphthalene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
2-Methylnaphthalene	**0.12**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
1-Methylnaphthalene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Acenaphthylene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Acenaphthene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Fluorene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Phenanthrene	**0.15**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Anthracene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Fluoranthene	**0.16**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Pyrene	**0.22**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[a]anthracene	**0.094**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Chrysene	**0.33**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[b]fluoranthene	**0.14**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo(j,k)fluoranthene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[a]pyrene	**0.10**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Dibenz[a,h]anthracene	**ND**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[g,h,i]perylene	**0.10**	0.079	EPA 8270E/SIM	8-30-21	8-31-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*89*	*41 - 114*				
Pyrene-d10	*106*	*39 - 115*				
Terphenyl-d14	*103*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-49-6.0**					
Laboratory ID:	08-284-05					
Naphthalene	**0.028**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
2-Methylnaphthalene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
1-Methylnaphthalene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthylene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Fluorene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Phenanthrene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Anthracene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Fluoranthene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Pyrene	**0.029**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]anthracene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Chrysene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[b]fluoranthene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo(j,k)fluoranthene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]pyrene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Dibenz[a,h]anthracene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[g,h,i]perylene	**ND**	0.016	EPA 8270E/SIM	8-30-21	8-30-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*78*	*41 - 114*				
Pyrene-d10	*91*	*39 - 115*				
Terphenyl-d14	*97*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-50-3.0**					
Laboratory ID:	08-284-07					
Naphthalene	**0.78**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
2-Methylnaphthalene	**0.36**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
1-Methylnaphthalene	**0.23**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthylene	**0.048**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthene	**0.29**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Fluorene	**0.44**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Phenanthrene	**1.4**	0.043	EPA 8270E/SIM	8-30-21	8-31-21	
Anthracene	**0.23**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Fluoranthene	**0.72**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Pyrene	**0.71**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]anthracene	**0.24**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Chrysene	**0.26**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[b]fluoranthene	**0.27**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo(j,k)fluoranthene	**0.095**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]pyrene	**0.27**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Indeno(1,2,3-c,d)pyrene	**0.15**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Dibenz[a,h]anthracene	**0.030**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[g,h,i]perylene	**0.15**	0.0086	EPA 8270E/SIM	8-30-21	8-30-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*41 - 114*				
Pyrene-d10	*95*	*39 - 115*				
Terphenyl-d14	*103*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-50-8.5**					
Laboratory ID:	08-284-09					
Naphthalene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
2-Methylnaphthalene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
1-Methylnaphthalene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthylene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Fluorene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Phenanthrene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Anthracene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Fluoranthene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Pyrene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]anthracene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Chrysene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[b]fluoranthene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo(j,k)fluoranthene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]pyrene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Dibenz[a,h]anthracene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[g,h,i]perylene	**ND**	0.032	EPA 8270E/SIM	8-30-21	8-30-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*41 - 114*				
Pyrene-d10	*97*	*39 - 115*				
Terphenyl-d14	*104*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*93*	*41 - 114*				
Pyrene-d10	*106*	*39 - 115*				
Terphenyl-d14	*108*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0830S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0847**	**0.0877**	0.0833	0.0833	102	105	57 - 117	3	16	
Acenaphthylene	**0.0996**	**0.0947**	0.0833	0.0833	120	114	58 - 126	5	15	
Acenaphthene	**0.0963**	**0.0910**	0.0833	0.0833	116	109	61 - 122	6	15	
Fluorene	**0.0979**	**0.100**	0.0833	0.0833	118	120	59 - 127	2	15	
Phenanthrene	**0.101**	**0.101**	0.0833	0.0833	121	121	58 - 124	0	15	
Anthracene	**0.104**	**0.103**	0.0833	0.0833	125	124	64 - 128	1	15	
Fluoranthene	**0.101**	**0.0999**	0.0833	0.0833	121	120	63 - 128	1	15	
Pyrene	**0.0990**	**0.0990**	0.0833	0.0833	119	119	62 - 129	0	15	
Benzo[a]anthracene	**0.0947**	**0.0941**	0.0833	0.0833	114	113	64 - 138	1	15	
Chrysene	**0.104**	**0.103**	0.0833	0.0833	125	124	63 - 128	1	15	
Benzo[b]fluoranthene	**0.0980**	**0.0992**	0.0833	0.0833	118	119	62 - 129	1	15	
Benzo(j,k)fluoranthene	**0.110**	**0.108**	0.0833	0.0833	132	130	59 - 134	2	16	
Benzo[a]pyrene	**0.102**	**0.102**	0.0833	0.0833	122	122	63 - 132	0	15	
Indeno(1,2,3-c,d)pyrene	**0.0991**	**0.0999**	0.0833	0.0833	119	120	58 - 132	1	15	
Dibenz[a,h]anthracene	**0.0988**	**0.0979**	0.0833	0.0833	119	118	60 - 130	1	15	
Benzo[g,h,i]perylene	**0.0994**	**0.0985**	0.0833	0.0833	119	118	61 - 129	1	15	
Surrogate:										
2-Fluorobiphenyl					*93*	*99*	*41 - 114*			
Pyrene-d10					*104*	*106*	*39 - 115*			
Terphenyl-d14					*113*	*113*	*44 - 125*			

Date of Report: September 2, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284
Project: 650-031

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-48-3.0	08-284-01	**13**	8-30-21
FB-49-1.0	08-284-03	**4**	8-30-21
FB-49-3.0	08-284-04	**16**	8-30-21
FB-49-6.0	08-284-05	**58**	8-30-21
FB-50-3.0	08-284-07	**22**	8-30-21
FB-50-8.5	08-284-09	**79**	8-30-21

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-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, 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.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 2

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

Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stacia Brown
Sampled by: Elise Bugge

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 08-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
1	FB-48-3.0	8/26	1105	S	1									X													X
2	FB-48-6.0		1108																				X				
3	FB-49-1.0		1120											X													X
4	FB-49-3.0		1122											X													X
5	FB-49-6.0		1126											X													X
6	FB-49-8.0		1128																				X				
7	FB-50-3.0		1150											X													X
8	FB-50-5.0		1200																				X				
9	FB-50-8.5		1201											X													X
10	FB-51-1.0		1221																			X					

	Signature	Company	Date	Time
Relinquished		FLN	8/26/21	1255
Received		FLN	8/26/21	1256
Relinquished		FLN	8/26/21	1350
Received		OSE	8.26.21	1355
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

*Contact PM for analyses of samples not on HOLD

☒ Added 8/27/21-DB

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Braun
Sampled by: Elise Bugge

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

Laboratory Number: 08-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
11	FB-51-3.0	8/26/21	1223	S	1
12	FB-51-6.0		1225		
13	FB-51-8.0		1227		
14	FB-52-3.0		1236		

emb

NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
																	X				
																	X				
																	X				
																	X				

	Signature	Company	Date	Time
Relinquished		FLN	8/26/21	1255
Received		FLN	8/26/21	1256
Relinquished		FLN	8/26/21	1350
Received		OSE	8-26-21	1355
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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

September 3, 2021

Stuart Brown
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 650-031
Laboratory Reference No. 2108-284B

Dear Stuart:

Enclosed are the analytical results and associated quality control data for samples submitted on August 26, 2021.

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: September 3, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284B
Project: 650-031

Case Narrative

Samples were collected on August 26, 2021 and received by the laboratory on August 26, 2021. 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.

Date of Report: September 3, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-51-3.0**					
Laboratory ID:	08-284-11					
Naphthalene	**0.16**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
2-Methylnaphthalene	**0.061**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
1-Methylnaphthalene	**0.040**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Acenaphthylene	**ND**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Acenaphthene	**0.12**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Fluorene	**0.29**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Phenanthrene	**0.82**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Anthracene	**0.10**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Fluoranthene	**0.33**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Pyrene	**0.24**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[a]anthracene	**0.064**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Chrysene	**0.072**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[b]fluoranthene	**0.061**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo(j,k)fluoranthene	**0.019**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[a]pyrene	**0.043**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Indeno(1,2,3-c,d)pyrene	**0.023**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[g,h,i]perylene	**0.029**	0.0083	EPA 8270E/SIM	9-2-21	9-3-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*41 - 114*				
Pyrene-d10	*63*	*39 - 115*				
Terphenyl-d14	*68*	*44 - 125*				

Date of Report: September 3, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284B
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-51-6.0**					
Laboratory ID:	08-284-12					
Naphthalene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Acenaphthylene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Acenaphthene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Fluorene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Phenanthrene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Anthracene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Fluoranthene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Pyrene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Chrysene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270E/SIM	9-2-21	9-3-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*41 - 114*				
Pyrene-d10	*84*	*39 - 115*				
Terphenyl-d14	*89*	*44 - 125*				

Date of Report: September 3, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284B
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0902S2					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	9-2-21	9-2-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*41 - 114*				
Pyrene-d10	*90*	*39 - 115*				
Terphenyl-d14	*95*	*44 - 125*				

Date of Report: September 3, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284B
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0902S2									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0706**	**0.0728**	0.0833	0.0833	85	87	57 - 117	3	16	
Acenaphthylene	**0.0861**	**0.0868**	0.0833	0.0833	103	104	58 - 126	1	15	
Acenaphthene	**0.0851**	**0.0854**	0.0833	0.0833	102	103	61 - 122	0	15	
Fluorene	**0.0844**	**0.0824**	0.0833	0.0833	101	99	59 - 127	2	15	
Phenanthrene	**0.0843**	**0.0836**	0.0833	0.0833	101	100	58 - 124	1	15	
Anthracene	**0.0895**	**0.0877**	0.0833	0.0833	107	105	64 - 128	2	15	
Fluoranthene	**0.0867**	**0.0871**	0.0833	0.0833	104	105	63 - 128	0	15	
Pyrene	**0.0886**	**0.0885**	0.0833	0.0833	106	106	62 - 129	0	15	
Benzo[a]anthracene	**0.0872**	**0.0857**	0.0833	0.0833	105	103	64 - 138	2	15	
Chrysene	**0.0866**	**0.0862**	0.0833	0.0833	104	103	63 - 128	0	15	
Benzo[b]fluoranthene	**0.0896**	**0.0834**	0.0833	0.0833	108	100	62 - 129	7	15	
Benzo(j,k)fluoranthene	**0.0837**	**0.0865**	0.0833	0.0833	100	104	59 - 134	3	16	
Benzo[a]pyrene	**0.0880**	**0.0864**	0.0833	0.0833	106	104	63 - 132	2	15	
Indeno(1,2,3-c,d)pyrene	**0.0846**	**0.0837**	0.0833	0.0833	102	100	58 - 132	1	15	
Dibenz[a,h]anthracene	**0.0853**	**0.0843**	0.0833	0.0833	102	101	60 - 130	1	15	
Benzo[g,h,i]perylene	**0.0841**	**0.0823**	0.0833	0.0833	101	99	61 - 129	2	15	
Surrogate:										
2-Fluorobiphenyl					*87*	*89*	*41 - 114*			
Pyrene-d10					*95*	*96*	*39 - 115*			
Terphenyl-d14					*96*	*98*	*44 - 125*			

Date of Report: September 3, 2021
Samples Submitted: August 26, 2021
Laboratory Reference: 2108-284B
Project: 650-031

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-51-3.0	08-284-11	**20**	9-2-21
FB-51-6.0	08-284-12	**15**	9-2-21

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-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, 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.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 2

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

Company: Farallon Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stacia Brown
Sampled by: Elise Bugge

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 08-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
1	FB-48-3.0	8/26	1105	S	1									X													X
2	FB-48-6.0		1108																			X					
3	FB-49-1.0		1120											X													X
4	FB-49-3.0		1122											X													X
5	FB-49-6.0		1126											X													X
6	FB-49-8.0		1128																			X					
7	FB-50-3.0		1150											X													X
8	FB-50-5.0		1200																			X					
9	FB-50-8.5		1201											X													X
10	FB-51-1.0		1221																			X					

	Signature	Company	Date	Time
Relinquished		FLN	8/26/21	1255
Received		FLN	8/26/21	1256
Relinquished		FLN	8/26/21	1350
Received		OSE	8.26.21	1355
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

*Contact PM for analyses of samples not on HOLD

☒ Added 8/27/21. DB (STA)
○ Added 9/2/21. DB (STA)

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ 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 Consulting
Project Number: 1650-031
Project Name: Thompson Field
Project Manager: Stuart Braun
Sampled by: Elise Bugge

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

Laboratory Number: 08-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	HOLD				% Moisture
11	FB-51-3.0	8/26/21	1223	S	1									C								X				0
12	FB-51-6.0		1225		1									O								X				0
13	FB-51-8.0		1227																			X				
14	FB-52-3.0		1236																			X				

emb

	Signature	Company	Date	Time
Relinquished		FLN	8/26/21	1255
Received		FLN	8/26/21	1256
Relinquished		FLN	8/26/21	1350
Received		OSE	8.26.21	1355
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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

September 2, 2021

Stuart Brown
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 650-031
Laboratory Reference No. 2108-298

Dear Stuart:

Enclosed are the analytical results and associated quality control data for samples submitted on August 27, 2021.

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: September 2, 2021
Samples Submitted: August 27, 2021
Laboratory Reference: 2108-298
Project: 650-031

Case Narrative

Samples were collected on August 26, 2021 and received by the laboratory on August 27, 2021. 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.

Date of Report: September 2, 2021
Samples Submitted: August 27, 2021
Laboratory Reference: 2108-298
Project: 650-031

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FB-53-5.0**					
Laboratory ID:	08-298-01					
Naphthalene	**0.013**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
2-Methylnaphthalene	**ND**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
1-Methylnaphthalene	**ND**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Acenaphthylene	**ND**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Acenaphthene	**0.019**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Fluorene	**0.018**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Phenanthrene	**0.043**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Anthracene	**0.012**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Fluoranthene	**0.049**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Pyrene	**0.053**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[a]anthracene	**0.023**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Chrysene	**0.034**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[b]fluoranthene	**0.028**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo(j,k)fluoranthene	**ND**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[a]pyrene	**0.024**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Indeno(1,2,3-c,d)pyrene	**0.015**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Dibenz[a,h]anthracene	**ND**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Benzo[g,h,i]perylene	**0.018**	0.0088	EPA 8270E/SIM	8-30-21	8-31-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*93*	*41 - 114*				
Pyrene-d10	*99*	*39 - 115*				
Terphenyl-d14	*106*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 27, 2021
Laboratory Reference: 2108-298
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-30-21	8-30-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*93*	*41 - 114*				
Pyrene-d10	*106*	*39 - 115*				
Terphenyl-d14	*108*	*44 - 125*				

Date of Report: September 2, 2021
Samples Submitted: August 27, 2021
Laboratory Reference: 2108-298
Project: 650-031

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0830S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0847**	**0.0877**	0.0833	0.0833	102	105	57 - 117	3	16	
Acenaphthylene	**0.0996**	**0.0947**	0.0833	0.0833	120	114	58 - 126	5	15	
Acenaphthene	**0.0963**	**0.0910**	0.0833	0.0833	116	109	61 - 122	6	15	
Fluorene	**0.0979**	**0.100**	0.0833	0.0833	118	120	59 - 127	2	15	
Phenanthrene	**0.101**	**0.101**	0.0833	0.0833	121	121	58 - 124	0	15	
Anthracene	**0.104**	**0.103**	0.0833	0.0833	125	124	64 - 128	1	15	
Fluoranthene	**0.101**	**0.0999**	0.0833	0.0833	121	120	63 - 128	1	15	
Pyrene	**0.0990**	**0.0990**	0.0833	0.0833	119	119	62 - 129	0	15	
Benzo[a]anthracene	**0.0947**	**0.0941**	0.0833	0.0833	114	113	64 - 138	1	15	
Chrysene	**0.104**	**0.103**	0.0833	0.0833	125	124	63 - 128	1	15	
Benzo[b]fluoranthene	**0.0980**	**0.0992**	0.0833	0.0833	118	119	62 - 129	1	15	
Benzo(j,k)fluoranthene	**0.110**	**0.108**	0.0833	0.0833	132	130	59 - 134	2	16	
Benzo[a]pyrene	**0.102**	**0.102**	0.0833	0.0833	122	122	63 - 132	0	15	
Indeno(1,2,3-c,d)pyrene	**0.0991**	**0.0999**	0.0833	0.0833	119	120	58 - 132	1	15	
Dibenz[a,h]anthracene	**0.0988**	**0.0979**	0.0833	0.0833	119	118	60 - 130	1	15	
Benzo[g,h,i]perylene	**0.0994**	**0.0985**	0.0833	0.0833	119	118	61 - 129	1	15	
Surrogate:										
2-Fluorobiphenyl					*93*	*99*	*41 - 114*			
Pyrene-d10					*104*	*106*	*39 - 115*			
Terphenyl-d14					*113*	*113*	*44 - 125*			

Date of Report: September 2, 2021
Samples Submitted: August 27, 2021
Laboratory Reference: 2108-298
Project: 650-031

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-53-5.0	08-298-01	**24**	8-30-21

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-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, 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.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

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 Consulting
Project Number: 650-031
Project Name: Thompson Field
Project Manager: Stuart Braun
Sampled by: Elise Bugge

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 08-298

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	FB-53-5.0	8/26	1358	S	1									X													X

	Signature	Company	Date	Time
Relinquished		FLN	8/27/21	1330
Received		OSE	8/27/21	1330
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐