Seattle, WA 98107
Phone +1 206-781-1449
Fax +1 206-781-1543
www.atcgroupservices.com

June 22, 2021

Tena Seeds
Washington State Department of Ecology
PO Box 330316
Shoreline, Washington 98133-9716

RE: PROGRESS REPORT FOR MAY 2021
BLOCK 37 SITE
600 – 630 WESTLAKE AVENUE NORTH
SEATTLE, WASHINGTON
AGREED ORDER NO: DE 19430

Dear Tena:

ATC has prepared this progress report on behalf of Phillips 66 Company and City Investors XI L.L.C. to provide a written monthly report to the Washington State Department of Ecology (Ecology) describing actions taken during the previous month to implement the requirements of Agreed Order DE 19430 (AO) and to document the activities conducted during May 2021 at the Block 37 Site. The Block 37 Site, as defined under the AO, is where a hazardous substance, other than a consumer product in consumer use, has been deposited, stored, disposed of, or placed, or otherwise come to be located. The Block 37 Site is generally located at 600 through 630 Westlake Avenue North in Seattle, Washington (Block 37 Property).

This progress report provides a summary of activities performed during the reporting period; deviations from the scope of work; changes in key personnel involved with the work; deviations from the schedule and resolution; a summary of sampling and testing reports; work planned and deliverables for the next reporting period; and public or regulatory communications.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The elements of the work being performed under the AO during this reporting period were implemented in accordance with the Final Agreed Order and email correspondence regarding Block 37 Geotechnical Borings between Tena Seeds of Ecology and Brani Jurista of Farallon on March 5 and 8, 2021. The following work was conducted for the Block 37 Site:

- Issuance of Final Agreed Order DE19430 on May 4, 2021.
- Advancement of geotechnical borings and installation of monitoring wells within the geotechnical borings were completed in April and May 2021. The purpose of the borings was to gather geotechnical data to support future construction activities, and to collect soil and groundwater samples to support characterization of the Block 37 Site. The soil and groundwater data collected during April and May

2021 are attached to this submittal, and will also be included in the Draft Remedial Investigation (RI) Work Plan.

- Preparation of the Draft RI Work Plan, including review of draft work plan elements with Ecology key personnel to confirm required elements.
- Scheduling first key project meeting between Ecology and representatives of Phillips 66 Company and City Investors XI L.L.C. for June 23, 2021 from 1 to 2:30 p.m. The meeting will be held virtually. The planned meeting will be held to review requirements for the Draft RI Work Plan and scope of work for the RI field work, discuss the preliminary conceptual site model, and identify project data needs and possible interim actions.

CHANGES IN KEY PERSONNEL

There were no changes to key personnel.

DEVIATIONS FROM APPROVED SCOPE OF WORK

There are no deviations to report for the work related to the requirements of the AO or independent remedial actions being conducted under the auspices of the AO pursuant to Section VII (Work to Be Performed).

DEVIATIONS FROM SCHEDULE AND RESOLUTIONS

Currently, no delays are anticipated to the AO Schedule.

SAMPLING PERFORMED, RESULTS, DATA VALIDATION, AND EIM DATABASE

Drilling activities that included soil sampling were conducted from April 16 through 19 and May 4 through 6, 2021 to gather geotechnical data in support of future construction activities and to support characterization of the Block 37 Site. A monitoring well was installed in each of the geotechnical borings. Borings were identified as B-37-3 through B-37-9 (Figure 1). Groundwater sampling was conducted on April 1 and May 10, 2021. Soil and groundwater samples were analyzed for the following:

- Total petroleum hydrocarbons as gasoline-range organics by Method NWTPH-Gx.
- Total petroleum hydrocarbons as diesel- and oil-range organics by Method NWTPH-Dx.
- Benzene, toluene, ethylbenzene, xylenes, and methyl tertiary butyl ether by U.S. Environmental Protection Agency (EPA) Method 8260D.
- Carcinogenic polycyclic aromatic hydrocarbons and naphthalene by EPA Method 8270E/Selective Ion Monitoring.
- MTCA 5 metals arsenic, cadmium, chromium, mercury, and lead by EPA 200-, 6000-, and 7000-Series Methods.

Soil and groundwater samples from boring and monitoring well B-37-8 proximate to the former heating oil and waste oil underground storage tanks and hoists were additionally analyzed for 1,2-dibromoethane and 1,2-

dichloroethane by EPA Methods 8260D or 8011 and polychlorinated biphenyls by EPA Method 8082A. Groundwater samples that had detections of total arsenic at concentrations exceeding Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup levels were additionally analyzed for dissolved arsenic.

Data has not been entered into the EIM database by the date of this May 2021 Progress Report, but is expected to be entered before the June 2021 Progress Report is issued. Raw data that includes laboratory reports are included as an attachment to this Progress Report. Summary tables with groundwater elevation data and soil and groundwater analytical results are provided as an attachment to this Progress Report. Data from the April and May soil and groundwater sampling will also be included in the Draft RI Work Plan.

WORK PLANNED FOR NEXT REPORTING PERIOD

Work planned for the June 2021 reporting period includes the following:

- Continued preparation of the Draft RI Work Plan.

PUBLIC OR REGULATORY COMMUNICATIONS

Phillips 66 Company and City Investors XI L.L.C. have not participated in any meetings with interested members of the public or local governments, nor had any formal communications with Ecology personnel during this reporting period (i.e., other than ongoing coordination and discussions with Ecology regarding the preparation of the Draft RI Work Plan).

Please contact the undersigned at (206) 835-6875 if you have questions or need additional information.

Sincerely,
ATC Group Services LLC

Elisabeth Silver

Elisabeth Silver
Senior Project Manager
Direct Line: 206-781-1449
Email: Elisabeth.Silver@atcgs.com

cc: Ed Ralston and Eli Gurian, Phillips 66 Company
Jim Broadlick and Brandon Morgan, City Investors XI L.L.C.
Cliff Schmitt and Brani Jurista, Farallon Consulting, L.L.C.

Attachments:
Figure 1 - April and May 2021 Geotechnical Boring and Monitoring Well Locations
Tables 1 through 10 - April and May 2021 Groundwater Elevation Data and Analytical Results
April and May 2021 Laboratory Analytical Reports

FIGURE 1

APRIL AND MAY 2021 GEOTECHNICAL BORING AND MONITORING WELL LOCATIONS

LEGEND

- MONITORING WELL
- PROPERTY BOUNDARY
- KING COUNTY PARCEL BOUNDARY

N

0 50

SCALE IN FEET

DRAFT

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

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FIGURE 1

APRIL AND MAY 2021 GEOTECHNICAL BORING AND MONITORING WELL LOCATIONS
SOUTH LAKE UNION BLOCK 37 PROPERTY
SEATTLE, WASHINGTON

FARALLON PN: 397-066

Drawn By: TPerrin | Checked By: EB | Date: 6/2/2021

Disc Reference:
Document Path: Q:\Projects\397 VULCAN\066 Block 31 SLU\Mapfiles\005\Figure-01_PropertyPlan.mxd

TABLES 1 THOUGH 10

APRIL AND MAY 2021 GROUNDWATER ELEVATION DATA AND ANALYTICAL RESULTS

Table 1
Groundwater Elevations
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Location	Screened Interval (feet bgs)[1]	Screened Interval (feet NAVD88)[2]	Top of Casing Elevation (feet NAVD88)[2]	Ground Surface Elevation (feet NAVD88)[2]	Monitoring Date	Depth to Water (feet)[3]	Water Level Elevation (feet NAVD88)[2]
B-37-3	15.0 to 23.7	12.2 to 3.5	26.78	27.18	4/1/2021	12.09	14.69
B-37-4	15.0 to 25.0	12.6 to 2.6	27.20	27.58	4/1/2021	12.14	15.06
B-37-5	15.0 to 25.0	13.0 to 3.0	27.55	28.02	4/1/2021	12.52	15.03
B-37-6	15.0 to 25.0	12.9 to 2.9	27.54	27.88	4/1/2021	12.47	15.07
B-37-7	30.5 to 40.5	-0.1 to -10.1	29.71	30.37	5/10/2021	15.15	14.56
B-37-8	30.5 to 40.5	-0.1 to -10.1	29.94	30.42	5/10/2021	15.44	14.50
B-37-9	29.5 to 39.5	0.5 to -9.5	29.53	29.97	5/10/2021	15.26	14.27

Notes:

— denotes information is unknown.

bgs = below ground surface

[1]Depth in feet below ground surface.

[2]In feet North American Vertical Datum of 1988.

[3]In feet below top of well casing.

Table 2
Soil Analytical Results for Petroleum Hydrocarbons
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Elevation (feet NAVD88)[2]	Sample Date	Analytical Results (milligrams per kilogram)						
					DRO[3]	ORO[3]	GRO[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Xylenes[5]
B-37-3	B-37-3-5.0	5.0	22.5	3/16/2021	< 28	< 56	< 4.9	< 0.00089	< 0.0044	< 0.00089	< 0.0027
	B-37-3-13.0	13.0	14.5	3/16/2021	< 29	86	< 4.8	< 0.00085	< 0.0043	< 0.00085	< 0.0026
	B-37-3-19.0	19.0	8.5	3/16/2021	53 N	300	< 5.5	< 0.0010	< 0.0050	< 0.0010	< 0.0030
	B-37-3-24.0	24.0	3.5	3/16/2021	< 30	< 61	< 5.8	< 0.00082	< 0.0041	< 0.00082	< 0.0024
B-37-4	B-37-4-5.0	5.0	22.4	3/17/2021	< 26	71	< 4.7	< 0.00083	< 0.0042	< 0.00083	< 0.0025
	B-37-4-13.0	13.0	14.4	3/17/2021	< 27	230	< 4.2	< 0.00070	< 0.0035	< 0.00070	< 0.0021
	B-37-4-19.0	19.0	8.4	3/17/2021	< 29	540	< 5.8	< 0.00099	< 0.0049	< 0.00099	< 0.0030
	B-37-4-24.0	24.0	3.4	3/17/2021	72 N	490	< 8.8	< 0.0013	0.0087	< 0.0013	< 0.0038
B-37-5	B-37-5-5.0	5.0	23.0	3/18/2021	< 28	340	< 4.2	< 0.00080	< 0.0040	< 0.00080	< 0.0024
	B-37-5-13.0	13.0	15.0	3/18/2021	< 29	< 57	< 4.8	< 0.00084	< 0.0042	< 0.00084	< 0.0025
	B-37-5-20.0	20.0	8.0	3/19/2021	< 33	88	< 6.9	0.0028	< 0.0053	< 0.0011	< 0.0032
	B-37-5-25.0	25.0	3.0	3/19/2021	< 30	72	< 5.6	< 0.00091	< 0.0046	< 0.00091	< 0.0027
	B-37-5-33.0	33.0	-5.0	3/19/2021	< 29	< 58	< 5.1	< 0.00081	< 0.0040	< 0.00081	< 0.0024
B-37-6	B-37-6-5.0	5.0	22.5	3/18/2021	< 27	< 54	< 4.8	< 0.00082	< 0.0041	< 0.00082	< 0.0024
	B-37-6-17.0	17.0	10.5	3/18/2021	< 36	120	< 7.6	< 0.0011	< 0.0054	< 0.0011	< 0.0032
	B-37-6-20.0	20.0	7.5	3/18/2021	< 31	< 61	< 5.6	< 0.00089	< 0.0045	< 0.00089	< 0.0027
	B-37-6-25.0	25.0	2.5	3/18/2021	< 30	< 59	< 5.5	< 0.00092	< 0.0046	< 0.00092	< 0.0027
	B-37-6-33.0	33.0	-5.5	3/18/2021	< 30	< 61	< 5.9	< 0.00091	< 0.0045	< 0.00091	< 0.0027
B-37-7	B-37-7-5.0	5.0	25.0	5/6/2021	< 26	110	< 5.4	< 0.0011	< 0.0057	< 0.0011	< 0.0034
	B-37-7-13.0	13.0	17.0	5/6/2021	< 28	< 55	< 6.2	< 0.0010	< 0.0051	< 0.0010	< 0.0031
	B-37-7-18.0	18.0	12.0	5/6/2021	< 30	< 60	< 5.9	< 0.0010	< 0.0051	< 0.0010	< 0.003
	B-37-7-22.0	22.0	8.0	5/6/2021	< 32	< 65	< 8.1	< 0.0014	< 0.0069	< 0.0014	< 0.0042
	B-37-7-27.0	27.0	3.0	5/6/2021	< 31	< 61	< 7.0	< 0.0013	< 0.0063	< 0.0013	< 0.0038
	B-37-7-33.0	33.0	-3.0	5/6/2021	< 32	< 64	< 6.9	< 0.0012	< 0.0058	< 0.0012	< 0.0035
B-37-8	B-37-8-5.0	5.0	24.0	5/5/2021	< 27	< 54	< 6.2	< 0.0013	< 0.0063	< 0.0013	< 0.0038
	B-37-8-13.0	13.0	16.0	5/5/2021	< 28	< 55	< 5.9	< 0.00099	< 0.0050	< 0.00099	< 0.00299
	B-37-8-18.0	18.0	11.0	5/5/2021	< 41	250	< 11	< 0.0023	< 0.011	< 0.0023	< 0.0068
	B-37-8-22.0	22.0	7.0	5/5/2021	< 30	< 60	< 6.4	< 0.0010	< 0.0052	< 0.0010	< 0.0031
	B-37-8-27.0	27.0	2.0	5/5/2021	< 31	< 62	< 6.3	< 0.0011	< 0.0053	< 0.0011	< 0.0032
	B-37-8-33.0	33.0	-4.0	5/5/2021	< 31	< 62	< 6.5	< 0.0010	< 0.0051	< 0.0010	< 0.003
B-37-9	B-37-9-5.0	5.0	24.5	5/4/2021	< 32	< 63	< 7.4	< 0.0011	< 0.0054	< 0.0011	< 0.0033
	B-37-9-22.0	22.0	7.5	5/4/2021	< 31	< 62	< 6.5	< 0.0012	< 0.0061	< 0.0012	< 0.0036
	B-37-9-27.0	27.0	2.5	5/4/2021	< 32	< 63	< 6.3	< 0.0012	< 0.0059	< 0.0012	< 0.0035
	B-37-9-33.0	33.0	-3.5	5/4/2021	< 29	< 57	< 6.1	< 0.0010	< 0.0051	< 0.0010	< 0.003
MTCA Method A Cleanup Levels for Soil[6]					**2,000**	**2,000**	**30/100[7]**	**0.03**	**7**	**6**	**9**

NOTES:

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

[1]Depth in feet below ground surface.

[2]Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88).

[3]Analyzed by Northwest Method NWTPH-Dx.

[4]Analyzed by Northwest Method NWTPH-Gx.

[5]Analyzed by U.S. Environmental Protection Agency Method 8260D.

[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.

[7]Cleanup level is 30 milligrams per kilogram if benzene is detected and 100 milligrams per kilogram if benzene is not detected.

BTEX = benzene, toluene, ethylbenzene and xylenes
DRO = total petroleum hydrocarbons (TPH) as diesel-range organics
GRO = TPH as gasoline-range organics
MTBE = methyl tertiary butyl ether
N = hydrocarbons in the lube oil range are impacting the diesel range result.
ORO = TPH as oil-range organics

Table 3
Soil Analytical Results for Fuel Additives and Other Petroleum Components
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Elevation (feet NAVD88)[2]	Sample Date	Analytical Results (milligrams per kilogram)[3]		
					1,2-Dibromoethane	1,2-Dichloroethane	Methyl Tertiary Butyl Ether (MTBE)
B-37-3	B-37-3-5.0	5.0	22.5	3/16/2021	---	---	< 0.00089
	B-37-3-13.0	13.0	14.5	3/16/2021	---	---	< 0.00085
	B-37-3-19.0	19.0	8.5	3/16/2021	---	---	< 0.0010
	B-37-3-24.0	24.0	3.5	3/16/2021	---	---	< 0.00082
B-37-4	B-37-4-5.0	5.0	22.4	3/17/2021	---	---	< 0.00083
	B-37-4-13.0	13.0	14.4	3/17/2021	---	---	< 0.00070
	B-37-4-19.0	19.0	8.4	3/17/2021	---	---	< 0.00099
	B-37-4-24.0	24.0	3.4	3/17/2021	---	---	< 0.0013
B-37-5	B-37-5-5.0	5.0	23.0	3/18/2021	---	---	< 0.00080
	B-37-5-13.0	13.0	15.0	3/18/2021	---	---	< 0.00084
	B-37-5-20.0	20.0	8.0	3/19/2021	---	---	< 0.0011
	B-37-5-25.0	25.0	3.0	3/19/2021	---	---	< 0.00091
	B-37-5-33.0	33.0	-5.0	3/19/2021	---	---	< 0.00081
B-37-6	B-37-6-5.0	5.0	22.5	3/18/2021	---	---	< 0.00082
	B-37-6-17.0	17.0	10.5	3/18/2021	---	---	< 0.0011
	B-37-6-20.0	20.0	7.5	3/18/2021	---	---	< 0.00089
	B-37-6-25.0	25.0	2.5	3/18/2021	---	---	< 0.00092
	B-37-6-33.0	33.0	-5.5	3/18/2021	---	---	< 0.00091
B-37-8	B-37-8-18.0	18.0	11.0	5/5/2021	< 0.0023	< 0.0023	< 0.0023
	B-37-8-22.0	22.0	7.0	5/5/2021	< 0.0010	< 0.0010	< 0.0010
MTCA Method A Cleanup Levels for Soil[4]					**0.005**	**11**	**0.1**

NOTES:

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

— denotes sample not analyzed or information is unknown.

[1]Depth in feet below ground surface.

[2]Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88).

[3]Analyzed by U.S. Environmental Protection Agency Method 8260D.

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

Table 4
Soil Analytical Results for Polycyclic Aromatic Hydrocarbons
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Elevation (feet NAVD88)[2]	Sample Date	Analytical Results (milligrams per kilogram)[3]								
					Non-Carcinogenic PAHs	Carcinogenic PAHs							
					Naphthalene	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]
B-37-3	B-37-3-5.0	5.0	22.5	3/16/2021	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0056
	B-37-3-13.0	13.0	14.5	3/16/2021	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0058
	B-37-3-19.0	19.0	8.5	3/16/2021	< 0.0078	0.010	0.0097	0.011	< 0.0078	0.015	< 0.0078	< 0.0078	0.013
	B-37-3-24.0	24.0	3.5	3/16/2021	0.018	0.016	0.015	0.016	< 0.0081	0.015	< 0.0081	0.0096	0.021
B-37-4	B-37-4-5.0	5.0	22.4	3/17/2021	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0053
	B-37-4-13.0	13.0	14.4	3/17/2021	0.0075	0.014	0.013	0.012	< 0.0071	0.023	< 0.0071	< 0.0071	0.018
	B-37-4-19.0	19.0	8.4	3/17/2021	< 0.0075	0.012	0.0097	0.0095	< 0.0075	0.030	< 0.0075	< 0.0075	0.015
	B-37-4-24.0	24.0	3.4	3/17/2021	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	0.014	< 0.0089	< 0.0089	0.007
B-37-5	B-37-5-5.0	5.0	23.0	3/18/2021	< 0.0075	0.0081	< 0.0075	< 0.0075	< 0.0075	0.016	< 0.0075	< 0.0075	0.010
	B-37-5-13.0	13.0	15.0	3/18/2021	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0057
	B-37-5-20.0	20.0	8.0	3/19/2021	0.16	0.010	< 0.0088	0.016	< 0.0088	0.017	< 0.0088	0.0098	0.014
	B-37-5-25.0	25.0	3.0	3/19/2021	0.028	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0060
	B-37-5-33.0	33.0	-5.0	3/19/2021	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0058
B-37-6	B-37-6-5.0	5.0	22.5	3/18/2021	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0054
	B-37-6-17.0	17.0	10.5	3/18/2021	0.13	0.11	0.11	0.13	0.041	0.10	0.012	0.076	**0.150**
	B-37-6-20.0	20.0	7.5	3/18/2021	0.026	0.011	0.010	0.012	< 0.0081	0.010	< 0.0081	< 0.0081	0.015
	B-37-6-25.0	25.0	2.5	3/18/2021	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0079	< 0.0060
	B-37-6-33.0	33.0	-5.5	3/18/2021	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0061
B-37-7	B-37-7-5.0	5.0	25.0	5/6/2021	< 0.0070	0.012	0.0076	0.019	< 0.0070	0.014	< 0.0070	0.011	0.017
	B-37-7-13.0	13.0	17.0	5/6/2021	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0056
	B-37-7-18.0	18.0	12.0	5/6/2021	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.006
	B-37-7-22.0	22.0	8.0	5/6/2021	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0065
	B-37-7-27.0	27.0	3.0	5/6/2021	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0082	< 0.0062
	B-37-7-33.0	33.0	-3.0	5/6/2021	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0086	< 0.0065
B-37-8	B-37-8-5.0	5.0	24.0	5/5/2021	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0073	< 0.0055
	B-37-8-13.0	13.0	16.0	5/5/2021	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0074	< 0.0056
	B-37-8-18.0	18.0	11.0	5/5/2021	0.030	< 0.011	< 0.011	0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.009
	B-37-8-22.0	22.0	7.0	5/5/2021	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.006
	B-37-8-27.0	27.0	2.0	5/5/2021	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0063
	B-37-8-33.0	33.0	-4.0	5/5/2021	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0063
B-37-9	B-37-9-5.0	5.0	24.5	5/4/2021	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0063
	B-37-9-22.0	22.0	7.5	5/4/2021	0.027	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0063
	B-37-9-27.0	27.0	2.5	5/4/2021	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0084	< 0.0063
	B-37-9-33.0	33.0	-3.5	5/4/2021	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0057
MTCA Method A Cleanup Level for Soil[6]					**5**								**0.1**
MTCA Method B Levels for Soil Protective of Groundwater Vadose @ 13 Degrees Celsius[7]					**4.5**								
MTCA Method B Levels for Soil Protective of Groundwater Saturated[7]					**0.24**								

NOTES:

Results in **bold** font and highlighted cells denote concentrations exceeding applicable 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]Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88).
[3]Analyzed by U.S. Environmental Protection Agency Method 8270E/SIM.
[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.
[7]Washington State Cleanup Levels and Risk Calculations (CLARC) under Washington State MTCA, Standard Method B Formula Values for Soil from CLARC Master spreadsheet, https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC

cPAHs = carcinogenic polycyclic aromatic hydrocarbons
PAHs = polycyclic aromatic hydrocarbons
TEC = toxic equivalent concentration
NE = not established

Table 5
Soil Analytical Results for Metals
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Elevation (feet NAVD88)[2]	Sample Date	Analytical Results (milligrams per kilogram)[3]				
					Arsenic	Cadmium	Chromium	Lead	Mercury
B-37-3	B-37-3-5.0	5.0	22.5	3/16/2021	< 11	< 0.55	20	< 5.5	< 0.28
	B-37-3-13.0	13.0	14.5	3/16/2021	< 12	< 0.58	29	6.1	< 0.29
	B-37-3-19.0	19.0	8.5	3/16/2021	< 12	< 0.59	36	9.8	< 0.29
	B-37-3-24.0	24.0	3.5	3/16/2021	< 12	< 0.61	29	51	< 0.30
B-37-4	B-37-4-5.0	5.0	22.4	3/17/2021	< 11	< 0.53	19	< 5.3	< 0.26
	B-37-4-13.0	13.0	14.4	3/17/2021	< 11	< 0.53	15	< 5.3	< 0.27
	B-37-4-19.0	19.0	8.4	3/17/2021	< 11	< 0.56	8.7	< 5.6	< 0.28
	B-37-4-24.0	24.0	3.4	3/17/2021	< 13	< 0.67	11	11	< 0.33
B-37-5	B-37-5-5.0	5.0	23.0	3/18/2021	< 11	< 0.57	24	< 5.7	< 0.28
	B-37-5-13.0	13.0	15.0	3/18/2021	< 11	< 0.57	23	< 5.7	< 0.28
	B-37-5-20.0	20.0	8.0	3/19/2021	< 13	< 0.66	26	74	< 0.33
	B-37-5-25.0	25.0	3.0	3/19/2021	< 12	< 0.59	27	< 5.9	< 0.30
	B-37-5-33.0	33.0	-5.0	3/19/2021	< 12	< 0.58	18	25	< 0.29
B-37-6	B-37-6-5.0	5.0	22.5	3/18/2021	< 11	< 0.54	19	< 5.4	< 0.27
	B-37-6-17.0	17.0	10.5	3/18/2021	< 14	< 0.71	28	8.8	< 0.36
	B-37-6-20.0	20.0	7.5	3/18/2021	< 12	< 0.61	25	< 6.1	< 0.31
	B-37-6-25.0	25.0	2.5	3/18/2021	< 12	< 0.59	21	< 5.9	< 0.30
	B-37-6-33.0	33.0	-5.5	3/18/2021	< 12	< 0.61	26	< 6.1	< 0.30
B-37-7	B-37-7-5.0	5.0	25.0	5/6/2021	< 11	< 0.53	23	5.3	< 0.26
	B-37-7-13.0	13.0	17.0	5/6/2021	< 11	< 0.55	25	< 5.5	< 0.28
	B-37-7-18.0	18.0	12.0	5/6/2021	< 12	< 0.60	19	< 6.0	< 0.30
	B-37-7-22.0	22.0	8.0	5/6/2021	< 13	< 0.65	59	< 6.5	< 0.32
	B-37-7-27.0	27.0	3.0	5/6/2021	< 12	< 0.61	28	< 6.1	< 0.31
	B-37-7-33.0	33.0	-3.0	5/6/2021	< 13	< 0.64	30	< 6.4	< 0.32
B-37-8	B-37-8-5.0	5.0	24.0	5/5/2021	< 11	< 0.54	24	< 5.4	< 0.27
	B-37-8-13.0	13.0	16.0	5/5/2021	< 11	< 0.55	22	< 5.5	< 0.28
	B-37-8-18.0	18.0	11.0	5/5/2021	< 16	< 0.81	20	11	< 0.40
	B-37-8-22.0	22.0	7.0	5/5/2021	< 12	< 0.60	24	< 6.0	< 0.30
	B-37-8-27.0	27.0	2.0	5/5/2021	< 12	< 0.62	23	< 6.2	< 0.31
	B-37-8-33.0	33.0	-4.0	5/5/2021	< 12	< 0.62	23	< 6.2	< 0.31
B-37-9	B-37-9-5.0	5.0	24.5	5/4/2021	< 13	< 0.63	42	< 6.3	< 0.32
	B-37-9-22.0	22.0	7.5	5/4/2021	< 12	< 0.62	21	< 6.2	< 0.31
	B-37-9-27.0	27.0	2.5	5/4/2021	< 13	< 0.63	30	< 6.3	< 0.32
	B-37-9-33.0	33.0	-3.5	5/4/2021	< 11	< 0.57	19	< 5.7	< 0.29
MTCA Cleanup Levels for Soil[4]					**20**	**2**	**2,000**	**250**	**2**

NOTES:

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

[1]Depth in feet below ground surface.

[2]Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88).

[3]Analyzed by U.S. Environmental Protection Agency Methods 6010D/7471B.

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

Table 6
Groundwater Analytical Results for Petroleum Hydrocarbons
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Screened Interval (feet bgs)[1]	Screened Interval (feet NAVD88)[2]	Sample Date	Sampled By	Sample Identification	Sample Depth (feet bgs)[1]	Sample Elevation (feet NAVD88)[2]	Analytical Results (micrograms per liter)						
								DRO[3]	ORO[3]	GRO[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Xylenes[5]
Monitoring Well Groundwater Samples														
B-37-3	15.0 to 25.0	---	4/1/2021	Farallon	B-37-3-040121	14.0	13.5	330	380	< 100	< 0.20	< 1.0	< 0.20	< 0.60
B-37-4	15.0 to 25.0	---	4/1/2021	Farallon	B-37-4-040121	14.0	13.4	**560**	400	< 100	0.21	< 1.0	< 0.20	< 0.60
B-37-5	15.0 to 25.0	---	4/1/2021	Farallon	B-37-5-040121	14.0	14.0	< 210	270	< 100	< 0.20	< 1.0	< 0.20	< 0.60
B-37-6	15.0 to 25.0	---	4/1/2021	Farallon	B-37-6-040121	14.0	13.5	260	450	< 100	< 0.20	< 1.0	< 0.20	< 0.60
B-37-7	30.0 to 40.0	---	5/10/2021	Farallon	B-37-7-051021	33.0	-3.0	400	250	< 100	< 0.20	< 1.0	< 0.20	< 0.60
B-37-8	30.0 to 40.0	---	5/10/2021	Farallon	B-37-8-051021	30.0	-1.0	< 210	< 210	< 100	< 0.20	< 1.0	< 0.20	< 0.60
B-37-9	30.0 to 40.0	---	5/10/2021	Farallon	B-37-9-051021	34.0	-4.5	240	< 210	< 100	< 0.20	< 1.0	< 0.20	< 0.60
MTCA Method A Cleanup Levels for Groundwater[6]								**500**	**500**	**800/1,000[7]**	**5**	**1,000**	**700**	**1,000**

NOTES:

Results in **bold** font and highlighted cells denote concentrations exceeding applicable cleanup levels.

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

— denotes information is unknown.

bgs = below ground surface

Farallon = Farallon Consulting, L.L.C.

[1]In feet below ground surface.

[2]In feet North American Vertical Datum of 1988.

[3]Analyzed by Northwest Method NWTPH-Dx.

[4]Analyzed by Northwest Method NWTPH-Gx.

[5]Analyzed by U.S. Environmental Protection Agency Method 8260D.

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

[7]Cleanup level is 800 micrograms per liter if benzene is detected and 1,000 micrograms per liter if benzene is not detected.

Table 7
Groundwater Analytical Results for Fuel Additives and Other Petroleum Components
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Screened Interval (feet bgs)[1]	Screened Interval (feet NAVD88)[2]	Sample Date	Sampled By	Sample Identification	Sample Depth (feet bgs)[1]	Sample Elevation (feet NAVD88)[2]	Analytical Results (micrograms per liter)[3]		
								1,2-Dibromoethane[4]	1,2-Dichloroethane	Methyl Tertiary Butyl Ether (MTBE)
Monitoring Well Groundwater Samples										
B-37-3	15.0 to 25.0	---	4/1/2021	Farallon	B-37-3-040121	14.0	13.5	< 0.0097	< 0.20	< 0.20
B-37-4	15.0 to 25.0	---	4/1/2021	Farallon	B-37-4-040121	14.0	13.4	< 0.0095	< 0.20	< 0.20
B-37-5	15.0 to 25.0	---	4/1/2021	Farallon	B-37-5-040121	14.0	14.0	< 0.0096	< 0.20	< 0.20
B-37-6	15.0 to 25.0	---	4/1/2021	Farallon	B-37-6-040121	14.0	13.5	< 0.0097	< 0.20	< 0.20
B-37-7	30.0 to 40.0	---	5/10/2021	Farallon	B-37-7-051021	33.0	-3.0	---	< 0.20	< 0.20
B-37-8	30.0 to 40.0	---	5/10/2021	Farallon	B-37-8-051021	30.0	-1.0	< 0.0097	< 0.20	< 0.20
B-37-9	30.0 to 40.0	---	5/10/2021	Farallon	B-37-9-051021	34.0	-4.5	---	< 0.20	< 0.20
MTCA Method A Cleanup Levels for Groundwater[5]								**0.01**	**5.0**	**20**

NOTES:
< denotes analyte not detected at or exceeding the reporting limit listed.
— denotes information is unknown.
bgs = below ground surface
Farallon = Farallon Consulting,

[1]In feet below ground surface.
[2]In feet North American Vertical Datum of 1988.
[3]Analyzed by U.S. Environmental Protection Agency Method 8260D.
[4]Analyzed by U.S. Environmental Protection Agency Method 8011.
[5]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

Table 8
Groundwater Analytical Results for Polycyclic Aromatic Hydrocarbons
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Screened Interval (feet bgs)[1]	Screened Interval (feet NAVD88)[2]	Sample Date	Sample Identification	Sample Depth (feet bgs)[1]	Sample Elevation (feet NAVD88)[2]	Analytical Results (micrograms per liter)[3]								
							Non-Carcinogenic PAHs	Carcinogenic PAHs							
							Naphthalene	Benzo(a) Pyrene	Benzo(a) Anthracene	Benzo(b) Fluoranthene	Benzo(j,k) Fluoranthene	Chrysene	Dibenz(a,h) Anthracene	Indeno(1,2,3-cd) Pyrene	Total cPAHs TEC[4,5]
Monitoring Well Groundwater Samples															
B-37-3	15.0 to 25.0	---	4/1/2021	B-37-3-040121	14.0	13.5	< 1.0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0076
B-37-4	15.0 to 25.0	---	4/1/2021	B-37-4-040121	14.0	13.4	< 1.0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0076
B-37-5	15.0 to 25.0	---	4/1/2021	B-37-5-040121	14.0	14.0	< 1.0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0076
B-37-6	15.0 to 25.0	---	4/1/2021	B-37-6-040121	14.0	13.5	< 1.0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0076
B-37-7	30.0 to 40.0	---	5/10/2021	B-37-7-051021	33.0	-3.0	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0076
B-37-8	30.0 to 40.0	---	5/10/2021	B-37-8-051021	30.0	-1.0	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0076
B-37-9	30.0 to 40.0	---	5/10/2021	B-37-9-051021	34.0	-4.5	0.15	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0075
MTCA Method A Cleanup Level for Groundwater[6]							**160**								**0.1**

NOTES:

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

— denotes information is unknown.

[1]In feet below ground surface.

[2]In feet North American Vertical Datum of 1988.

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

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

bgs = below ground surface

PAHs = polycyclic aromatic hydrocarbons

Farallon = Farallon Consulting, L.L.C.

TEC = toxic equivalent concentration

Table 9
Groundwater Analytical Results for Polychlorinated Biphenyls
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Screened Interval (feet bgs)1	Screened Interval (feet NAVD88)2	Sample Date	Sampled By	Sample Identification	Analytical Results (micrograms per liter)[1]							
						Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs[2]
B-37-8	30.0 to 40.0	---	5/10/2021	Farallon	B-37-8-051021	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.35
MTCA Method A Cleanup Level for Groundwater[3]													**0.1**

NOTES:

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

PCB = polychlorinated biphenyl

— denotes information is unknown.

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

[2]Where all Aroclors were non-detect in a specific sample, half the reporting limit for each Aroclor was used to calculate total PCBs.

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

Table 10
Groundwater Analytical Results for Metals
South Lake Union Block 37 Property
Seattle, Washington
Farallon PN: 397-066

Sample Location	Screened Interval (feet bgs)[1]	Screened Interval (feet NAVD88)[2]	Sample Date	Sampled By	Sample Identification	Sample Depth (feet bgs)[1]	Sample Elevation (feet NAVD88)[2]	Analytical Results (micrograms per liter)[3]					
								Total Arsenic	Dissolved Arsenic	Total Cadmium	Total Chromium	Total Lead	Total Mercury
Monitoring Well Groundwater Samples													
B-37-3	15.0 to 25.0	---	4/1/2021	Farallon	B-37-3-040121	14.0	13.5	**9.6**	< 3.0	< 4.4	< 11	1.5	< 0.50
B-37-4	15.0 to 25.0	---	4/1/2021	Farallon	B-37-4-040121	14.0	13.4	< 3.3	---	< 4.4	< 11	1.8	< 0.50
B-37-5	15.0 to 25.0	---	4/1/2021	Farallon	B-37-5-040121	14.0	14.0	**6.0**	< 3.0	< 4.4	< 11	1.2	< 0.50
B-37-6	15.0 to 25.0	---	4/1/2021	Farallon	B-37-6-040121	14.0	13.5	< 3.3	---	< 4.4	< 11	< 1.1	< 0.50
B-37-7	30.0 to 40.0	---	5/10/2021	Farallon	B-37-7-051021	33.0	-3.0	< 3.3	---	< 4.4	< 11	< 1.1	< 0.50
B-37-8	30.0 to 40.0	---	5/10/2021	Farallon	B-37-8-051021	30.0	-1.0	< 3.3	---	< 4.4	< 11	< 1.1	< 0.50
B-37-9	30.0 to 40.0	---	5/10/2021	Farallon	B-37-9-051021	34.0	-4.5	**21**	**18**	< 4.4	< 11	< 1.1	< 0.50
MTCA Method A Cleanup Levels for Groundwater[6]								**5**	**5**	**5**	**50**	**15**	**2**

NOTES:

Results in **bold** font and highlighted cells denote concentrations exceeding applicable cleanup levels.

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

— denotes sample not analyzed or information is unknown.

bgs = below ground surface

Farallon = Farallon Consulting, L.L.C.

[1]In feet below ground surface.

[2]In feet North American Vertical Datum of 1988.

[5]Analyzed by U.S. Environmental Protection Agency Method 200.8/7470A.

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

APRIL AND MAY 2021 LABORATORY ANALYTICAL REPORTS

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

March 26, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2103-201

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on March 17, 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: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

Case Narrative

Samples were collected on March 16 and 17, 2021 and received by the laboratory on March 17, 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: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-5.0**					
Laboratory ID:	03-201-01					
Gasoline	**ND**	4.9	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*58-129*				
Client ID:	**B-37-3-13.0**					
Laboratory ID:	03-201-02					
Gasoline	**ND**	4.8	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*58-129*				
Client ID:	**B-37-3-19.0**					
Laboratory ID:	03-201-03					
Gasoline	**ND**	5.5	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*58-129*				
Client ID:	**B-37-3-24.0**					
Laboratory ID:	03-201-04					
Gasoline	**ND**	5.8	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*58-129*				
Client ID:	**B-37-4-5.0**					
Laboratory ID:	03-201-05					
Gasoline	**ND**	4.7	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*58-129*				
Client ID:	**B-37-4-13.0**					
Laboratory ID:	03-201-06					
Gasoline	**ND**	4.2	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*58-129*				
Client ID:	**B-37-4-19.0**					
Laboratory ID:	03-201-07					
Gasoline	**ND**	5.8	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*58-129*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-24.0**					
Laboratory ID:	03-201-08					
Gasoline	**ND**	8.8	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*73*	*58-129*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0319S2					
Gasoline	**ND**	5.0	NWTPH-Gx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*58-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-201-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*87*	*86*	*58-129*			

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-5.0**					
Laboratory ID:	03-201-01					
Diesel Range Organics	**ND**	28	NWTPH-Dx	3-19-21	3-23-21	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**B-37-3-13.0**					
Laboratory ID:	03-201-02					
Diesel Range Organics	**ND**	29	NWTPH-Dx	3-19-21	3-23-21	
Lube Oil	**86**	58	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*72*	*50-150*				
Client ID:	**B-37-3-19.0**					
Laboratory ID:	03-201-03					
Diesel Range Organics	**53**	29	NWTPH-Dx	3-19-21	3-23-21	N
Lube Oil	**300**	59	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*79*	*50-150*				
Client ID:	**B-37-3-24.0**					
Laboratory ID:	03-201-04					
Diesel Range Organics	**ND**	30	NWTPH-Dx	3-19-21	3-23-21	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*76*	*50-150*				
Client ID:	**B-37-4-5.0**					
Laboratory ID:	03-201-05					
Diesel Range Organics	**ND**	26	NWTPH-Dx	3-19-21	3-23-21	
Lube Oil	**71**	53	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*73*	*50-150*				
Client ID:	**B-37-4-13.0**					
Laboratory ID:	03-201-06					
Diesel Range Organics	**ND**	27	NWTPH-Dx	3-19-21	3-23-21	
Lube Oil	**230**	53	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-19.0**					
Laboratory ID:	03-201-07					
Diesel Range Organics	**ND**	29	NWTPH-Dx	3-19-21	3-23-21	U1
Lube Oil	**540**	56	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				
Client ID:	**B-37-4-24.0**					
Laboratory ID:	03-201-08					
Diesel Range Organics	**72**	34	NWTPH-Dx	3-19-21	3-23-21	N
Lube Oil Range Organics	**490**	67	NWTPH-Dx	3-19-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*75*	*50-150*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0319S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	3-19-21	3-19-21	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	03-201-08									
	ORIG	DUP								
Diesel Range Organics	**53.5**	**42.2**	NA	NA		NA	NA	24	NA	N
Lube Oil Range Organics	**367**	**281**	NA	NA		NA	NA	27	NA	
Surrogate:										
o-Terphenyl						*75* *82*	*50-150*			

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-5.0**					
Laboratory ID:	03-201-01					
Methyl t-Butyl Ether	ND	0.00089	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.00089	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0044	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.00089	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0018	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.00089	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*97*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-13.0**					
Laboratory ID:	03-201-02					
Methyl t-Butyl Ether	ND	0.00085	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.00085	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0043	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.00085	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0017	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.00085	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-19.0**					
Laboratory ID:	03-201-03					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0050	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0020	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*74-131*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-24.0**					
Laboratory ID:	03-201-04					
Methyl t-Butyl Ether	ND	0.00082	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.00082	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0041	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.00082	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0016	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.00082	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*74-131*				
Toluene-d8	*106*	*78-128*				
4-Bromofluorobenzene	*106*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-5.0**					
Laboratory ID:	03-201-05					
Methyl t-Butyl Ether	ND	0.00083	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.00083	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0042	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.00083	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0017	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.00083	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-13.0**					
Laboratory ID:	03-201-06					
Methyl t-Butyl Ether	ND	0.00070	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.00070	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0035	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.00070	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0014	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.00070	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*91*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-19.0**					
Laboratory ID:	03-201-07					
Methyl t-Butyl Ether	ND	0.00099	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.00099	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0049	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.00099	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0020	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.00099	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*87*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-24.0**					
Laboratory ID:	03-201-08					
Methyl t-Butyl Ether	ND	0.0013	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.0013	EPA 8260D	3-19-21	3-19-21	
Toluene	0.0087	0.0064	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.0013	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0025	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.0013	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*74-131*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*77*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0319S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
Benzene	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
Toluene	ND	0.0050	EPA 8260D	3-19-21	3-19-21	
Ethylbenzene	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
m,p-Xylene	ND	0.0020	EPA 8260D	3-19-21	3-19-21	
o-Xylene	ND	0.0010	EPA 8260D	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*97*	*71-130*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0319S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0487**	**0.0541**	0.0500	0.0500	97	108	55-126	11	17	
Benzene	**0.0570**	**0.0517**	0.0500	0.0500	114	103	65-121	10	16	
Trichloroethene	**0.0548**	**0.0526**	0.0500	0.0500	110	105	74-126	4	16	
Toluene	**0.0573**	**0.0523**	0.0500	0.0500	115	105	71-121	9	16	
Chlorobenzene	**0.0559**	**0.0532**	0.0500	0.0500	112	106	72-123	5	16	
Surrogate:										
Dibromofluoromethane					*101*	*104*	*74-131*			
Toluene-d8					*100*	*100*	*78-128*			
4-Bromofluorobenzene					*106*	*101*	*71-130*			

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-5.0**					
Laboratory ID:	03-201-01					
Naphthalene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*41 - 114*				
Pyrene-d10	*92*	*39 - 115*				
Terphenyl-d14	*94*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-13.0**					
Laboratory ID:	03-201-02					
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*41 - 114*				
Pyrene-d10	*88*	*39 - 115*				
Terphenyl-d14	*93*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-19.0**					
Laboratory ID:	03-201-03					
Naphthalene	**ND**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**0.0097**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**0.015**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**0.011**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**0.010**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*41 - 114*				
Pyrene-d10	*80*	*39 - 115*				
Terphenyl-d14	*86*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-24.0**					
Laboratory ID:	03-201-04					
Naphthalene	**0.018**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**0.015**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**0.015**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**0.016**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**0.016**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**0.0096**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*41 - 114*				
Pyrene-d10	*89*	*39 - 115*				
Terphenyl-d14	*91*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-5.0**					
Laboratory ID:	03-201-05					
Naphthalene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*41 - 114*				
Pyrene-d10	*97*	*39 - 115*				
Terphenyl-d14	*98*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-13.0**					
Laboratory ID:	03-201-06					
Naphthalene	**0.0075**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**0.013**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**0.023**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**0.012**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**0.014**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*41 - 114*				
Pyrene-d10	*99*	*39 - 115*				
Terphenyl-d14	*95*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-19.0**					
Laboratory ID:	03-201-07					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Benzo[a]anthracene	**0.0097**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Chrysene	**0.030**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Benzo[b]fluoranthene	**0.0095**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Benzo[a]pyrene	**0.012**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	3-19-21	3-22-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*41 - 114*				
Pyrene-d10	*91*	*39 - 115*				
Terphenyl-d14	*91*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-24.0**					
Laboratory ID:	03-201-08					
Naphthalene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**0.014**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0089	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*41 - 114*				
Pyrene-d10	*77*	*39 - 115*				
Terphenyl-d14	*80*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0319S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	3-19-21	3-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*90*	*41 - 114*				
Pyrene-d10	*95*	*39 - 115*				
Terphenyl-d14	*99*	*44 - 125*				

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

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:	03-193-01										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0571**	**0.0550**	0.0833	0.0833	ND	69	66	41 - 123	4	23	
Acenaphthylene	**0.0573**	**0.0565**	0.0833	0.0833	ND	69	68	45 - 124	1	20	
Acenaphthene	**0.0585**	**0.0573**	0.0833	0.0833	ND	70	69	46 - 122	2	23	
Fluorene	**0.0663**	**0.0639**	0.0833	0.0833	ND	80	77	45 - 128	4	27	
Phenanthrene	**0.0673**	**0.0653**	0.0833	0.0833	ND	81	78	38 - 133	3	33	
Anthracene	**0.0681**	**0.0669**	0.0833	0.0833	ND	82	80	49 - 127	2	21	
Fluoranthene	**0.0735**	**0.0715**	0.0833	0.0833	ND	88	86	45 - 130	3	29	
Pyrene	**0.0701**	**0.0729**	0.0833	0.0833	ND	84	88	43 - 132	4	32	
Benzo[a]anthracene	**0.0745**	**0.0747**	0.0833	0.0833	ND	89	90	49 - 139	0	27	
Chrysene	**0.0739**	**0.0735**	0.0833	0.0833	ND	89	88	47 - 127	1	28	
Benzo[b]fluoranthene	**0.0753**	**0.0696**	0.0833	0.0833	ND	90	84	46 - 129	8	31	
Benzo(j,k)fluoranthene	**0.0722**	**0.0775**	0.0833	0.0833	ND	87	93	46 - 128	7	25	
Benzo[a]pyrene	**0.0728**	**0.0724**	0.0833	0.0833	ND	87	87	47 - 134	1	27	
Indeno(1,2,3-c,d)pyrene	**0.0716**	**0.0719**	0.0833	0.0833	ND	86	86	42 - 133	0	25	
Dibenz[a,h]anthracene	**0.0726**	**0.0726**	0.0833	0.0833	ND	87	87	46 - 129	0	24	
Benzo[g,h,i]perylene	**0.0722**	**0.0727**	0.0833	0.0833	ND	87	87	44 - 129	1	27	
Surrogate:											
2-Fluorobiphenyl						*76*	*74*	*41 - 114*			
Pyrene-d10						*94*	*97*	*39 - 115*			
Terphenyl-d14						*98*	*96*	*44 - 125*			

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-5.0**					
Laboratory ID:	03-201-01					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.55	EPA 6010D	3-23-21	3-23-21	
Chromium	**20**	0.55	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.5	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.28	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-3-13.0**					
Laboratory ID:	03-201-02					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.58	EPA 6010D	3-23-21	3-23-21	
Chromium	**29**	0.58	EPA 6010D	3-23-21	3-23-21	
Lead	**6.1**	5.8	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.29	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-3-19.0**					
Laboratory ID:	03-201-03					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.59	EPA 6010D	3-23-21	3-23-21	
Chromium	**36**	0.59	EPA 6010D	3-23-21	3-23-21	
Lead	**9.8**	5.9	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.29	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-3-24.0**					
Laboratory ID:	03-201-04					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.61	EPA 6010D	3-23-21	3-23-21	
Chromium	**29**	0.61	EPA 6010D	3-23-21	3-23-21	
Lead	**51**	6.1	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.30	EPA 7471B	3-24-21	3-24-21	

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-5.0**					
Laboratory ID:	03-201-05					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.53	EPA 6010D	3-23-21	3-23-21	
Chromium	**19**	0.53	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.3	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.26	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-4-13.0**					
Laboratory ID:	03-201-06					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.53	EPA 6010D	3-23-21	3-23-21	
Chromium	**15**	0.53	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.3	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.27	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-4-19.0**					
Laboratory ID:	03-201-07					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.56	EPA 6010D	3-23-21	3-23-21	
Chromium	**8.7**	0.56	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.6	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.28	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-4-24.0**					
Laboratory ID:	03-201-08					
Arsenic	**ND**	13	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.67	EPA 6010D	3-23-21	3-23-21	
Chromium	**11**	0.67	EPA 6010D	3-23-21	3-23-21	
Lead	**11**	6.7	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.33	EPA 7471B	3-24-21	3-24-21	

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323SM1					
Arsenic	**ND**	10	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.50	EPA 6010D	3-23-21	3-23-21	
Chromium	**ND**	0.50	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.0	EPA 6010D	3-23-21	3-23-21	
Laboratory ID:	MB0324S1					
Mercury	**ND**	0.25	EPA 7471B	3-24-21	3-24-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-080-20										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**16.6**	**16.9**	NA	NA		NA		NA	1	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	03-080-20										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	03-080-20										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**103**	**100**	100	100	ND	**103**	**100**	75-125	3	20	
Cadmium	**46.5**	**44.6**	50.0	50.0	ND	**93**	**89**	75-125	4	20	
Chromium	**117**	**112**	100	100	16.6	**101**	**96**	75-125	4	20	
Lead	**259**	**249**	250	250	ND	**104**	**100**	75-125	4	20	
Laboratory ID:	03-080-20										
Mercury	**0.497**	**0.496**	0.500	0.500	0.0118	**97**	**97**	80-120	0	20	

Date of Report: March 26, 2021
Samples Submitted: March 17, 2021
Laboratory Reference: 2103-201
Project: 397-066

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
B-37-3-5.0	03-201-01	**10**	3-19-21
B-37-3-13.0	03-201-02	**13**	3-19-21
B-37-3-19.0	03-201-03	**15**	3-19-21
B-37-3-24.0	03-201-04	**18**	3-19-21
B-37-4-5.0	03-201-05	**5**	3-19-21
B-37-4-13.0	03-201-06	**6**	3-19-21
B-37-4-19.0	03-201-07	**11**	3-19-21
B-37-4-24.0	03-201-08	**25**	3-19-21

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon
Project Number: 397-066
Project Name: Block 37
Project Manager: Brani Jurista
Sampled by: Braeden Lukkari

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

Laboratory Number: 03-201

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-3-5.0	3/16/21	0847	Soil	5
2	B-37-3-13.0		0853		5
3	B-37-3-19.0		0905		5
4	B-37-3-24.0		0911		5
5	B-37-4-5.0	3/17/21	0759		5
6	B-37-4-13.0		0812		5
7	B-37-4-19.0		0823		5
8	B-37-4-24.0		0833		5

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX 8260	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) cPAH + Naphthalene	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	MTBE				% Moisture
1		X		X					X						X			X				X
2		X		X					X						X			X				X
3		X		X					X						X			X				X
4		X		X					X						X			X				X
5		X		X					X						X			X				X
6		X		X					X						X			X				X
7		X		X					X						X			X				X
8		X		X					X						X			X				X

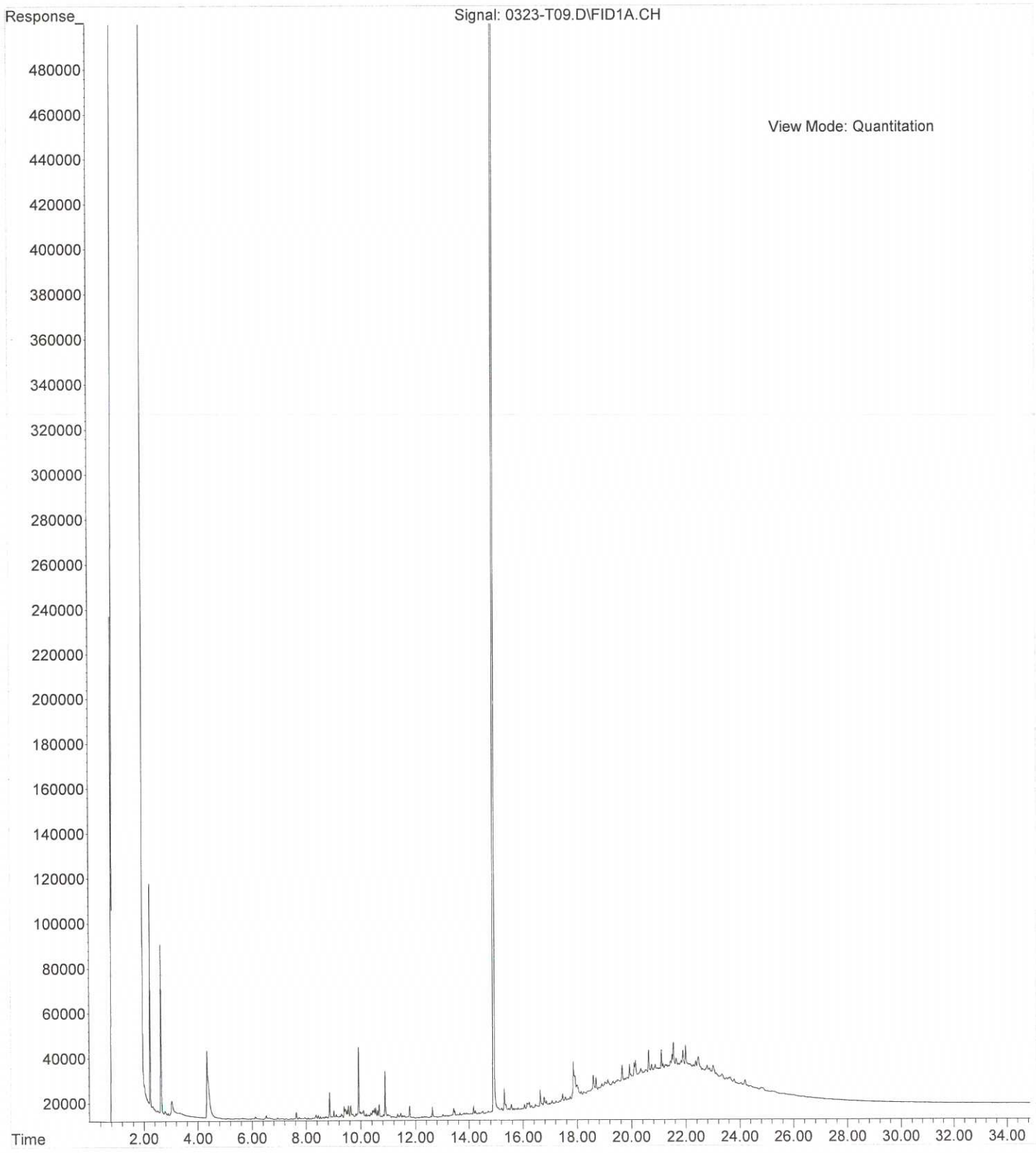
	Signature	Company	Date	Time
Relinquished	Braeden Lukkari	Farallon	3/17/21	1606
Received		ONE	3/17/21	1606
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Hold for PM instructions
⊗ added 3/18 STA NB

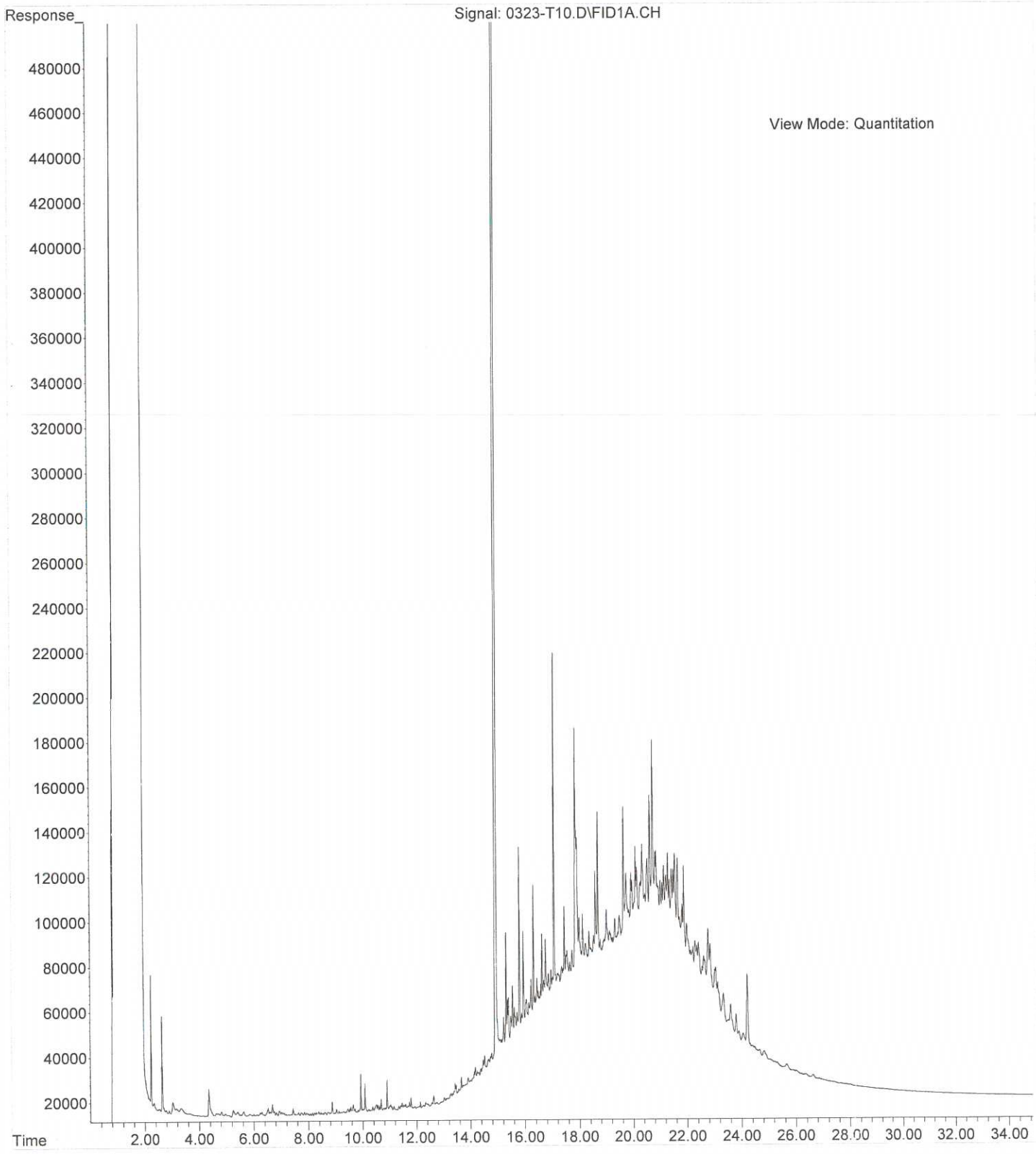
Data Package: Standard ☐ Level III ☐ Level IV ☐

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

File :C:\msdchem\1\data\T210323\0323-T09.D
Operator : JT
Acquired : 23 Mar 2021 13:59 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-201-02
Misc Info :
Vial Number: 9



File :C:\msdchem\1\data\T210323\0323-T10.D
Operator : JT
Acquired : 23 Mar 2021 15:09 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-201-03
Misc Info :
Vial Number: 10



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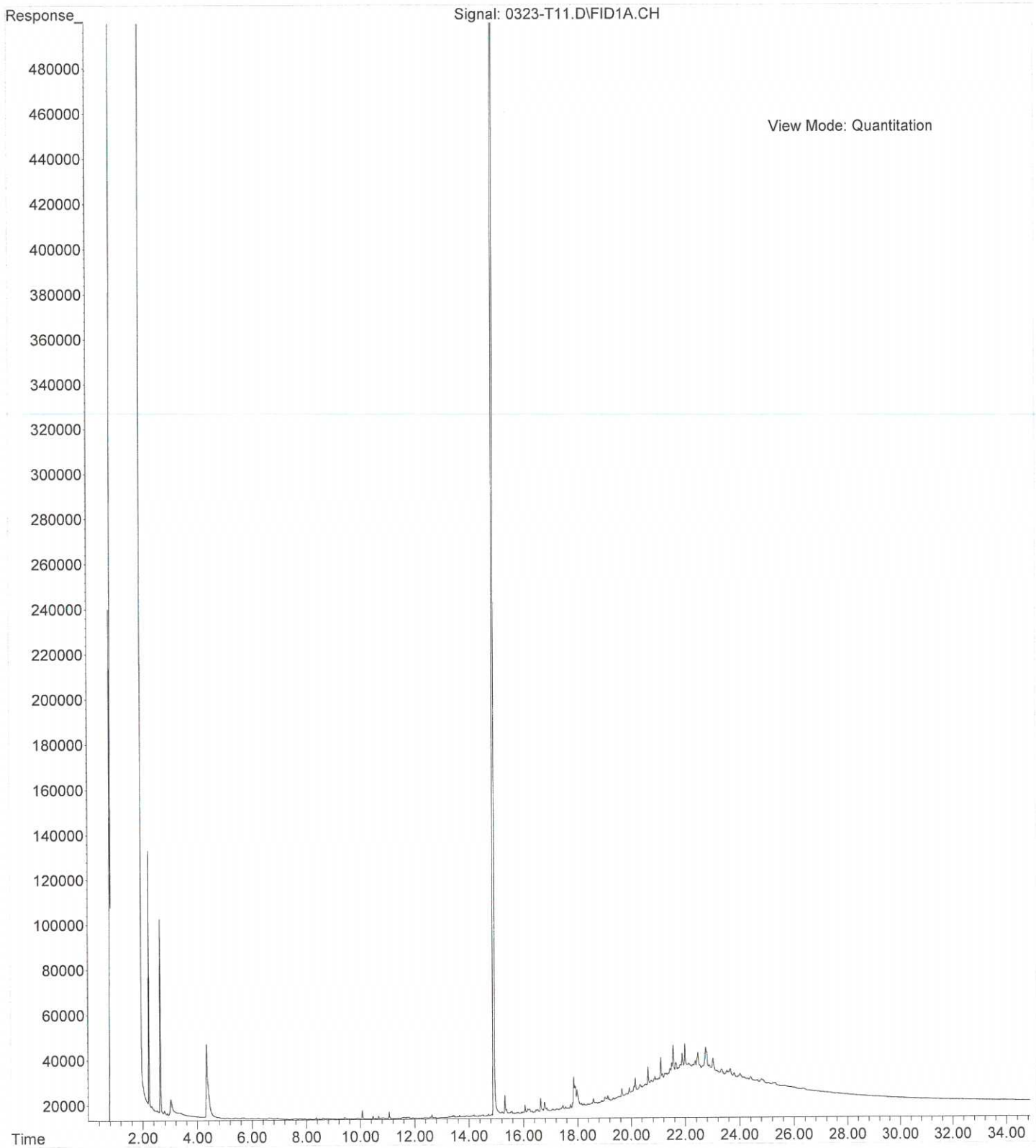
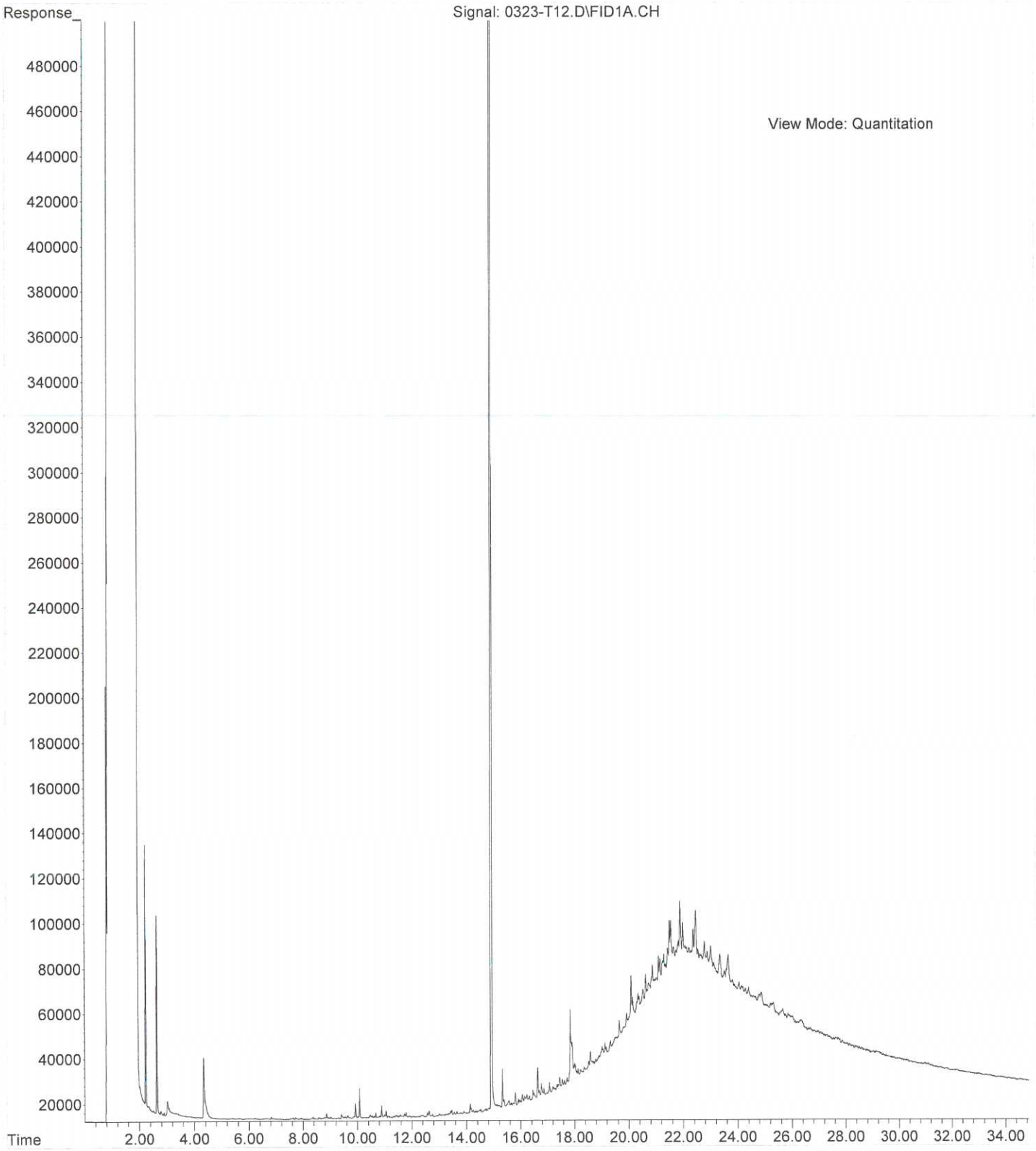
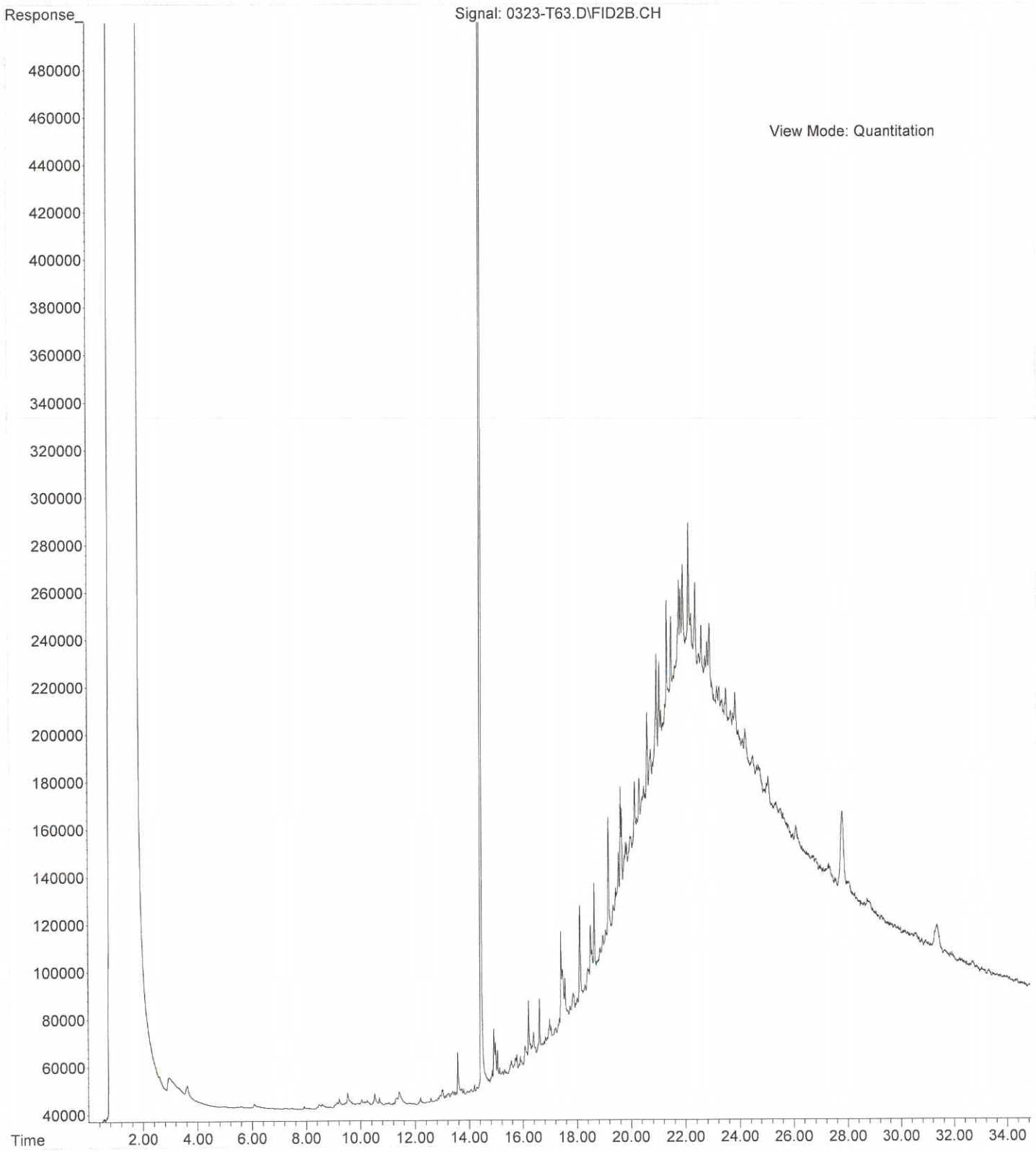
Operator : JT
Acquired : 23 Mar 2021 15:52 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-201-05
Misc Info :
Vial Number: 11



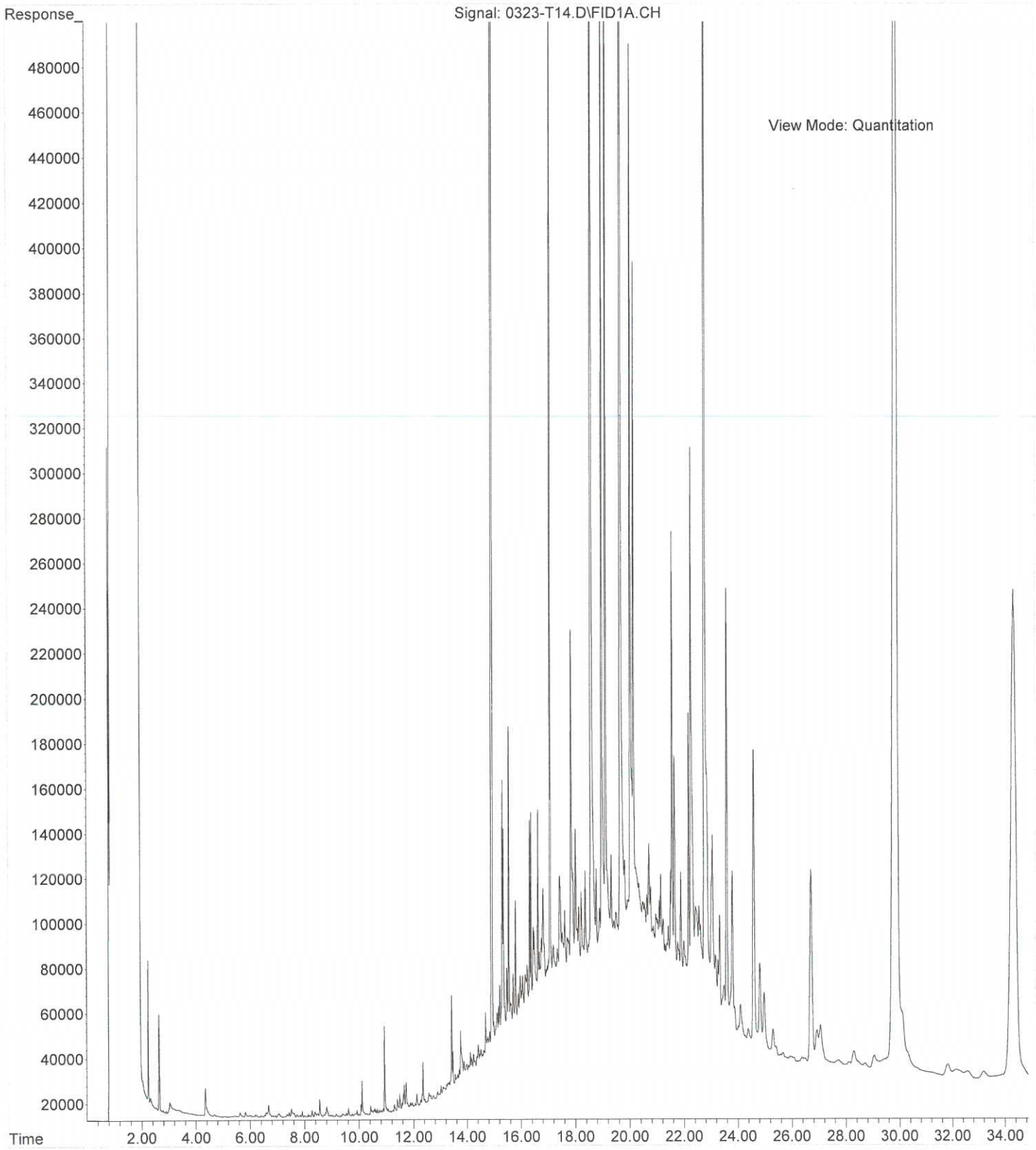
File : C:\msdchem\1\data\T210323\0323-T12.D
Operator : JT
Acquired : 23 Mar 2021 16:34 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-201-06
Misc Info :
Vial Number: 12



File :C:\msdchem\1\data\T210323.SEC\0323-T63.D
Operator : JT
Acquired : 23 Mar 2021 17:17 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-201-07
Misc Info :
Vial Number: 63



File :C:\msdchem\1\data\T210323\0323-T14.D
Operator : JT
Acquired : 23 Mar 2021 18:00 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-201-08
Misc Info :
Vial Number: 14



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

March 31, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2103-237

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on March 19, 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: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

Case Narrative

Samples were collected on March 18 and 19, 2021 and received by the laboratory on March 19, 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: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-5.0**					
Laboratory ID:	03-237-01					
Gasoline	**ND**	4.8	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*58-129*				
Client ID:	**B-37-6-17.0**					
Laboratory ID:	03-237-02					
Gasoline	**ND**	7.6	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*58-129*				
Client ID:	**B-37-6-20.0**					
Laboratory ID:	03-237-03					
Gasoline	**ND**	5.6	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*58-129*				
Client ID:	**B-37-6-25.0**					
Laboratory ID:	03-237-04					
Gasoline	**ND**	5.5	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*58-129*				
Client ID:	**B-37-6-33.0**					
Laboratory ID:	03-237-05					
Gasoline	**ND**	5.9	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*58-129*				
Client ID:	**B-37-5-5.0**					
Laboratory ID:	03-237-06					
Gasoline	**ND**	4.2	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*58-129*				
Client ID:	**B-37-5-13.0**					
Laboratory ID:	03-237-07					
Gasoline	**ND**	4.8	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*58-129*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-20.0**					
Laboratory ID:	03-237-08					
Gasoline	**ND**	6.9	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*58-129*				
Client ID:	**B-37-5-25.0**					
Laboratory ID:	03-237-09					
Gasoline	**ND**	5.6	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*58-129*				
Client ID:	**B-37-5-33.0**					
Laboratory ID:	03-237-10					
Gasoline	**ND**	5.1	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*58-129*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323S1					
Gasoline	**ND**	5.0	NWTPH-Gx	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*58-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-237-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*92*	*88*	*58-129*			

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-5.0**					
Laboratory ID:	03-237-01					
Diesel Range Organics	**ND**	27	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*82*	*50-150*				
Client ID:	**B-37-6-17.0**					
Laboratory ID:	03-237-02					
Diesel Range Organics	**ND**	36	NWTPH-Dx	3-24-21	3-25-21	
Lube Oil	**120**	71	NWTPH-Dx	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				
Client ID:	**B-37-6-20.0**					
Laboratory ID:	03-237-03					
Diesel Range Organics	**ND**	31	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**B-37-6-25.0**					
Laboratory ID:	03-237-04					
Diesel Range Organics	**ND**	30	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				
Client ID:	**B-37-6-33.0**					
Laboratory ID:	03-237-05					
Diesel Range Organics	**ND**	30	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**B-37-5-5.0**					
Laboratory ID:	03-237-06					
Diesel Range Organics	**ND**	28	NWTPH-Dx	3-24-21	3-25-21	
Lube Oil	**340**	57	NWTPH-Dx	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*82*	*50-150*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-13.0**					
Laboratory ID:	03-237-07					
Diesel Range Organics	**ND**	29	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**B-37-5-20.0**					
Laboratory ID:	03-237-08					
Diesel Range Organics	**ND**	33	NWTPH-Dx	3-24-21	3-25-21	
Lube Oil	**88**	66	NWTPH-Dx	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				
Client ID:	**B-37-5-25.0**					
Laboratory ID:	03-237-09					
Diesel Range Organics	**ND**	30	NWTPH-Dx	3-24-21	3-25-21	
Lube Oil	**72**	59	NWTPH-Dx	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**B-37-5-33.0**					
Laboratory ID:	03-237-10					
Diesel Range Organics	**ND**	29	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0324S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	3-24-21	3-24-21	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	3-24-21	3-24-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0324S1										
	ORIG	DUP									
Diesel Fuel #2	**82.6**	**78.7**	NA	NA		NA		NA	5	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*89*	*87*	*50-150*			

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-5.0**					
Laboratory ID:	03-237-01					
Methyl t-Butyl Ether	ND	0.00082	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00082	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0041	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00082	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0016	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00082	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-17.0**					
Laboratory ID:	03-237-02					
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	3-23-2021	3-23-2021	
Benzene	ND	0.0011	EPA 8260D	3-23-2021	3-23-2021	
Toluene	ND	0.0054	EPA 8260D	3-23-2021	3-23-2021	
Ethylbenzene	ND	0.0011	EPA 8260D	3-23-2021	3-23-2021	
m,p-Xylene	ND	0.0021	EPA 8260D	3-23-2021	3-23-2021	
o-Xylene	ND	0.0011	EPA 8260D	3-23-2021	3-23-2021	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-20.0**					
Laboratory ID:	03-237-03					
Methyl t-Butyl Ether	ND	0.00089	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00089	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0045	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00089	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0018	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00089	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-25.0**					
Laboratory ID:	03-237-04					
Methyl t-Butyl Ether	ND	0.00092	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00092	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0046	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00092	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0018	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00092	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-33.0**					
Laboratory ID:	03-237-05					
Methyl t-Butyl Ether	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0045	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0018	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-5.0**					
Laboratory ID:	03-237-06					
Methyl t-Butyl Ether	ND	0.00080	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00080	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0040	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00080	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0016	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00080	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-13.0**					
Laboratory ID:	03-237-07					
Methyl t-Butyl Ether	ND	0.00084	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00084	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0042	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00084	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0017	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00084	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-20.0**					
Laboratory ID:	03-237-08					
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	3-23-21	3-23-21	
Benzene	0.0028	0.0011	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0053	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.0011	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0021	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.0011	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

Date of Report: March 31, 2021
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Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-25.0**					
Laboratory ID:	03-237-09					
Methyl t-Butyl Ether	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0046	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0018	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*74-131*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-33.0**					
Laboratory ID:	03-237-10					
Methyl t-Butyl Ether	ND	0.00081	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.00081	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0040	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.00081	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0016	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.00081	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	3-23-21	3-23-21	
Benzene	ND	0.0010	EPA 8260D	3-23-21	3-23-21	
Toluene	ND	0.0050	EPA 8260D	3-23-21	3-23-21	
Ethylbenzene	ND	0.0010	EPA 8260D	3-23-21	3-23-21	
m,p-Xylene	ND	0.0020	EPA 8260D	3-23-21	3-23-21	
o-Xylene	ND	0.0010	EPA 8260D	3-23-21	3-23-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0323S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0413**	**0.0436**	0.0500	0.0500	83	87	55-126	5	17	
Benzene	**0.0433**	**0.0468**	0.0500	0.0500	87	94	65-121	8	16	
Trichloroethene	**0.0502**	**0.0514**	0.0500	0.0500	100	103	74-126	2	16	
Toluene	**0.0435**	**0.0464**	0.0500	0.0500	87	93	71-121	6	16	
Chlorobenzene	**0.0476**	**0.0486**	0.0500	0.0500	95	97	72-123	2	16	
Surrogate:										
Dibromofluoromethane					*99*	*96*	*74-131*			
Toluene-d8					*96*	*96*	*78-128*			
4-Bromofluorobenzene					*101*	*102*	*71-130*			

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-5.0**					
Laboratory ID:	03-237-01					
Naphthalene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*87*	*46 - 113*				
Pyrene-d10	*100*	*45 - 114*				
Terphenyl-d14	*100*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-17.0**					
Laboratory ID:	03-237-02					
Naphthalene	**0.13**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**0.11**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**0.10**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**0.13**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**0.041**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**0.11**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**0.076**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**0.012**	0.0095	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*46 - 113*				
Pyrene-d10	*99*	*45 - 114*				
Terphenyl-d14	*94*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-20.0**					
Laboratory ID:	03-237-03					
Naphthalene	**0.026**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**0.010**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**0.010**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**0.012**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**0.011**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*46 - 113*				
Pyrene-d10	*94*	*45 - 114*				
Terphenyl-d14	*101*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-25.0**					
Laboratory ID:	03-237-04					
Naphthalene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*46 - 113*				
Pyrene-d10	*89*	*45 - 114*				
Terphenyl-d14	*93*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-33.0**					
Laboratory ID:	03-237-05					
Naphthalene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0081	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*46 - 113*				
Pyrene-d10	*96*	*45 - 114*				
Terphenyl-d14	*105*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-5.0**					
Laboratory ID:	03-237-06					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**0.016**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**0.0081**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*85*	*46 - 113*				
Pyrene-d10	*91*	*45 - 114*				
Terphenyl-d14	*91*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-13.0**					
Laboratory ID:	03-237-07					
Naphthalene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*87*	*46 - 113*				
Pyrene-d10	*89*	*45 - 114*				
Terphenyl-d14	*97*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-20.0**					
Laboratory ID:	03-237-08					
Naphthalene	**0.16**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**0.017**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**0.016**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**0.010**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**0.0098**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0088	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*92*	*46 - 113*				
Pyrene-d10	*103*	*45 - 114*				
Terphenyl-d14	*103*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-25.0**					
Laboratory ID:	03-237-09					
Naphthalene	**0.028**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*46 - 113*				
Pyrene-d10	*102*	*45 - 114*				
Terphenyl-d14	*96*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-33.0**					
Laboratory ID:	03-237-10					
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*94*	*46 - 113*				
Pyrene-d10	*100*	*45 - 114*				
Terphenyl-d14	*105*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0324S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*98*	*46 - 113*				
Pyrene-d10	*106*	*45 - 114*				
Terphenyl-d14	*111*	*49 - 121*				

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

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:	03-202-02										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0601**	**0.0705**	0.0833	0.0833	ND	72	85	51 - 115	16	26	
Acenaphthylene	**0.0671**	**0.0759**	0.0833	0.0833	ND	81	91	53 - 121	12	24	
Acenaphthene	**0.0660**	**0.0761**	0.0833	0.0833	ND	79	91	52 - 121	14	25	
Fluorene	**0.0697**	**0.0807**	0.0833	0.0833	ND	84	97	58 - 127	15	23	
Phenanthrene	**0.0718**	**0.0779**	0.0833	0.0833	ND	86	94	46 - 129	8	28	
Anthracene	**0.0723**	**0.0797**	0.0833	0.0833	ND	87	96	57 - 124	10	21	
Fluoranthene	**0.0722**	**0.0780**	0.0833	0.0833	ND	87	94	46 - 136	8	29	
Pyrene	**0.0785**	**0.0848**	0.0833	0.0833	ND	94	102	41 - 136	8	32	
Benzo[a]anthracene	**0.0786**	**0.0843**	0.0833	0.0833	ND	94	101	56 - 136	7	25	
Chrysene	**0.0736**	**0.0815**	0.0833	0.0833	ND	88	98	49 - 130	10	22	
Benzo[b]fluoranthene	**0.0772**	**0.0861**	0.0833	0.0833	ND	93	103	51 - 135	11	26	
Benzo(j,k)fluoranthene	**0.0767**	**0.0840**	0.0833	0.0833	ND	92	101	56 - 124	9	23	
Benzo[a]pyrene	**0.0793**	**0.0872**	0.0833	0.0833	ND	95	105	54 - 133	9	26	
Indeno(1,2,3-c,d)pyrene	**0.0810**	**0.0839**	0.0833	0.0833	ND	97	101	52 - 134	4	20	
Dibenz[a,h]anthracene	**0.0766**	**0.0843**	0.0833	0.0833	ND	92	101	58 - 127	10	17	
Benzo[g,h,i]perylene	**0.0757**	**0.0836**	0.0833	0.0833	ND	91	100	54 - 129	10	21	
Surrogate:											
2-Fluorobiphenyl						*82*	*92*	*46 - 113*			
Pyrene-d10						*92*	*95*	*45 - 114*			
Terphenyl-d14						*98*	*105*	*49 - 121*			

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-5.0**					
Laboratory ID:	03-237-01					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.54	EPA 6010D	3-23-21	3-23-21	
Chromium	**19**	0.54	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.4	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.27	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-6-17.0**					
Laboratory ID:	03-237-02					
Arsenic	**ND**	14	EPA 6010D	3-26-21	3-26-21	
Cadmium	**ND**	0.71	EPA 6010D	3-26-21	3-26-21	
Chromium	**28**	0.71	EPA 6010D	3-26-21	3-26-21	
Lead	**8.8**	7.1	EPA 6010D	3-26-21	3-26-21	
Mercury	**ND**	0.36	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-6-20.0**					
Laboratory ID:	03-237-03					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.61	EPA 6010D	3-23-21	3-23-21	
Chromium	**25**	0.61	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	6.1	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.31	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-6-25.0**					
Laboratory ID:	03-237-04					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.59	EPA 6010D	3-23-21	3-23-21	
Chromium	**21**	0.59	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.9	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.30	EPA 7471B	3-24-21	3-24-21	

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-33.0**					
Laboratory ID:	03-237-05					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.61	EPA 6010D	3-23-21	3-23-21	
Chromium	**26**	0.61	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	6.1	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.30	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-5-5.0**					
Laboratory ID:	03-237-06					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.57	EPA 6010D	3-23-21	3-23-21	
Chromium	**24**	0.57	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.7	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.28	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-5-13.0**					
Laboratory ID:	03-237-07					
Arsenic	**ND**	11	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.57	EPA 6010D	3-23-21	3-23-21	
Chromium	**23**	0.57	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.7	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.28	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-5-20.0**					
Laboratory ID:	03-237-08					
Arsenic	**ND**	13	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.66	EPA 6010D	3-23-21	3-23-21	
Chromium	**26**	0.66	EPA 6010D	3-23-21	3-23-21	
Lead	**74**	6.6	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.33	EPA 7471B	3-24-21	3-24-21	

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-25.0**					
Laboratory ID:	03-237-09					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.59	EPA 6010D	3-23-21	3-23-21	
Chromium	**27**	0.59	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.9	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.30	EPA 7471B	3-24-21	3-24-21	
Client ID:	**B-37-5-33.0**					
Laboratory ID:	03-237-10					
Arsenic	**ND**	12	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.58	EPA 6010D	3-23-21	3-23-21	
Chromium	**18**	0.58	EPA 6010D	3-23-21	3-23-21	
Lead	**25**	5.8	EPA 6010D	3-23-21	3-23-21	
Mercury	**ND**	0.29	EPA 7471B	3-24-21	3-24-21	

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0323SM1					
Arsenic	**ND**	10	EPA 6010D	3-23-21	3-23-21	
Cadmium	**ND**	0.50	EPA 6010D	3-23-21	3-23-21	
Chromium	**ND**	0.50	EPA 6010D	3-23-21	3-23-21	
Lead	**ND**	5.0	EPA 6010D	3-23-21	3-23-21	
Laboratory ID:	MB0324S1					
Mercury	**ND**	0.25	EPA 7471B	3-24-21	3-24-21	
Laboratory ID:	MB0326SM1					
Arsenic	**ND**	10	EPA 6010D	3-26-21	3-26-21	
Cadmium	**ND**	0.50	EPA 6010D	3-26-21	3-26-21	
Chromium	**ND**	0.50	EPA 6010D	3-26-21	3-26-21	
Lead	**ND**	5.0	EPA 6010D	3-26-21	3-26-21	

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-080-20										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**16.6**	**16.9**	NA	NA		NA		NA	1	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	03-080-20										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	03-296-15										
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**15.9**	**16.8**	NA	NA		NA		NA	5	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	03-080-20										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**103**	**100**	100	100	ND	**103**	**100**	75-125	3	20	
Cadmium	**46.5**	**44.6**	50.0	50.0	ND	**93**	**89**	75-125	4	20	
Chromium	**117**	**112**	100	100	16.6	**101**	**96**	75-125	4	20	
Lead	**259**	**249**	250	250	ND	**104**	**100**	75-125	4	20	
Laboratory ID:	03-080-20										
Mercury	**0.497**	**0.496**	0.500	0.500	0.0118	**97**	**97**	80-120	0	20	
Laboratory ID:	03-296-15										
Arsenic	**87.8**	**89.0**	100	100	ND	**88**	**89**	75-125	1	20	
Cadmium	**45.6**	**46.0**	50.0	50.0	ND	**91**	**92**	75-125	1	20	
Chromium	**110**	**110**	100	100	15.9	**94**	**94**	75-125	0	20	
Lead	**234**	**236**	250	250	ND	**93**	**95**	75-125	1	20	

Date of Report: March 31, 2021
Samples Submitted: March 19, 2021
Laboratory Reference: 2103-237
Project: 397-066

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
B-37-6-5.0	03-237-01	**8**	3-24-21
B-37-6-17.0	03-237-02	**30**	3-24-21
B-37-6-20.0	03-237-03	**18**	3-24-21
B-37-6-25.0	03-237-04	**16**	3-24-21
B-37-6-33.0	03-237-05	**18**	3-24-21
B-37-5-5.0	03-237-06	**12**	3-24-21
B-37-5-13.0	03-237-07	**12**	3-24-21
B-37-5-20.0	03-237-08	**24**	3-24-21
B-37-5-25.0	03-237-09	**16**	3-24-21
B-37-5-33.0	03-237-10	**14**	3-24-21

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon
Project Number: 397-066
Project Name: Block 37
Project Manager: Brani Jurista
Sampled by: Braeden Lukkari

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

Laboratory Number: 03-237

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 (BTEX + MTBE only)	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level) (cPAHs + Naphthalene)	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	B-37-6-5.0	3/18/21	0736	soil	5			X	X	X				X						X							X
2	B-37-6-17.0		0802		5			X	X	X				X						X							X
3	B-37-6-20.0		0809		5			X	X	X				X						X							X
4	B-37-6-25.0		0815		5			X	X	X				X						X							X
5	B-37-6-33.0		0828		5			X	X	X				X						X							X
6	B-37-5-5.0		1215		5			X	X	X				X						X							X
7	B-37-5-13.0		1237		5			X	X	X				X						X							X
8	B-37-5-20.0	3/19/21	0712		5			X	X	X				X						X							X
9	B-37-5-25.0		0720		5			X	X	X				X						X							X
10	B-37-5-33.0		0735		5			X	X	X				X						X							X

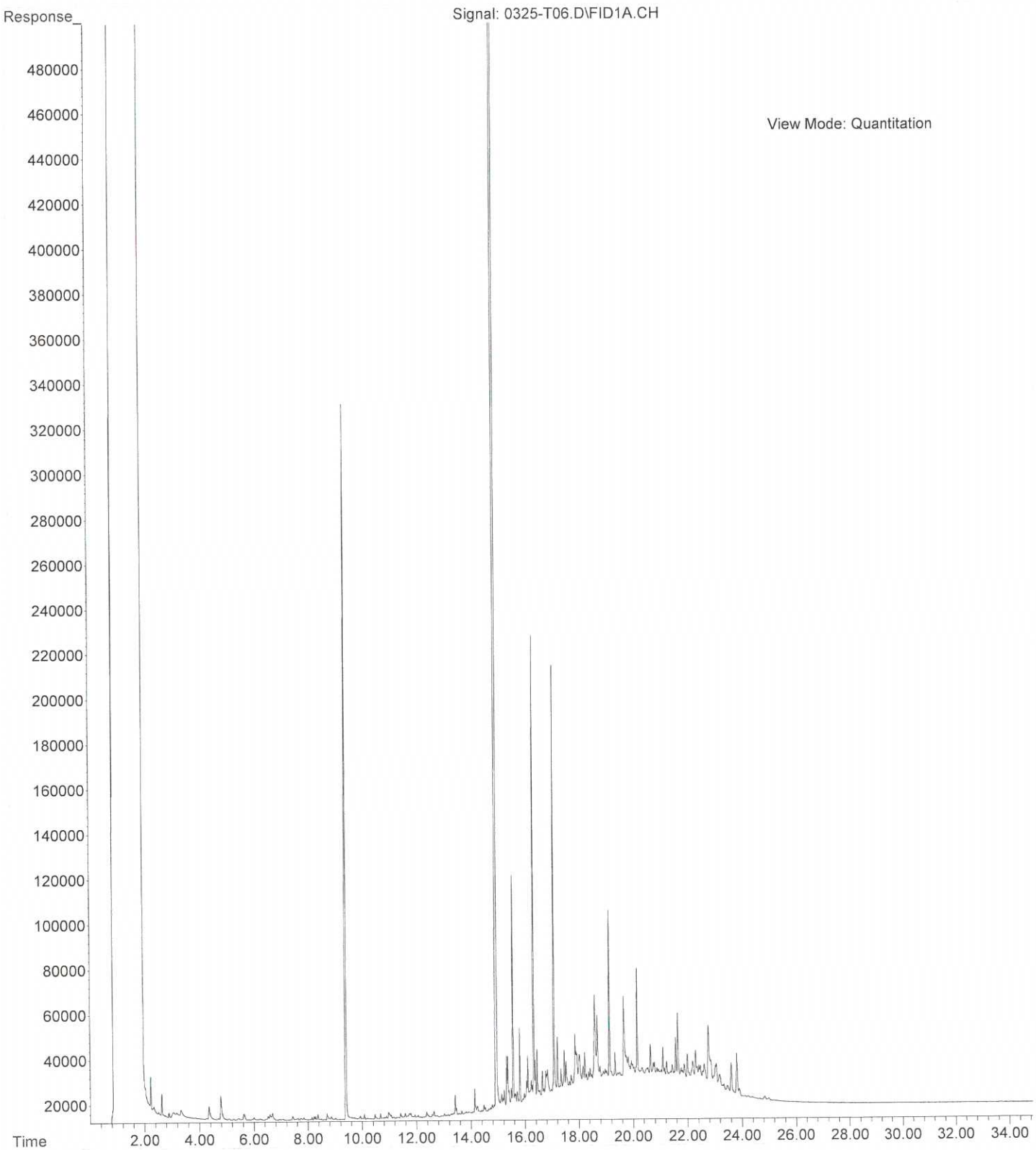
	Signature	Company	Date	Time
Relinquished	[signature]	Farallon	3/19/21	1507
Received	[signature]	OSE	3/19/21	1507
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
~~Hold for PM instructions~~
X. Added 3/23/2021. DB (STA)

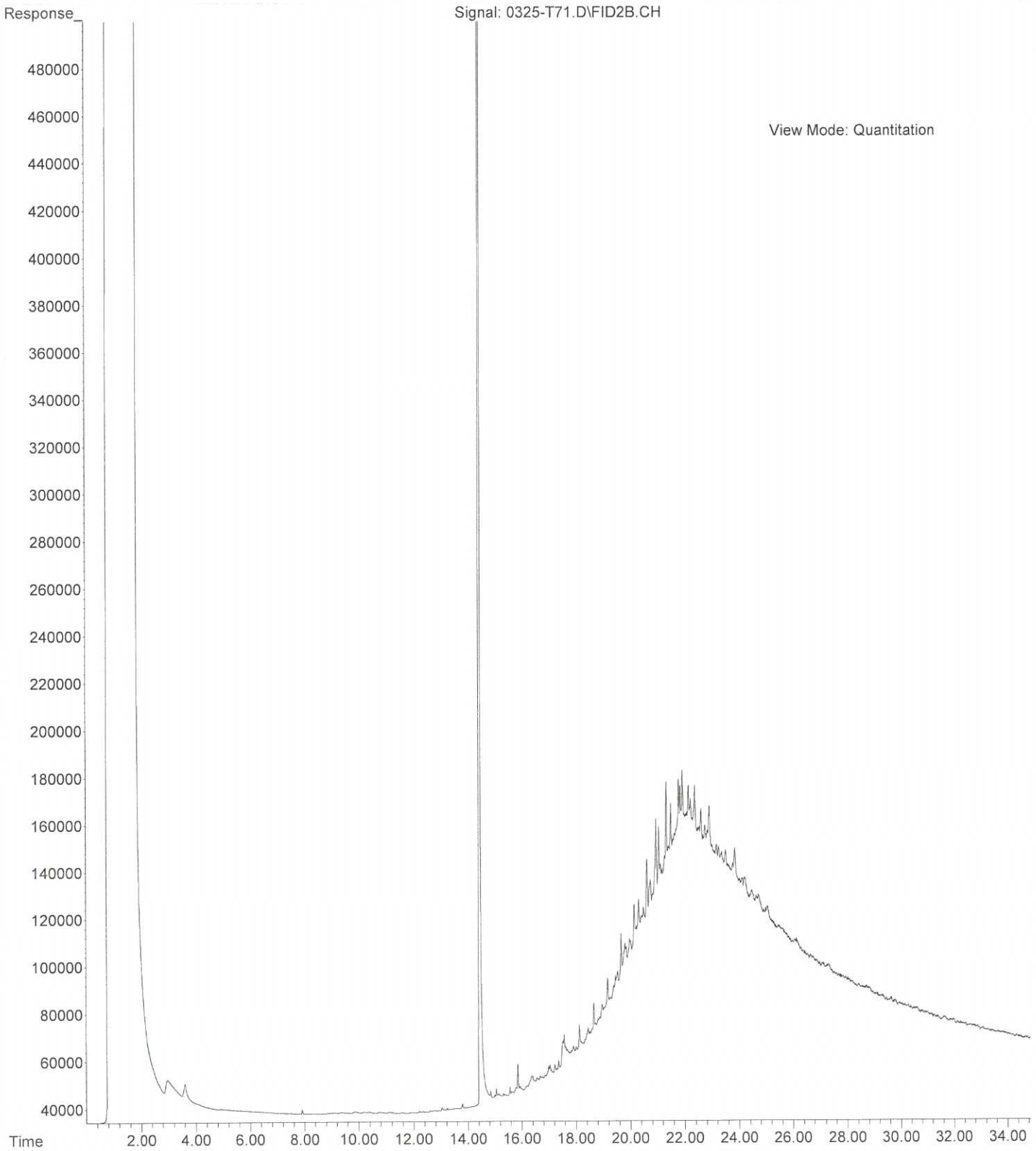
Data Package: Standard ☐ Level III ☐ Level IV ☐

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

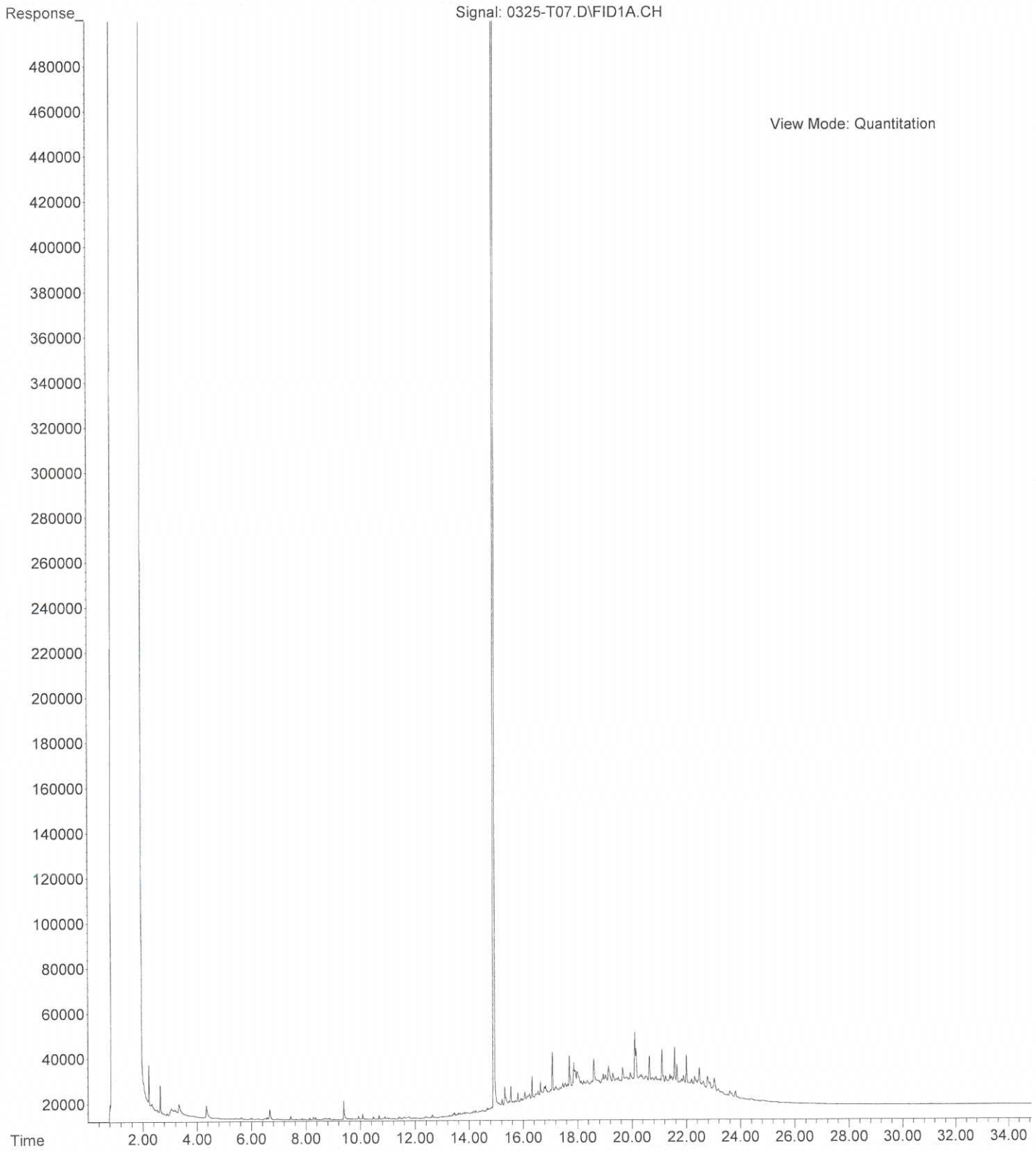
File :C:\msdchem\1\data\T210325\0325-T06.D
Operator : JT
Acquired : 25 Mar 2021 10:51 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-237-02
Misc Info :
Vial Number: 6



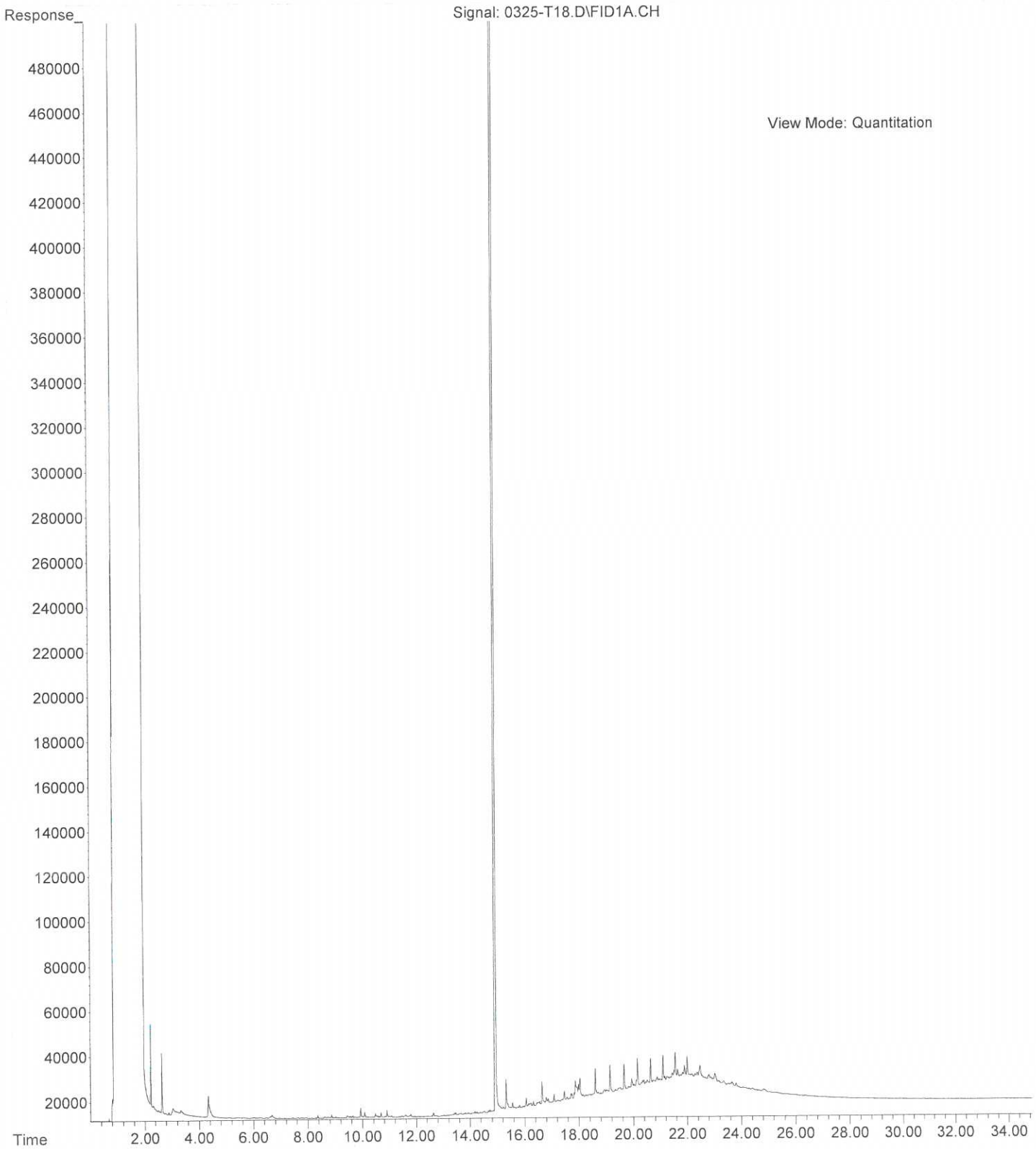
File :C:\msdchem\1\data\T210325.SEC\0325-T71.D
Operator : JT
Acquired : 25 Mar 2021 21:27 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-237-06
Misc Info :
Vial Number: 71



File :C:\msdchem\1\data\T210325\0325-T07.D
Operator : JT
Acquired : 25 Mar 2021 11:33 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-237-08
Misc Info :
Vial Number: 7



File :C:\msdchem\1\data\T210325\0325-T18.D
Operator : JT
Acquired : 25 Mar 2021 19:20 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 03-237-09
Misc Info :
Vial Number: 18



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

April 13, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2104-015

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on April 2, 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: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

Case Narrative

Samples were collected on April 1, 2021 and received by the laboratory on April 2, 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.

NWTPH-Dx Analysis

There is no indication of the presence of Kerosene in the samples.

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

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
Gasoline	**ND**	100	NWTPH-Gx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-120*				
Client ID:	**B-37-4-040121**					
Laboratory ID:	04-015-02					
Gasoline	**ND**	100	NWTPH-Gx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*65-120*				
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
Gasoline	**ND**	100	NWTPH-Gx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-120*				
Client ID:	**B-37-6-040121**					
Laboratory ID:	04-015-04					
Gasoline	**ND**	100	NWTPH-Gx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-120*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0405W1					
Gasoline	**ND**	100	NWTPH-Gx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*65-120*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	04-029-01									
	ORIG	DUP								
Gasoline	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						*104* *87*	*65-120*			

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
Diesel Range Organics	**0.33**	0.20	NWTPH-Dx	4-5-21	4-5-21	
Lube Oil Range Organics	**0.38**	0.20	NWTPH-Dx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**B-37-4-040121**					
Laboratory ID:	04-015-02					
Diesel Range Organics	**0.56**	0.21	NWTPH-Dx	4-5-21	4-5-21	
Lube Oil Range Organics	**0.40**	0.21	NWTPH-Dx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	4-5-21	4-5-21	
Lube Oil Range Organics	**0.27**	0.21	NWTPH-Dx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**B-37-6-040121**					
Laboratory ID:	04-015-04					
Diesel Range Organics	**0.26**	0.20	NWTPH-Dx	4-5-21	4-5-21	
Lube Oil Range Organics	**0.45**	0.20	NWTPH-Dx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0405W1					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	4-5-21	4-5-21	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0405W1										
	ORIG	DUP									
Diesel Fuel #2	**0.454**	**0.445**	NA	NA		NA		NA	2	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*109*	*98*	*50-150*			

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Benzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Toluene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Ethylbenzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
m,p-Xylene	ND	0.40	EPA 8260D	4-5-21	4-5-21	
o-Xylene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Naphthalene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-040121**					
Laboratory ID:	04-015-02					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Benzene	0.21	0.20	EPA 8260D	4-5-21	4-5-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Toluene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Ethylbenzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
m,p-Xylene	ND	0.40	EPA 8260D	4-5-21	4-5-21	
o-Xylene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Naphthalene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*105*	*78-125*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Benzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Toluene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Ethylbenzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
m,p-Xylene	ND	0.40	EPA 8260D	4-5-21	4-5-21	
o-Xylene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Naphthalene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-040121**					
Laboratory ID:	04-015-04					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Benzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Toluene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Ethylbenzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
m,p-Xylene	ND	0.40	EPA 8260D	4-5-21	4-5-21	
o-Xylene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Naphthalene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0405W1					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Benzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Toluene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Ethylbenzene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
m,p-Xylene	ND	0.40	EPA 8260D	4-5-21	4-5-21	
o-Xylene	ND	0.20	EPA 8260D	4-5-21	4-5-21	
Naphthalene	ND	1.0	EPA 8260D	4-5-21	4-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0405W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**9.95**	**10.3**	10.0	10.0	100	103	65-126	3	19	
Benzene	**10.4**	**10.3**	10.0	10.0	104	103	71-119	1	16	
Trichloroethene	**10.2**	**9.93**	10.0	10.0	102	99	82-123	3	18	
Toluene	**9.79**	**9.77**	10.0	10.0	98	98	77-119	0	18	
Chlorobenzene	**9.77**	**9.90**	10.0	10.0	98	99	80-120	1	17	
Surrogate:										
Dibromofluoromethane					*100*	*100*	*75-127*			
Toluene-d8					*100*	*99*	*80-127*			
4-Bromofluorobenzene					*105*	*104*	*78-125*			

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

1,2-DIBROMOETHANE (EDB)
EPA 8011

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
EDB	**ND**	0.0097	EPA 8011	4-9-21	4-9-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*134*	*25-142*				
Client ID:	**B-37-4-040121**					
Laboratory ID:	04-015-02					
EDB	**ND**	0.0095	EPA 8011	4-9-21	4-9-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*80*	*25-142*				
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
EDB	**ND**	0.0096	EPA 8011	4-9-21	4-9-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*101*	*25-142*				
Client ID:	**B-37-6-040121**					
Laboratory ID:	04-015-04					
EDB	**ND**	0.0097	EPA 8011	4-9-21	4-9-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*119*	*25-142*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

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

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0409W1					
EDB	**ND**	0.010	EPA 8011	4-9-21	4-9-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*110*	*25-142*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0409W1										
	SB	SBD	SB	SBD		SB	SBD				
EDB	**0.0977**	**0.0994**	0.100	0.100	N/A	**98**	**99**	53-118	2	15	
Surrogate:											
TCMX						*113*	*116*	*25-142*			

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*39*	*20 - 106*				
Pyrene-d10	*51*	*26 - 104*				
Terphenyl-d14	*49*	*44 - 127*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-4-040121**					
Laboratory ID:	04-015-02					
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*35*	*20 - 106*				
Pyrene-d10	*56*	*26 - 104*				
Terphenyl-d14	*53*	*44 - 127*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*47*	*20 - 106*				
Pyrene-d10	*62*	*26 - 104*				
Terphenyl-d14	*60*	*44 - 127*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-6-040121**					
Laboratory ID:	04-015-04					
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*45*	*20 - 106*				
Pyrene-d10	*66*	*26 - 104*				
Terphenyl-d14	*64*	*44 - 127*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0406W1					
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-6-21	4-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*46*	*20 - 106*				
Pyrene-d10	*70*	*26 - 104*				
Terphenyl-d14	*76*	*44 - 127*				

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0406W1									
	SB	SBD	SB	SBD	SB	SBD				
Benzo[a]anthracene	**0.434**	**0.397**	0.500	0.500	87	79	61 - 123	9	24	
Chrysene	**0.432**	**0.389**	0.500	0.500	86	78	59 - 114	10	24	
Benzo[b]fluoranthene	**0.463**	**0.375**	0.500	0.500	93	75	60 - 125	21	26	
Benzo(j,k)fluoranthene	**0.394**	**0.382**	0.500	0.500	79	76	58 - 121	3	22	
Benzo[a]pyrene	**0.423**	**0.375**	0.500	0.500	85	75	58 - 118	12	24	
Indeno(1,2,3-c,d)pyrene	**0.432**	**0.385**	0.500	0.500	86	77	59 - 124	12	26	
Dibenz[a,h]anthracene	**0.414**	**0.369**	0.500	0.500	83	74	59 - 123	11	25	
Surrogate:										
2-Fluorobiphenyl					*55*	*50*	*20 - 106*			
Pyrene-d10					*89*	*85*	*26 - 104*			
Terphenyl-d14					*88*	*80*	*44 - 127*			

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
Arsenic	**9.6**	3.3	EPA 200.8	4-5-21	4-5-21	
Cadmium	**ND**	4.4	EPA 200.8	4-5-21	4-5-21	
Chromium	**ND**	11	EPA 200.8	4-5-21	4-5-21	
Lead	**1.5**	1.1	EPA 200.8	4-5-21	4-5-21	
Mercury	**ND**	0.50	EPA 7470A	4-7-21	4-7-21	
Client ID:	**B-37-4-040121**					
Laboratory ID:	04-015-02					
Arsenic	**ND**	3.3	EPA 200.8	4-5-21	4-5-21	
Cadmium	**ND**	4.4	EPA 200.8	4-5-21	4-5-21	
Chromium	**ND**	11	EPA 200.8	4-5-21	4-5-21	
Lead	**1.8**	1.1	EPA 200.8	4-5-21	4-5-21	
Mercury	**ND**	0.50	EPA 7470A	4-7-21	4-7-21	
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
Arsenic	**6.0**	3.3	EPA 200.8	4-5-21	4-5-21	
Cadmium	**ND**	4.4	EPA 200.8	4-5-21	4-5-21	
Chromium	**ND**	11	EPA 200.8	4-5-21	4-5-21	
Lead	**1.2**	1.1	EPA 200.8	4-5-21	4-5-21	
Mercury	**ND**	0.50	EPA 7470A	4-7-21	4-7-21	
Client ID:	**B-37-6-040121**					
Laboratory ID:	04-015-04					
Arsenic	**ND**	3.3	EPA 200.8	4-5-21	4-5-21	
Cadmium	**ND**	4.4	EPA 200.8	4-5-21	4-5-21	
Chromium	**ND**	11	EPA 200.8	4-5-21	4-5-21	
Lead	**ND**	1.1	EPA 200.8	4-5-21	4-5-21	
Mercury	**ND**	0.50	EPA 7470A	4-7-21	4-7-21	

Date of Report: April 13, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015
Project: 397-066

TOTAL METALS
EPA 200.8/7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0405WM1					
Arsenic	**ND**	3.3	EPA 200.8	4-5-21	4-5-21	
Cadmium	**ND**	4.4	EPA 200.8	4-5-21	4-5-21	
Chromium	**ND**	11	EPA 200.8	4-5-21	4-5-21	
Lead	**ND**	1.1	EPA 200.8	4-5-21	4-5-21	
Laboratory ID:	MB0407W1					
Mercury	**ND**	0.50	EPA 7470A	4-7-21	4-7-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-015-04										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	04-028-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	04-015-04										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**137**	**130**	111	111	ND	**123**	**118**	75-125	5	20	
Cadmium	**128**	**121**	111	111	ND	**116**	**109**	75-125	6	20	
Chromium	**135**	**127**	111	111	ND	**121**	**115**	75-125	6	20	
Lead	**112**	**106**	111	111	ND	**101**	**96**	75-125	6	20	
Laboratory ID:	04-028-01										
Mercury	**11.2**	**11.3**	12.5	12.5	ND	**89**	**90**	75-125	1	20	

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 397-0606
Project Name: Block 37
Project Manager: Brani Jurista
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: 04-015

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-3-040121	4/1	1408	W	11
2	B-37-4-040121		0932		11
3	B-37-5-040121		1308		11
4	B-37-6-040121		1054		11

emb 4/1/21

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX **	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up) *	Volatiles 8260D ** SEE LIST	~~Halogenated Volatiles 8260D~~ EDB 8011	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level) cPAHs.	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	dissolved MTCA metals (lab filters)			% Moisture
1		X	X	X	X	X			X						X			X			
2		X	X	X	X	X			X						X			X			
3		X	X	X	X	X			X						X			X			
4		X	X	X	X	X			X						X			X			

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	4/1/21	1600
Received	[illegible]	Speedy	4-2-21	0905
Relinquished	[illegible]	Speedy	4-2-21	1056
Received	[illegible]	OSE	4/2/21	1056
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

* Total petroleum hydrocarbons as diesel-, oil-, + kerosene-range organics

** BTEX, ~~EDB~~, EDC, MTBE, + naphthalene by 8260D

*** As, Cr, Hg, Cd, Pb

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

April 14, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2104-015B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on April 2, 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: April 14, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015B
Project: 397-066

Case Narrative

Samples were collected on April 1, 2021 and received by the laboratory on April 2, 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: April 14, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015B
Project: 397-066

DISSOLVED ARSENIC
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-3-040121**					
Laboratory ID:	04-015-01					
Arsenic	**ND**	3.0	EPA 200.8	4-5-21	4-5-21	

Date of Report: April 14, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015B
Project: 397-066

DISSOLVED ARSENIC
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0405F1					
Arsenic	**ND**	3.0	EPA 200.8	4-5-21	4-5-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-014-01										
	ORIG	DUP									
Arsenic	**7.02**	**7.60**	NA	NA		NA		NA	8	20	
MATRIX SPIKES											
Laboratory ID:	04-014-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**97.0**	**94.4**	80.0	80.0	7.02	**112**	**109**	75-125	3	20	

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 397-0066
Project Name: Block 37
Project Manager: Brani Jurista
Sampled by: Elise Bogge

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

Laboratory Number: 04-015

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-3-040121	4/1	1408	W	11
2	B-37-4-040121		0932		11
3	B-37-5-040121		1308		11
4	B-37-6-040121		1054		11

emb 4/1/21

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX **	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up) *	Volatiles 8260D ~~SEE LIST~~	~~Halogenated Volatiles 8260D~~ EDB 8011	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level) cPAHs.	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	dissolved MTCA metals (lab filters)	☒ DISSOLVED ARSENIC		% Moisture
1	X	X	X	X	X	X			X						X			X	☒		
2	X	X	X	X	X	X			X						X			X			
3	X	X	X	X	X	X			X						X			X			
4	X	X	X	X	X	X			X						X			X			

	Signature	Company	Date	Time
Relinquished	Elise Bogge	FCN	4/1/21	1600
Received	BB Bordo	Speedy	4-2-21	0905
Relinquished	BB Bordo	Speedy	4-2-21	1056
Received	Nicole Gulio	OSE	4/2/21	1056
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

* Total petroleum hydrocarbons as diesel-, oil-, + kerosene-range organics
** BTEX, ~~EDB~~, EDC, MTBE, + naphthalene by 8260D
*** As, Cr, Hg, Cd, Pb
☒ Added 4/3/21. DB (STA)

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

April 21, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2104-015C

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on April 2, 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: April 21, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015C
Project: 397-066

Case Narrative

Samples were collected on April 1, 2021 and received by the laboratory on April 2, 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: April 21, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015C
Project: 397-066

DISSOLVED ARSENIC
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-5-040121**					
Laboratory ID:	04-015-03					
Arsenic	**ND**	3.0	EPA 200.8	4-5-21	4-5-21	

Date of Report: April 21, 2021
Samples Submitted: April 2, 2021
Laboratory Reference: 2104-015C
Project: 397-066

DISSOLVED ARSENIC
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0405F1					
Arsenic	**ND**	3.0	EPA 200.8	4-5-21	4-5-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-014-01										
	ORIG	DUP									
Arsenic	**7.02**	**7.60**	NA	NA		NA		NA	8	20	
MATRIX SPIKES											
Laboratory ID:	04-014-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**97.0**	**94.4**	80.0	80.0	7.02	**112**	**109**	75-125	3	20	

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 397-0066
Project Name: Block 37
Project Manager: Brani Jurista
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: 04-015

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-3-040121	4/1	1408	W	11
2	B-37-4-040121		0932		11
3	B-37-5-040121		1308		11
4	B-37-6-040121		1054		11

emb 4/1/21

Lab ID	NWTPH-HCID	~~NWTPH-Gx/BTEX~~ **	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up) *	Volatiles 8260D ** SEE 1ST	~~Halogenated Volatiles 8260D~~ EDB 8011	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level) cPAHs.	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	dissolved MTCA metals (lab filters) (18ea)	DISSOLVED ARSENIC	% Moisture
1	X	X	X	X	X	X			X						X			X	⊗	
2	X	X	X	X	X	X			X						X			X		
3	X	X	X	X	X	X			X						X			X	0	
4	X	X	X	X	X	X			X						X			X		

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	4/1/21	1600
Received	[illegible]	Speedy	4-2-21	0905
Relinquished	[illegible]	Speedy	4-2-21	1056
Received	[illegible]	OSE	4/2/21	1056
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

* Total petroleum hydrocarbons as diesel-, oil-, + kerosene-range organics

** BTEX, ~~EDB~~ DB, EDC, MTBE, + naphthalene by 8260D

*** As, Cr, Hg, Cd, Pb

⊗ Added 4/13/21. DB (STA)

○ Added 4/19/21, DB (STA)

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

May 12, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2105-011

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on May 4, 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: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

Case Narrative

Samples were collected on May 4, 2021 and received by the laboratory on May 4, 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: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-5.0**					
Laboratory ID:	05-011-01					
Gasoline	**ND**	7.4	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*111*	*66-129*				
Client ID:	**B-37-9-22.0**					
Laboratory ID:	05-011-02					
Gasoline	**ND**	6.5	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*66-129*				
Client ID:	**B-37-9-27.0**					
Laboratory ID:	05-011-03					
Gasoline	**ND**	6.3	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*106*	*66-129*				
Client ID:	**B-37-9-33.0**					
Laboratory ID:	05-011-04					
Gasoline	**ND**	6.1	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*66-129*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S2					
Gasoline	**ND**	5.0	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*66-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-034-05										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*98*	*98*	*66-129*			

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-5.0**					
Laboratory ID:	05-011-01					
Diesel Range Organics	**ND**	32	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	63	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*78*	*50-150*				
Client ID:	**B-37-9-22.0**					
Laboratory ID:	05-011-02					
Diesel Range Organics	**ND**	31	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	62	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*73*	*50-150*				
Client ID:	**B-37-9-27.0**					
Laboratory ID:	05-011-03					
Diesel Range Organics	**ND**	32	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	63	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**B-37-9-33.0**					
Laboratory ID:	05-011-04					
Diesel Range Organics	**ND**	29	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	5-6-21	5-6-21	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	05-011-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*78* *89*	*50-150*			

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-5.0**					
Laboratory ID:	05-011-01					
Arsenic	**ND**	13	EPA 6010D	5-6-21	5-6-21	
Cadmium	**ND**	0.63	EPA 6010D	5-6-21	5-6-21	
Chromium	**42**	0.63	EPA 6010D	5-6-21	5-6-21	
Lead	**ND**	6.3	EPA 6010D	5-6-21	5-6-21	
Mercury	**ND**	0.32	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-9-22.0**					
Laboratory ID:	05-011-02					
Arsenic	**ND**	12	EPA 6010D	5-6-21	5-6-21	
Cadmium	**ND**	0.62	EPA 6010D	5-6-21	5-6-21	
Chromium	**21**	0.62	EPA 6010D	5-6-21	5-6-21	
Lead	**ND**	6.2	EPA 6010D	5-6-21	5-6-21	
Mercury	**ND**	0.31	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-9-27.0**					
Laboratory ID:	05-011-03					
Arsenic	**ND**	13	EPA 6010D	5-6-21	5-6-21	
Cadmium	**ND**	0.63	EPA 6010D	5-6-21	5-6-21	
Chromium	**30**	0.63	EPA 6010D	5-6-21	5-6-21	
Lead	**ND**	6.3	EPA 6010D	5-6-21	5-6-21	
Mercury	**ND**	0.32	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-9-33.0**					
Laboratory ID:	05-011-04					
Arsenic	**ND**	11	EPA 6010D	5-6-21	5-6-21	
Cadmium	**ND**	0.57	EPA 6010D	5-6-21	5-6-21	
Chromium	**19**	0.57	EPA 6010D	5-6-21	5-6-21	
Lead	**ND**	5.7	EPA 6010D	5-6-21	5-6-21	
Mercury	**ND**	0.29	EPA 7471B	5-7-21	5-7-21	

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506SM1					
Arsenic	**ND**	10	EPA 6010D	5-6-21	5-6-21	
Cadmium	**ND**	0.50	EPA 6010D	5-6-21	5-6-21	
Chromium	**ND**	0.50	EPA 6010D	5-6-21	5-6-21	
Lead	**ND**	5.0	EPA 6010D	5-6-21	5-6-21	
Laboratory ID:	MB0507S1					
Mercury	**ND**	0.25	EPA 7471B	5-7-21	5-7-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	05-034-01									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**23.5**	**24.6**	NA	NA		NA	NA	4	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	05-023-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	05-034-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**94.7**	**90.4**	100	100	ND	**95**	**90**	75-125	5	20
Cadmium	**46.4**	**44.4**	50.0	50.0	ND	**93**	**89**	75-125	4	20
Chromium	**120**	**115**	100	100	23.5	**96**	**92**	75-125	4	20
Lead	**249**	**239**	250	250	ND	**100**	**96**	75-125	4	20
Laboratory ID:	05-023-01									
Mercury	**0.562**	**0.562**	0.500	0.500	0.0136	**110**	**110**	80-120	0	20

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-5.0**					
Laboratory ID:	05-011-01					
Benzene	ND	0.0011	EPA 8260D	5-5-21	5-5-21	
Toluene	ND	0.0054	EPA 8260D	5-5-21	5-5-21	
Ethylbenzene	ND	0.0011	EPA 8260D	5-5-21	5-5-21	
m,p-Xylene	ND	0.0022	EPA 8260D	5-5-21	5-5-21	
o-Xylene	ND	0.0011	EPA 8260D	5-5-21	5-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*112*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-22.0**					
Laboratory ID:	05-011-02					
Benzene	ND	0.0012	EPA 8260D	5-5-21	5-5-21	
Toluene	ND	0.0061	EPA 8260D	5-5-21	5-5-21	
Ethylbenzene	ND	0.0012	EPA 8260D	5-5-21	5-5-21	
m,p-Xylene	ND	0.0024	EPA 8260D	5-5-21	5-5-21	
o-Xylene	ND	0.0012	EPA 8260D	5-5-21	5-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-27.0**					
Laboratory ID:	05-011-03					
Benzene	ND	0.0012	EPA 8260D	5-5-21	5-5-21	
Toluene	ND	0.0059	EPA 8260D	5-5-21	5-5-21	
Ethylbenzene	ND	0.0012	EPA 8260D	5-5-21	5-5-21	
m,p-Xylene	ND	0.0023	EPA 8260D	5-5-21	5-5-21	
o-Xylene	ND	0.0012	EPA 8260D	5-5-21	5-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*111*	*74-131*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-33.0**					
Laboratory ID:	05-011-04					
Benzene	ND	0.0010	EPA 8260D	5-5-21	5-5-21	
Toluene	ND	0.0051	EPA 8260D	5-5-21	5-5-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-5-21	5-5-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-5-21	5-5-21	
o-Xylene	ND	0.0010	EPA 8260D	5-5-21	5-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*115*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0505S1					
Benzene	ND	0.0010	EPA 8260D	5-5-21	5-5-21	
Toluene	ND	0.0050	EPA 8260D	5-5-21	5-5-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-5-21	5-5-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-5-21	5-5-21	
o-Xylene	ND	0.0010	EPA 8260D	5-5-21	5-5-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*112*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0505S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0486**	**0.0485**	0.0500	0.0500	97	97	71-131	0	19	
Benzene	**0.0558**	**0.0556**	0.0500	0.0500	112	111	73-124	0	18	
Trichloroethene	**0.0568**	**0.0582**	0.0500	0.0500	114	116	79-130	2	18	
Toluene	**0.0501**	**0.0511**	0.0500	0.0500	100	102	76-123	2	18	
Chlorobenzene	**0.0501**	**0.0507**	0.0500	0.0500	100	101	78-122	1	18	
Surrogate:										
Dibromofluoromethane					*102*	*102*	*74-131*			
Toluene-d8					*95*	*96*	*78-128*			
4-Bromofluorobenzene					*103*	*105*	*71-130*			

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-5.0**					
Laboratory ID:	05-011-01					
Naphthalene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Chrysene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*41 - 114*				
Pyrene-d10	*75*	*39 - 115*				
Terphenyl-d14	*94*	*44 - 125*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-22.0**					
Laboratory ID:	05-011-02					
Naphthalene	**0.027**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Chrysene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270E/SIM	5-5-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*86*	*41 - 114*				
Pyrene-d10	*87*	*39 - 115*				
Terphenyl-d14	*96*	*44 - 125*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-27.0**					
Laboratory ID:	05-011-03					
Naphthalene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Chrysene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0084	EPA 8270E/SIM	5-5-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*61*	*41 - 114*				
Pyrene-d10	*79*	*39 - 115*				
Terphenyl-d14	*84*	*44 - 125*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-33.0**					
Laboratory ID:	05-011-04					
Naphthalene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Chrysene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270E/SIM	5-5-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*41 - 114*				
Pyrene-d10	*92*	*39 - 115*				
Terphenyl-d14	*111*	*44 - 125*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0505S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	5-5-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*98*	*41 - 114*				
Pyrene-d10	*97*	*39 - 115*				
Terphenyl-d14	*117*	*44 - 125*				

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

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:	05-011-04										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0709**	**0.0673**	0.0833	0.0833	ND	85	81	41 - 123	5	23	
Acenaphthylene	**0.0799**	**0.0781**	0.0833	0.0833	ND	96	94	45 - 124	2	20	
Acenaphthene	**0.0785**	**0.0765**	0.0833	0.0833	ND	94	92	46 - 122	3	23	
Fluorene	**0.0822**	**0.0817**	0.0833	0.0833	ND	99	98	45 - 128	1	27	
Phenanthrene	**0.0905**	**0.0882**	0.0833	0.0833	ND	109	106	38 - 133	3	33	
Anthracene	**0.0869**	**0.0872**	0.0833	0.0833	ND	104	105	49 - 127	0	21	
Fluoranthene	**0.0965**	**0.0929**	0.0833	0.0833	ND	116	112	45 - 130	4	29	
Pyrene	**0.0980**	**0.0947**	0.0833	0.0833	ND	118	114	43 - 132	3	32	
Benzo[a]anthracene	**0.0996**	**0.0948**	0.0833	0.0833	ND	120	114	49 - 139	5	27	
Chrysene	**0.0957**	**0.0909**	0.0833	0.0833	ND	115	109	47 - 127	5	28	
Benzo[b]fluoranthene	**0.0955**	**0.0934**	0.0833	0.0833	ND	115	112	46 - 129	2	31	
Benzo(j,k)fluoranthene	**0.103**	**0.0995**	0.0833	0.0833	ND	124	119	46 - 128	3	25	
Benzo[a]pyrene	**0.103**	**0.0989**	0.0833	0.0833	ND	124	119	47 - 134	4	27	
Indeno(1,2,3-c,d)pyrene	**0.105**	**0.102**	0.0833	0.0833	ND	126	122	42 - 133	3	25	
Dibenz[a,h]anthracene	**0.0994**	**0.0968**	0.0833	0.0833	ND	119	116	46 - 129	3	24	
Benzo[g,h,i]perylene	**0.0978**	**0.0949**	0.0833	0.0833	ND	117	114	44 - 129	3	27	
Surrogate:											
2-Fluorobiphenyl						*79*	*77*	*41 - 114*			
Pyrene-d10						*97*	*94*	*39 - 115*			
Terphenyl-d14						*102*	*98*	*44 - 125*			

Date of Report: May 12, 2021
Samples Submitted: May 4, 2021
Laboratory Reference: 2105-011
Project: 397-066

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
B-37-9-5.0	05-011-01	**21**	5-5-21
B-37-9-22.0	05-011-02	**20**	5-5-21
B-37-9-27.0	05-011-03	**21**	5-5-21
B-37-9-33.0	05-011-04	**12**	5-5-21

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.

Z -

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

Chain of Custody

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

Company: Farallon
Project Number: 397-066
Project Name: Block 37
Project Manager: Brani Jurista
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: 05-011

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 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals As, Cd, Cr, Hg, Pb	TCLP Metals	HEM (oil and grease) 1664A	BTEX 8260D	cPAHs 8270E + Naphthalene D8			% Moisture
1	B-37-9-5.0	5/4/21	0827	S	5			X	X											X			X	X			X
2	B-37-9-22.0		0845	S	5			X	X											X			X	X			X
3	B-37-9-27.0		0855	S	5			X	X											X			X	X			X
4	B-37-9-33.0		0900	S	5			X	X											X			X	X			X

emb 5/4/21

	Signature	Company	Date	Time
Relinquished		FLN	5/4/21	1130
Received		OSE	5/4/21	1130
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) ☐

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

May 13, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2105-028

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on May 5, 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: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

Case Narrative

Samples were collected on May 5, 2021 and received by the laboratory on May 5, 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: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-5.0**					
Laboratory ID:	05-028-01					
Gasoline	**ND**	6.2	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*66-129*				
Client ID:	**B-37-8-13.0**					
Laboratory ID:	05-028-02					
Gasoline	**ND**	5.9	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*66-129*				
Client ID:	**B-37-8-18.0**					
Laboratory ID:	05-028-03					
Gasoline	**ND**	11	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*66-129*				
Client ID:	**B-37-8-22.0**					
Laboratory ID:	05-028-04					
Gasoline	**ND**	6.4	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*66-129*				
Client ID:	**B-37-8-27.0**					
Laboratory ID:	05-028-05					
Gasoline	**ND**	6.3	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*66-129*				
Client ID:	**B-37-8-33.0**					
Laboratory ID:	05-028-06					
Gasoline	**ND**	6.5	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*66-129*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S1					
Gasoline	**ND**	5.0	NWTPH-Gx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*66-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-034-04										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*98*	*101*	*66-129*			

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-5.0**					
Laboratory ID:	05-028-01					
Diesel Range Organics	**ND**	27	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**B-37-8-13.0**					
Laboratory ID:	05-028-02					
Diesel Range Organics	**ND**	28	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**B-37-8-18.0**					
Laboratory ID:	05-028-03					
Diesel Range Organics	**ND**	41	NWTPH-Dx	5-6-21	5-13-21	
Lube Oil Range Organics	**250**	81	NWTPH-Dx	5-6-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**B-37-8-22.0**					
Laboratory ID:	05-028-04					
Diesel Range Organics	**ND**	30	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*78*	*50-150*				
Client ID:	**B-37-8-27.0**					
Laboratory ID:	05-028-05					
Diesel Range Organics	**ND**	31	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	62	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**B-37-8-33.0**					
Laboratory ID:	05-028-06					
Diesel Range Organics	**ND**	31	NWTPH-Dx	5-6-21	5-7-21	
Lube Oil Range Organics	**ND**	62	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	5-6-21	5-6-21	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	05-011-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*78* *89*	*50-150*			

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-5.0**					
Laboratory ID:	05-028-01					
Arsenic	**ND**	11	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.54	EPA 6010D	5-10-21	5-10-21	
Chromium	**24**	0.54	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	5.4	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.27	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-8-13.0**					
Laboratory ID:	05-028-02					
Arsenic	**ND**	11	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.55	EPA 6010D	5-10-21	5-10-21	
Chromium	**22**	0.55	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	5.5	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.28	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-8-18.0**					
Laboratory ID:	05-028-03					
Arsenic	**ND**	16	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.81	EPA 6010D	5-10-21	5-10-21	
Chromium	**20**	0.81	EPA 6010D	5-10-21	5-10-21	
Lead	**11**	8.1	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.40	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-8-22.0**					
Laboratory ID:	05-028-04					
Arsenic	**ND**	12	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.60	EPA 6010D	5-10-21	5-10-21	
Chromium	**24**	0.60	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.0	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.30	EPA 7471B	5-7-21	5-7-21	

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-27.0**					
Laboratory ID:	05-028-05					
Arsenic	**ND**	12	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.62	EPA 6010D	5-10-21	5-10-21	
Chromium	**23**	0.62	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.2	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.31	EPA 7471B	5-7-21	5-7-21	
Client ID:	**B-37-8-33.0**					
Laboratory ID:	05-028-06					
Arsenic	**ND**	12	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.62	EPA 6010D	5-10-21	5-10-21	
Chromium	**23**	0.62	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.2	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.31	EPA 7471B	5-7-21	5-7-21	

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0510SM3					
Arsenic	**ND**	10	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.50	EPA 6010D	5-10-21	5-10-21	
Chromium	**ND**	0.50	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	5.0	EPA 6010D	5-10-21	5-10-21	
Laboratory ID:	MB0507S2					
Mercury	**ND**	0.25	EPA 7471B	5-7-21	5-7-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	05-069-01									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**24.0**	**25.2**	NA	NA		NA	NA	5	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	05-028-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	05-069-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**94.3**	**93.4**	100	100	ND	**94**	**93**	75-125	1	20
Cadmium	**43.3**	**43.0**	50.0	50.0	ND	**87**	**86**	75-125	1	20
Chromium	**121**	**120**	100	100	24.0	**97**	**96**	75-125	1	20
Lead	**225**	**223**	250	250	ND	**90**	**89**	75-125	1	20
Laboratory ID:	05-028-01									
Mercury	**0.509**	**0.510**	0.500	0.500	0.0133	**99**	**99**	80-120	0	20

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-5.0**					
Laboratory ID:	05-028-01					
Benzene	ND	0.0013	EPA 8260D	5-6-21	5-6-21	
Toluene	ND	0.0063	EPA 8260D	5-6-21	5-6-21	
Ethylbenzene	ND	0.0013	EPA 8260D	5-6-21	5-6-21	
m,p-Xylene	ND	0.0025	EPA 8260D	5-6-21	5-6-21	
o-Xylene	ND	0.0013	EPA 8260D	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-13.0**					
Laboratory ID:	05-028-02					
Benzene	ND	0.00099	EPA 8260D	5-6-21	5-6-21	
Toluene	ND	0.0050	EPA 8260D	5-6-21	5-6-21	
Ethylbenzene	ND	0.00099	EPA 8260D	5-6-21	5-6-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-6-21	5-6-21	
o-Xylene	ND	0.00099	EPA 8260D	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-18.0**					
Laboratory ID:	05-028-03					
Methyl t-Butyl Ether	ND	0.0023	EPA 8260D	5-6-21	5-6-21	
Benzene	ND	0.0023	EPA 8260D	5-6-21	5-6-21	
1,2-Dichloroethane	ND	0.0023	EPA 8260D	5-6-21	5-6-21	
Toluene	ND	0.011	EPA 8260D	5-6-21	5-6-21	
1,2-Dibromoethane	ND	0.0023	EPA 8260D	5-6-21	5-6-21	
Ethylbenzene	ND	0.0023	EPA 8260D	5-6-21	5-6-21	
m,p-Xylene	ND	0.0045	EPA 8260D	5-6-21	5-6-21	
o-Xylene	ND	0.0023	EPA 8260D	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*74-131*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*91*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-22.0**					
Laboratory ID:	05-028-04					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Benzene	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Toluene	ND	0.0052	EPA 8260D	5-7-21	5-7-21	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
m,p-Xylene	ND	0.0021	EPA 8260D	5-7-21	5-7-21	
o-Xylene	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*116*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-27.0**					
Laboratory ID:	05-028-05					
Benzene	ND	0.0011	EPA 8260D	5-6-21	5-6-21	
Toluene	ND	0.0053	EPA 8260D	5-6-21	5-6-21	
Ethylbenzene	ND	0.0011	EPA 8260D	5-6-21	5-6-21	
m,p-Xylene	ND	0.0021	EPA 8260D	5-6-21	5-6-21	
o-Xylene	ND	0.0011	EPA 8260D	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-33.0**					
Laboratory ID:	05-028-06					
Benzene	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
Toluene	ND	0.0051	EPA 8260D	5-6-21	5-6-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-6-21	5-6-21	
o-Xylene	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*116*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
Benzene	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
Toluene	ND	0.0050	EPA 8260D	5-6-21	5-6-21	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-6-21	5-6-21	
o-Xylene	ND	0.0010	EPA 8260D	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*116*	*74-131*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				
Laboratory ID:	MB0507S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Benzene	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Toluene	ND	0.0050	EPA 8260D	5-7-21	5-7-21	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-7-21	5-7-21	
o-Xylene	ND	0.0010	EPA 8260D	5-7-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*115*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*105*	*71-130*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0506S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0495**	**0.0484**	0.0500	0.0500	99	97	71-131	2	19	
Benzene	**0.0582**	**0.0565**	0.0500	0.0500	116	113	73-124	3	18	
Trichloroethene	**0.0595**	**0.0601**	0.0500	0.0500	119	120	79-130	1	18	
Toluene	**0.0519**	**0.0516**	0.0500	0.0500	104	103	76-123	1	18	
Chlorobenzene	**0.0518**	**0.0510**	0.0500	0.0500	104	102	78-122	2	18	
Surrogate:										
Dibromofluoromethane					*103*	*105*	*74-131*			
Toluene-d8					*95*	*94*	*78-128*			
4-Bromofluorobenzene					*105*	*105*	*71-130*			
Laboratory ID:	SB0507S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0448**	**0.0451**	0.0500	0.0500	90	90	71-131	1	19	
Benzene	**0.0565**	**0.0564**	0.0500	0.0500	113	113	73-124	0	18	
Trichloroethene	**0.0578**	**0.0596**	0.0500	0.0500	116	119	79-130	3	18	
Toluene	**0.0509**	**0.0516**	0.0500	0.0500	102	103	76-123	1	18	
Chlorobenzene	**0.0491**	**0.0515**	0.0500	0.0500	98	103	78-122	5	18	
Surrogate:										
Dibromofluoromethane					*106*	*100*	*74-131*			
Toluene-d8					*96*	*94*	*78-128*			
4-Bromofluorobenzene					*105*	*105*	*71-130*			

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-5.0**					
Laboratory ID:	05-028-01					
Naphthalene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Chrysene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270E/SIM	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*41 - 114*				
Pyrene-d10	*89*	*39 - 115*				
Terphenyl-d14	*95*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-13.0**					
Laboratory ID:	05-028-02					
Naphthalene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Chrysene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270E/SIM	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*41 - 114*				
Pyrene-d10	*79*	*39 - 115*				
Terphenyl-d14	*87*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-18.0**					
Laboratory ID:	05-028-03					
Naphthalene	**0.030**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Chrysene	**ND**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo[b]fluoranthene	**0.011**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	5-6-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*77*	*41 - 114*				
Pyrene-d10	*81*	*39 - 115*				
Terphenyl-d14	*79*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-22.0**					
Laboratory ID:	05-028-04					
Naphthalene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Chrysene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo[b]fluoranthene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270E/SIM	5-6-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*95*	*41 - 114*				
Pyrene-d10	*89*	*39 - 115*				
Terphenyl-d14	*89*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-27.0**					
Laboratory ID:	05-028-05					
Naphthalene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Chrysene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*41 - 114*				
Pyrene-d10	*79*	*39 - 115*				
Terphenyl-d14	*84*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-33.0**					
Laboratory ID:	05-028-06					
Naphthalene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]anthracene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Chrysene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[b]fluoranthene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo(j,k)fluoranthene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Benzo[a]pyrene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270E/SIM	5-6-21	5-7-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*79*	*41 - 114*				
Pyrene-d10	*81*	*39 - 115*				
Terphenyl-d14	*86*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S2					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*110*	*41 - 114*				
Pyrene-d10	*98*	*39 - 115*				
Terphenyl-d14	*118*	*44 - 125*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

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:	05-042-05										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.155**	**0.137**	0.167	0.167	ND	93	82	41 - 123	12	23	
Acenaphthylene	**0.158**	**0.153**	0.167	0.167	ND	95	92	45 - 124	3	20	
Acenaphthene	**0.155**	**0.147**	0.167	0.167	ND	93	88	46 - 122	5	23	
Fluorene	**0.164**	**0.162**	0.167	0.167	ND	98	97	45 - 128	1	27	
Phenanthrene	**0.164**	**0.158**	0.167	0.167	ND	98	95	38 - 133	4	33	
Anthracene	**0.158**	**0.153**	0.167	0.167	ND	95	92	49 - 127	3	21	
Fluoranthene	**0.176**	**0.160**	0.167	0.167	ND	105	96	45 - 130	10	29	
Pyrene	**0.181**	**0.170**	0.167	0.167	ND	108	102	43 - 132	6	32	
Benzo[a]anthracene	**0.166**	**0.160**	0.167	0.167	ND	99	96	49 - 139	4	27	
Chrysene	**0.164**	**0.166**	0.167	0.167	ND	98	99	47 - 127	1	28	
Benzo[b]fluoranthene	**0.182**	**0.169**	0.167	0.167	ND	109	101	46 - 129	7	31	
Benzo(j,k)fluoranthene	**0.159**	**0.167**	0.167	0.167	ND	95	100	46 - 128	5	25	
Benzo[a]pyrene	**0.175**	**0.172**	0.167	0.167	ND	105	103	47 - 134	2	27	
Indeno(1,2,3-c,d)pyrene	**0.178**	**0.172**	0.167	0.167	ND	107	103	42 - 133	3	25	
Dibenz[a,h]anthracene	**0.171**	**0.169**	0.167	0.167	ND	102	101	46 - 129	1	24	
Benzo[g,h,i]perylene	**0.166**	**0.166**	0.167	0.167	ND	99	99	44 - 129	0	27	
Surrogate:											
2-Fluorobiphenyl						*88*	*84*	*41 - 114*			
Pyrene-d10						*93*	*90*	*39 - 115*			
Terphenyl-d14						*105*	*97*	*44 - 125*			

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-18.0**					
Laboratory ID:	05-028-03					
Aroclor 1016	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Aroclor 1221	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Aroclor 1232	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Aroclor 1242	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Aroclor 1248	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Aroclor 1254	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Aroclor 1260	**ND**	0.081	EPA 8082A	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*72*	*54-135*				
Client ID:	**B-37-8-22.0**					
Laboratory ID:	05-028-04					
Aroclor 1016	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Aroclor 1221	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Aroclor 1232	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Aroclor 1242	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Aroclor 1248	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Aroclor 1254	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Aroclor 1260	**ND**	0.060	EPA 8082A	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*54-135*				

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0506S2					
Aroclor 1016	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Aroclor 1221	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Aroclor 1232	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Aroclor 1242	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Aroclor 1248	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Aroclor 1254	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Aroclor 1260	**ND**	0.050	EPA 8082A	5-6-21	5-6-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*54-135*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.472**	**0.484**	0.500	0.500	ND	**94**	**97**	62-129	3	15	
Surrogate:											
DCB						*82*	*87*	*54-135*			

Date of Report: May 13, 2021
Samples Submitted: May 5, 2021
Laboratory Reference: 2105-028
Project: 397-066

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
B-37-8-5.0	05-028-01	**8**	5-6-21
B-37-8-13.0	05-028-02	**9**	5-6-21
B-37-8-18.0	05-028-03	**38**	5-6-21
B-37-8-22.0	05-028-04	**17**	5-6-21
B-37-8-27.0	05-028-05	**20**	5-6-21
B-37-8-33.0	05-028-06	**20**	5-6-21

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon consulting
Project Number: 397-066
Project Name: Block 37
Project Manager: Brani Jurista
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: 05-028

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-8-5.0	5/5	0900	S	5
2	B-37-8-13.0		0920		5
3	B-37-8-18.0		0930		5
4	B-37-8-22.0		0940		5
5	B-37-8-27.0		0950		5
6	B-37-8-33.0		1002		5

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 4S, Cd, Cr, Hg, Pb	TCLP Metals	HEM (oil and grease) 1664A	BTEX 8260D	cPAHs + Naphthalene *	EDB/EDC/MTBE 8260D **	polychlorinated biphenyls **	EDOCs 8270D **	% Moisture
1			X	X											X			X	X	▬	▬	X	X
2			X	X											X			X	X	▬	▬	X	X
3			X	X											X			X	X	X	X	X	X
4			X	X											X			X	X	X	X	X	X
5			X	X											X			X	X	▬	▬	X	X
6			X	X											X			X	X	▬	▬	X	X

	Signature	Company	Date	Time
Relinquished	[signature]	FLN	5/5/21	1230
Received	[signature]	CSE	5/5/21	1235
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* and naphthalene
** 8082A
*** Contact PM about analyses before running

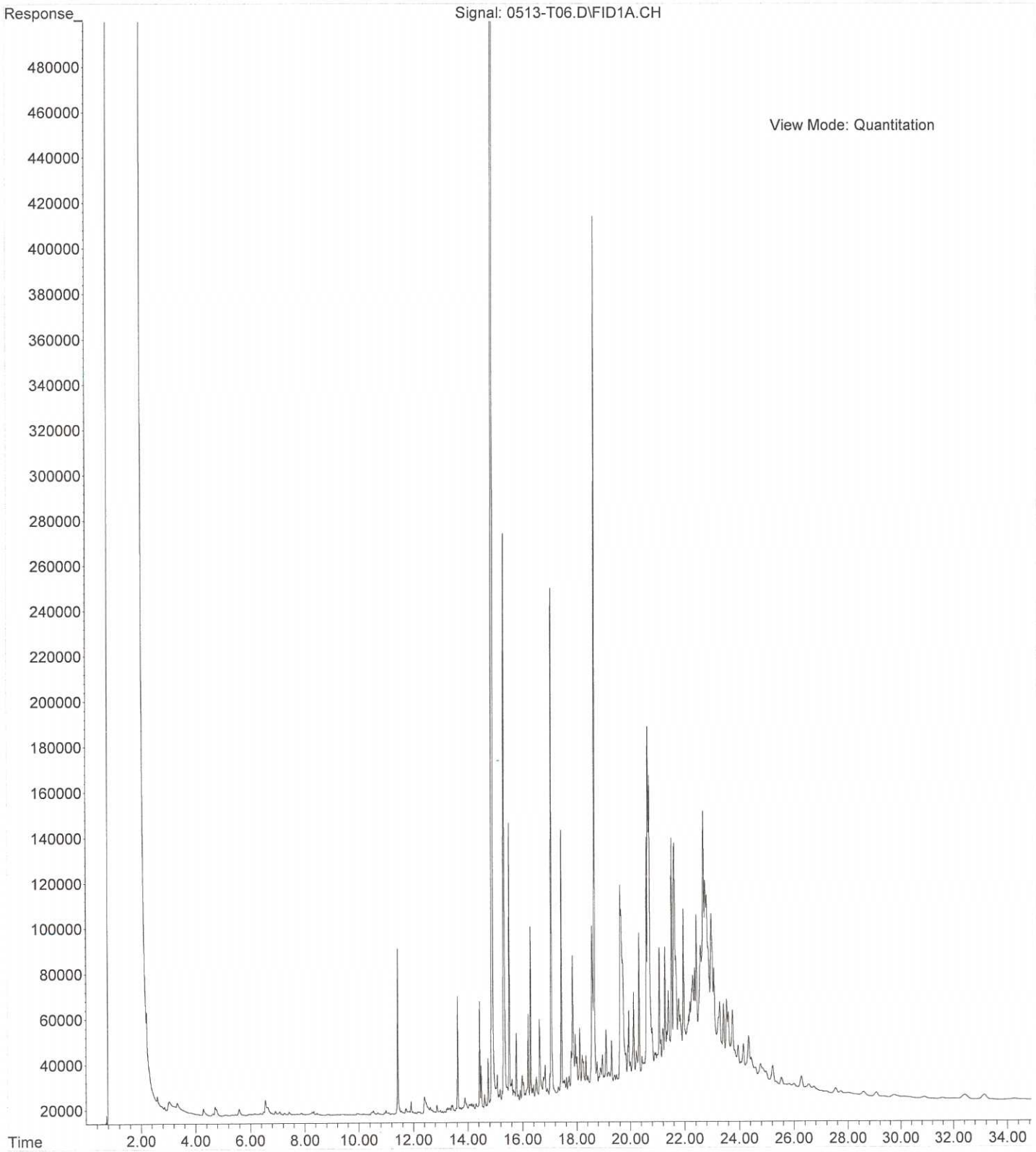
▬ - NOT ANALYZED

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

EMB 5/5/21

File :X:\DIESELS\Teri\Data\T210513\0513-T06.D
Operator : JT
Acquired : 13 May 2021 9:51 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 05-028-03
Misc Info :
Vial Number: 6



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

May 18, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2105-060

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on May 7, 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: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

Case Narrative

Samples were collected on May 6, 2021 and received by the laboratory on May 7, 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: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-5.0**					
Laboratory ID:	05-060-01					
Gasoline	**ND**	5.4	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*66-129*				
Client ID:	**B-37-7-13.0**					
Laboratory ID:	05-060-02					
Gasoline	**ND**	6.2	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*66-129*				
Client ID:	**B-37-7-18.0**					
Laboratory ID:	05-060-03					
Gasoline	**ND**	5.9	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*66-129*				
Client ID:	**B-37-7-22.0**					
Laboratory ID:	05-060-04					
Gasoline	**ND**	8.1	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*109*	*66-129*				
Client ID:	**B-37-7-27.0**					
Laboratory ID:	05-060-05					
Gasoline	**ND**	7.0	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*66-129*				
Client ID:	**B-37-7-33.0**					
Laboratory ID:	05-060-06					
Gasoline	**ND**	6.9	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*111*	*66-129*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0510S2					
Gasoline	**ND**	5.0	NWTPH-Gx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*66-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-069-04										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*102*	*104*	*66-129*			

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-5.0**					
Laboratory ID:	05-060-01					
Diesel Range Organics	**ND**	26	NWTPH-Dx	5-10-21	5-10-21	
Lube Oil Range Organics	**110**	53	NWTPH-Dx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**B-37-7-13.0**					
Laboratory ID:	05-060-02					
Diesel Range Organics	**ND**	28	NWTPH-Dx	5-10-21	5-10-21	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**B-37-7-18.0**					
Laboratory ID:	05-060-03					
Diesel Range Organics	**ND**	30	NWTPH-Dx	5-10-21	5-11-21	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	5-10-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**B-37-7-22.0**					
Laboratory ID:	05-060-04					
Diesel Range Organics	**ND**	32	NWTPH-Dx	5-10-21	5-11-21	
Lube Oil Range Organics	**ND**	65	NWTPH-Dx	5-10-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**B-37-7-27.0**					
Laboratory ID:	05-060-05					
Diesel Range Organics	**ND**	31	NWTPH-Dx	5-10-21	5-11-21	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	5-10-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*76*	*50-150*				
Client ID:	**B-37-7-33.0**					
Laboratory ID:	05-060-06					
Diesel Range Organics	**ND**	32	NWTPH-Dx	5-10-21	5-11-21	
Lube Oil Range Organics	**ND**	64	NWTPH-Dx	5-10-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0510S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	5-10-21	5-10-21	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-060-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*95*	*90*	*50-150*			

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-5.0**					
Laboratory ID:	05-060-01					
Arsenic	**ND**	11	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.53	EPA 6010D	5-10-21	5-10-21	
Chromium	**23**	0.53	EPA 6010D	5-10-21	5-10-21	
Lead	**5.3**	5.3	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.26	EPA 7471B	5-11-21	5-11-21	
Client ID:	**B-37-7-13.0**					
Laboratory ID:	05-060-02					
Arsenic	**ND**	11	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.55	EPA 6010D	5-10-21	5-10-21	
Chromium	**25**	0.55	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	5.5	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.28	EPA 7471B	5-11-21	5-11-21	
Client ID:	**B-37-7-18.0**					
Laboratory ID:	05-060-03					
Arsenic	**ND**	12	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.60	EPA 6010D	5-10-21	5-10-21	
Chromium	**19**	0.60	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.0	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.30	EPA 7471B	5-11-21	5-11-21	
Client ID:	**B-37-7-22.0**					
Laboratory ID:	05-060-04					
Arsenic	**ND**	13	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.65	EPA 6010D	5-10-21	5-10-21	
Chromium	**59**	0.65	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.5	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.32	EPA 7471B	5-11-21	5-11-21	

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-27.0**					
Laboratory ID:	05-060-05					
Arsenic	**ND**	12	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.61	EPA 6010D	5-10-21	5-10-21	
Chromium	**28**	0.61	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.1	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.31	EPA 7471B	5-11-21	5-11-21	
Client ID:	**B-37-7-33.0**					
Laboratory ID:	05-060-06					
Arsenic	**ND**	13	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.64	EPA 6010D	5-10-21	5-10-21	
Chromium	**30**	0.64	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	6.4	EPA 6010D	5-10-21	5-10-21	
Mercury	**ND**	0.32	EPA 7471B	5-11-21	5-11-21	

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0510SM2					
Arsenic	**ND**	10	EPA 6010D	5-10-21	5-10-21	
Cadmium	**ND**	0.50	EPA 6010D	5-10-21	5-10-21	
Chromium	**ND**	0.50	EPA 6010D	5-10-21	5-10-21	
Lead	**ND**	5.0	EPA 6010D	5-10-21	5-10-21	
Laboratory ID:	MB0511S1					
Mercury	**ND**	0.25	EPA 7471B	5-11-21	5-11-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	05-051-01									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**28.4**	**27.2**	NA	NA		NA	NA	4	20	
Lead	**ND**	**5.05**	NA	NA		NA	NA	NA	20	
Laboratory ID:	05-069-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	05-051-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**93.0**	**89.6**	100	100	ND	**93**	**90**	75-125	4	20
Cadmium	**44.0**	**43.1**	50.0	50.0	ND	**88**	**86**	75-125	2	20
Chromium	**120**	**120**	100	100	28.4	**91**	**92**	75-125	0	20
Lead	**234**	**227**	250	250	ND	**94**	**91**	75-125	3	20
Laboratory ID:	05-069-01									
Mercury	**0.499**	**0.525**	0.500	0.500	0.0317	**94**	**99**	80-120	5	20

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-5.0**					
Laboratory ID:	05-060-01					
Benzene	ND	0.0011	EPA 8260D	5-10-21	5-10-21	
Toluene	ND	0.0057	EPA 8260D	5-10-21	5-10-21	
Ethylbenzene	ND	0.0011	EPA 8260D	5-10-21	5-10-21	
m,p-Xylene	ND	0.0023	EPA 8260D	5-10-21	5-10-21	
o-Xylene	ND	0.0011	EPA 8260D	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-13.0**					
Laboratory ID:	05-060-02					
Benzene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Toluene	ND	0.0051	EPA 8260D	5-10-21	5-10-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
m,p-Xylene	ND	0.0021	EPA 8260D	5-10-21	5-10-21	
o-Xylene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-18.0**					
Laboratory ID:	05-060-03					
Benzene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Toluene	ND	0.0051	EPA 8260D	5-10-21	5-10-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-10-21	5-10-21	
o-Xylene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*74-131*				
Toluene-d8	*105*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-22.0**					
Laboratory ID:	05-060-04					
Benzene	ND	0.0014	EPA 8260D	5-10-21	5-10-21	
Toluene	ND	0.0069	EPA 8260D	5-10-21	5-10-21	
Ethylbenzene	ND	0.0014	EPA 8260D	5-10-21	5-10-21	
m,p-Xylene	ND	0.0028	EPA 8260D	5-10-21	5-10-21	
o-Xylene	ND	0.0014	EPA 8260D	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-27.0**					
Laboratory ID:	05-060-05					
Benzene	ND	0.0013	EPA 8260D	5-10-21	5-11-21	
Toluene	ND	0.0063	EPA 8260D	5-10-21	5-11-21	
Ethylbenzene	ND	0.0013	EPA 8260D	5-10-21	5-11-21	
m,p-Xylene	ND	0.0025	EPA 8260D	5-10-21	5-11-21	
o-Xylene	ND	0.0013	EPA 8260D	5-10-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*74-131*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-33.0**					
Laboratory ID:	05-060-06					
Benzene	ND	0.0012	EPA 8260D	5-10-21	5-11-21	
Toluene	ND	0.0058	EPA 8260D	5-10-21	5-11-21	
Ethylbenzene	ND	0.0012	EPA 8260D	5-10-21	5-11-21	
m,p-Xylene	ND	0.0023	EPA 8260D	5-10-21	5-11-21	
o-Xylene	ND	0.0012	EPA 8260D	5-10-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0510S2					
Benzene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Toluene	ND	0.0050	EPA 8260D	5-10-21	5-10-21	
Ethylbenzene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
m,p-Xylene	ND	0.0020	EPA 8260D	5-10-21	5-10-21	
o-Xylene	ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*74-131*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*97*	*71-130*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0510S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0520**	**0.0542**	0.0500	0.0500	104	108	71-131	4	19	
Benzene	**0.0514**	**0.0526**	0.0500	0.0500	103	105	73-124	2	18	
Trichloroethene	**0.0535**	**0.0561**	0.0500	0.0500	107	112	79-130	5	18	
Toluene	**0.0502**	**0.0520**	0.0500	0.0500	100	104	76-123	4	18	
Chlorobenzene	**0.0503**	**0.0518**	0.0500	0.0500	101	104	78-122	3	18	
Surrogate:										
Dibromofluoromethane					*96*	*97*	*74-131*			
Toluene-d8					*101*	*100*	*78-128*			
4-Bromofluorobenzene					*102*	*102*	*71-130*			

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-5.0**					
Laboratory ID:	05-060-01					
Naphthalene	**ND**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**0.0076**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**0.014**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**0.019**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**0.012**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**0.011**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0070	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*41 - 114*				
Pyrene-d10	*100*	*39 - 115*				
Terphenyl-d14	*95*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-13.0**					
Laboratory ID:	05-060-02					
Naphthalene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*89*	*41 - 114*				
Pyrene-d10	*105*	*39 - 115*				
Terphenyl-d14	*100*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-18.0**					
Laboratory ID:	05-060-03					
Naphthalene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*91*	*41 - 114*				
Pyrene-d10	*94*	*39 - 115*				
Terphenyl-d14	*90*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-22.0**					
Laboratory ID:	05-060-04					
Naphthalene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*86*	*41 - 114*				
Pyrene-d10	*88*	*39 - 115*				
Terphenyl-d14	*87*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-27.0**					
Laboratory ID:	05-060-05					
Naphthalene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0082	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*94*	*41 - 114*				
Pyrene-d10	*97*	*39 - 115*				
Terphenyl-d14	*103*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-33.0**					
Laboratory ID:	05-060-06					
Naphthalene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0086	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*87*	*41 - 114*				
Pyrene-d10	*94*	*39 - 115*				
Terphenyl-d14	*94*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	5-13-21	5-13-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*104*	*41 - 114*				
Pyrene-d10	*110*	*39 - 115*				
Terphenyl-d14	*119*	*44 - 125*				

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

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:	05-060-02										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0729**	**0.0759**	0.0833	0.0833	ND	88	91	41 - 123	4	23	
Acenaphthylene	**0.0874**	**0.0864**	0.0833	0.0833	ND	105	104	45 - 124	1	20	
Acenaphthene	**0.0828**	**0.0856**	0.0833	0.0833	ND	99	103	46 - 122	3	23	
Fluorene	**0.0803**	**0.0804**	0.0833	0.0833	ND	96	97	45 - 128	0	27	
Phenanthrene	**0.0868**	**0.0855**	0.0833	0.0833	ND	104	103	38 - 133	2	33	
Anthracene	**0.0834**	**0.0819**	0.0833	0.0833	ND	100	98	49 - 127	2	21	
Fluoranthene	**0.0867**	**0.0868**	0.0833	0.0833	ND	104	104	45 - 130	0	29	
Pyrene	**0.0957**	**0.0927**	0.0833	0.0833	ND	115	111	43 - 132	3	32	
Benzo[a]anthracene	**0.0871**	**0.0849**	0.0833	0.0833	ND	105	102	49 - 139	3	27	
Chrysene	**0.0876**	**0.0876**	0.0833	0.0833	ND	105	105	47 - 127	0	28	
Benzo[b]fluoranthene	**0.0902**	**0.0871**	0.0833	0.0833	ND	108	105	46 - 129	3	31	
Benzo(j,k)fluoranthene	**0.0890**	**0.0887**	0.0833	0.0833	ND	107	106	46 - 128	0	25	
Benzo[a]pyrene	**0.0909**	**0.0883**	0.0833	0.0833	ND	109	106	47 - 134	3	27	
Indeno(1,2,3-c,d)pyrene	**0.0833**	**0.0806**	0.0833	0.0833	ND	100	97	42 - 133	3	25	
Dibenz[a,h]anthracene	**0.0835**	**0.0823**	0.0833	0.0833	ND	100	99	46 - 129	1	24	
Benzo[g,h,i]perylene	**0.0861**	**0.0847**	0.0833	0.0833	ND	103	102	44 - 129	2	27	
Surrogate:											
2-Fluorobiphenyl						*90*	*98*	*41 - 114*			
Pyrene-d10						*104*	*102*	*39 - 115*			
Terphenyl-d14						*98*	*99*	*44 - 125*			

Date of Report: May 18, 2021
Samples Submitted: May 7, 2021
Laboratory Reference: 2105-060
Project: 397-066

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
B-37-7-5.0	05-060-01	**5**	5-10-21
B-37-7-13.0	05-060-02	**9**	5-10-21
B-37-7-18.0	05-060-03	**16**	5-10-21
B-37-7-22.0	05-060-04	**23**	5-10-21
B-37-7-27.0	05-060-05	**18**	5-10-21
B-37-7-33.0	05-060-06	**22**	5-10-21

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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 397-066
Project Name: Block 37
Project Manager: Brani Jurista
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: 05-060

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-7-~~15~~5.0 *	5/6	0920	S	5
2	B-37-7-13.0		0930	S	5
3	B-37-7-18.0		0940	S	5
4	B-37-7-22.0		0950	S	5
5	B-37-7-27.0		1000	S	5
6	B-37-7-33.0		1010	S	5

emb 5/6/21

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 As, Cd, Cr, Hg, Pb	TCLP Metals	HEM (oil and grease) 1664A	BTEX 8260D	cPAHs 8270E + Naphthalene		% Moisture
1			X	X											X			X	X		8
2			X	X											X			X	X		
3			X	X											X			X	X		
4			X	X											X			X	X		
5			X	X											X			X	X		
6			X	X											X			X	X		

	Signature	Company	Date	Time
Relinquished		FLN	5/6/21	1450
Received		CORE	5/7/21	1053
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

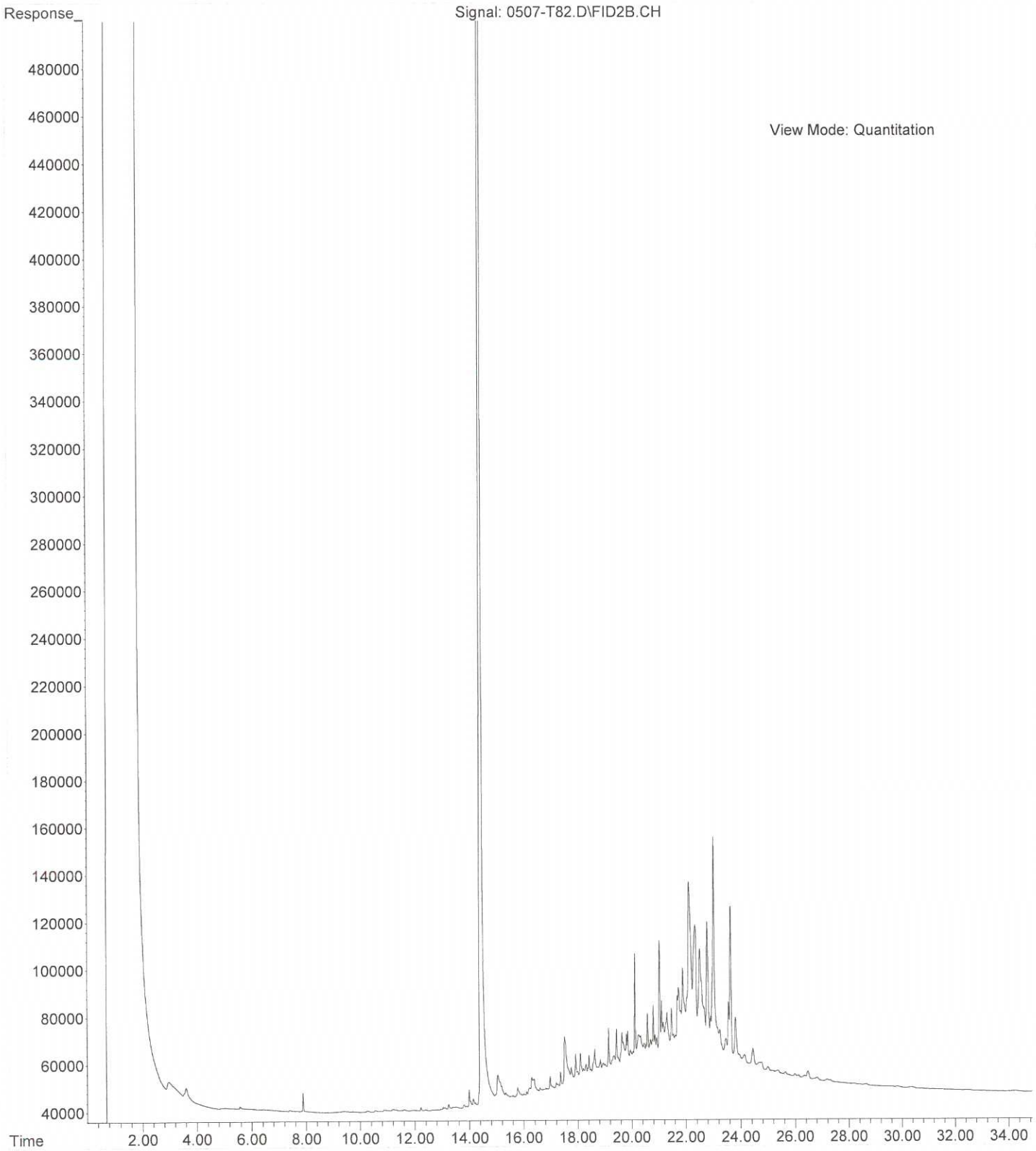
Comments/Special Instructions

* low sample volume, please confirm priority analyses with PM before running

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

File :X:\DIESELS\Teri\Data\T210510.SEC\0507-T82.D
Operator : JT
Acquired : 11 May 2021 5:12 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 05-060-01 10g
Misc Info :
Vial Number: 82



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

May 20, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2105-095

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on May 11, 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: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

Case Narrative

Samples were collected on May 10, 2021 and received by the laboratory on May 11, 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: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-051021**					
Laboratory ID:	05-095-01					
Gasoline	**ND**	100	NWTPH-Gx	5-11-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*66-117*				
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
Gasoline	**ND**	100	NWTPH-Gx	5-11-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*66-117*				
Client ID:	**B-37-9-051021**					
Laboratory ID:	05-095-03					
Gasoline	**ND**	100	NWTPH-Gx	5-11-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*66-117*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0511W1					
Gasoline	**ND**	100	NWTPH-Gx	5-11-21	5-11-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*66-117*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-073-05										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*91*	*81*	*66-117*			

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-051021**					
Laboratory ID:	05-095-01					
Diesel Range Organics	**0.40**	0.21	NWTPH-Dx	5-17-21	5-19-21	
Lube Oil Range Organics	**0.25**	0.21	NWTPH-Dx	5-17-21	5-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*128*	*50-150*				
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	5-17-21	5-19-21	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	5-17-21	5-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				
Client ID:	**B-37-9-051021**					
Laboratory ID:	05-095-03					
Diesel Range Organics	**0.24**	0.21	NWTPH-Dx	5-17-21	5-19-21	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	5-17-21	5-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*118*	*50-150*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0517W1					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	5-17-21	5-17-21	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	5-17-21	5-17-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0517W1										
	ORIG	DUP									
Diesel Fuel #2	**0.543**	**0.495**	NA	NA		NA		NA	9	NA	
Surrogate:											
o-Terphenyl						*114*	*106*	*50-150*			

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PCBs EPA 8082A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
Aroclor 1016	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Aroclor 1221	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Aroclor 1232	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Aroclor 1242	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Aroclor 1248	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Aroclor 1254	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Aroclor 1260	**ND**	0.10	EPA 8082A	5-19-21	5-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*42-140*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0519W1					
Aroclor 1016	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Aroclor 1221	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Aroclor 1232	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Aroclor 1242	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Aroclor 1248	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Aroclor 1254	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Aroclor 1260	**ND**	0.050	EPA 8082A	5-19-21	5-19-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*42-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0519W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.439**	**0.442**	0.500	0.500	N/A	**88**	**88**	73-131	1	12	
Surrogate:											
DCB						*94*	*94*	*42-140*			

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-051021**					
Laboratory ID:	05-095-01					
Arsenic	**ND**	3.3	EPA 200.8	5-18-21	5-18-21	
Cadmium	**ND**	4.4	EPA 200.8	5-18-21	5-18-21	
Chromium	**ND**	11	EPA 200.8	5-18-21	5-18-21	
Lead	**ND**	1.1	EPA 200.8	5-18-21	5-18-21	
Mercury	**ND**	0.50	EPA 7470A	5-18-21	5-18-21	
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
Arsenic	**ND**	3.3	EPA 200.8	5-18-21	5-18-21	
Cadmium	**ND**	4.4	EPA 200.8	5-18-21	5-18-21	
Chromium	**ND**	11	EPA 200.8	5-18-21	5-18-21	
Lead	**ND**	1.1	EPA 200.8	5-18-21	5-18-21	
Mercury	**ND**	0.50	EPA 7470A	5-18-21	5-18-21	
Client ID:	**B-37-9-051021**					
Laboratory ID:	05-095-03					
Arsenic	**21**	3.3	EPA 200.8	5-18-21	5-18-21	
Cadmium	**ND**	4.4	EPA 200.8	5-18-21	5-18-21	
Chromium	**ND**	11	EPA 200.8	5-18-21	5-18-21	
Lead	**ND**	1.1	EPA 200.8	5-18-21	5-18-21	
Mercury	**ND**	0.50	EPA 7470A	5-18-21	5-18-21	

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

TOTAL METALS
EPA 200.8/7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0518WM1					
Arsenic	**ND**	3.3	EPA 200.8	5-18-21	5-18-21	
Cadmium	**ND**	4.4	EPA 200.8	5-18-21	5-18-21	
Chromium	**ND**	11	EPA 200.8	5-18-21	5-18-21	
Lead	**ND**	1.1	EPA 200.8	5-18-21	5-18-21	
Laboratory ID:	MB0518W2					
Mercury	**ND**	0.50	EPA 7470A	5-18-21	5-18-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	05-150-01									
	ORIG	DUP								
Arsenic	**5.29**	**5.31**	NA	NA		NA	NA	0	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	05-095-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	05-150-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**105**	**108**	111	111	5.29	**90**	**93**	75-125	3	20
Cadmium	**96.9**	**100**	111	111	ND	**87**	**90**	75-125	3	20
Chromium	**97.6**	**101**	111	111	ND	**88**	**91**	75-125	4	20
Lead	**96.0**	**99.3**	111	111	ND	**87**	**90**	75-125	3	20
Laboratory ID:	05-095-01									
Mercury	**13.0**	**13.1**	12.5	12.5	ND	**104**	**104**	75-125	1	20

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-051021**					
Laboratory ID:	05-095-01					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Benzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Toluene	ND	1.0	EPA 8260D	5-12-21	5-12-21	
Ethylbenzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
m,p-Xylene	ND	0.40	EPA 8260D	5-12-21	5-12-21	
o-Xylene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Benzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Toluene	ND	1.0	EPA 8260D	5-12-21	5-12-21	
Ethylbenzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
m,p-Xylene	ND	0.40	EPA 8260D	5-12-21	5-12-21	
o-Xylene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-051021**					
Laboratory ID:	05-095-03					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Benzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Toluene	ND	1.0	EPA 8260D	5-12-21	5-12-21	
Ethylbenzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
m,p-Xylene	ND	0.40	EPA 8260D	5-12-21	5-12-21	
o-Xylene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0512W1					
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Benzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Toluene	ND	1.0	EPA 8260D	5-12-21	5-12-21	
Ethylbenzene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
m,p-Xylene	ND	0.40	EPA 8260D	5-12-21	5-12-21	
o-Xylene	ND	0.20	EPA 8260D	5-12-21	5-12-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0512W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**9.69**	**9.93**	10.0	10.0	97	99	78-124	2	19	
Benzene	**9.08**	**9.30**	10.0	10.0	91	93	80-119	2	16	
Trichloroethene	**10.2**	**10.4**	10.0	10.0	102	104	80-121	2	18	
Toluene	**9.73**	**9.87**	10.0	10.0	97	99	80-117	1	18	
Chlorobenzene	**9.47**	**9.77**	10.0	10.0	95	98	80-117	3	17	
Surrogate:										
Dibromofluoromethane					*102*	*103*	*75-127*			
Toluene-d8					*100*	*100*	*80-127*			
4-Bromofluorobenzene					*103*	*102*	*78-125*			

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

1,2-DIBROMOETHANE (EDB)
EPA 8011

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
EDB	**ND**	0.0097	EPA 8011	5-16-21	5-16-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*103*	*25-156*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

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

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0516W1					
EDB	**ND**	0.010	EPA 8011	5-16-21	5-16-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*124*	*25-156*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0516W1										
	SB	SBD	SB	SBD		SB	SBD				
EDB	**0.122**	**0.123**	0.100	0.100	N/A	**122**	**123**	69-131	1	15	
Surrogate:											
TCMX						*117*	*126*	*25-156*			

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-7-051021**					
Laboratory ID:	05-095-01					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*25 - 106*				
Pyrene-d10	*94*	*28 - 104*				
Terphenyl-d14	*99*	*40 - 139*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-8-051021**					
Laboratory ID:	05-095-02					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*62*	*25 - 106*				
Pyrene-d10	*86*	*28 - 104*				
Terphenyl-d14	*87*	*40 - 139*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-051021**					
Laboratory ID:	05-095-03					
Naphthalene	**0.15**	0.099	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	5-17-21	5-17-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*61*	*25 - 106*				
Pyrene-d10	*84*	*28 - 104*				
Terphenyl-d14	*87*	*40 - 139*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0517W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Chrysene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	5-17-21	5-17-21	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*39*	*25 - 106*				
Pyrene-d10	*87*	*28 - 104*				
Terphenyl-d14	*91*	*40 - 139*				

Date of Report: May 20, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095
Project: 397-066

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0517W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.255**	**0.256**	0.500	0.500	51	51	29 - 96	0	38	
Acenaphthylene	**0.300**	**0.332**	0.500	0.500	60	66	42 - 101	10	28	
Acenaphthene	**0.276**	**0.298**	0.500	0.500	55	60	37 - 104	8	31	
Fluorene	**0.339**	**0.359**	0.500	0.500	68	72	48 - 101	6	21	
Phenanthrene	**0.370**	**0.403**	0.500	0.500	74	81	52 - 104	9	20	
Anthracene	**0.339**	**0.376**	0.500	0.500	68	75	50 - 106	10	20	
Fluoranthene	**0.379**	**0.430**	0.500	0.500	76	86	56 - 113	13	20	
Pyrene	**0.440**	**0.457**	0.500	0.500	88	91	55 - 123	4	27	
Benzo[a]anthracene	**0.421**	**0.464**	0.500	0.500	84	93	60 - 131	10	20	
Chrysene	**0.439**	**0.484**	0.500	0.500	88	97	62 - 120	10	20	
Benzo[b]fluoranthene	**0.473**	**0.509**	0.500	0.500	95	102	63 - 123	7	20	
Benzo(j,k)fluoranthene	**0.461**	**0.480**	0.500	0.500	92	96	60 - 127	4	20	
Benzo[a]pyrene	**0.443**	**0.478**	0.500	0.500	89	96	61 - 123	8	20	
Indeno(1,2,3-c,d)pyrene	**0.443**	**0.458**	0.500	0.500	89	92	60 - 125	3	20	
Dibenz[a,h]anthracene	**0.445**	**0.476**	0.500	0.500	89	95	61 - 124	7	20	
Benzo[g,h,i]perylene	**0.439**	**0.480**	0.500	0.500	88	96	59 - 122	9	20	
Surrogate:										
2-Fluorobiphenyl					*56*	*57*	*25 - 106*			
Pyrene-d10					*84*	*88*	*28 - 104*			
Terphenyl-d14					*91*	*95*	*40 - 139*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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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.

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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 _____.

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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.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 397-0606
Project Name: Block 37
Project Manager: Brani Junista
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: 05-095

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 ** As, Cd, Cr, Hg, Pb	TCLP Metals	HEM (oil and grease) 1664A	BTEX 8260D*	EDB	cPAHs 8270E + Naphthalene		% Moisture
1	B-37-7-051021	5/10	1245	W	11			X	X											X			X		X		
2	B-37-8-051021	"	1115	W	11			X	X						X					X			X	X	X		
3	B-37-9-051021	"	0934	W	11			X	X											X			X		X		

emb 5/10/21

	Signature	Company	Date	Time
Relinquished	Elise Bugge	FLN	5/10/21	1500
Received	PB Bordelon	Speedy	5-11-21	1030
Relinquished	PB Bordelon	Speedy	5-11-21	1101
Received		CORE	5/11/21	1101
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

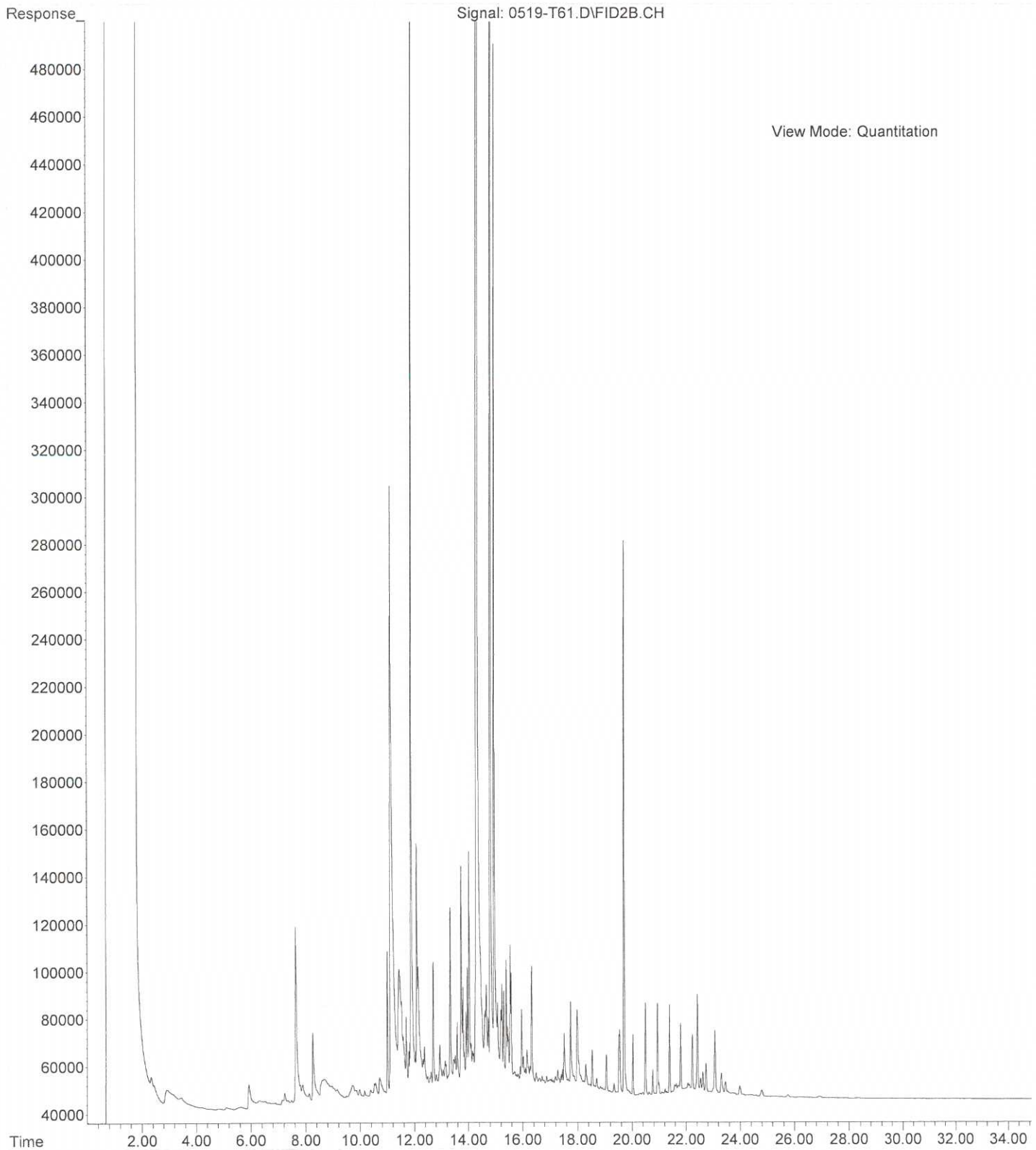
Comments/Special Instructions

* ~~NA~~ EOC, MTBE, ~~naphthalene~~ DB too
** dissolved metals for exceedences
X - Added 5/11/21. DB (STA)

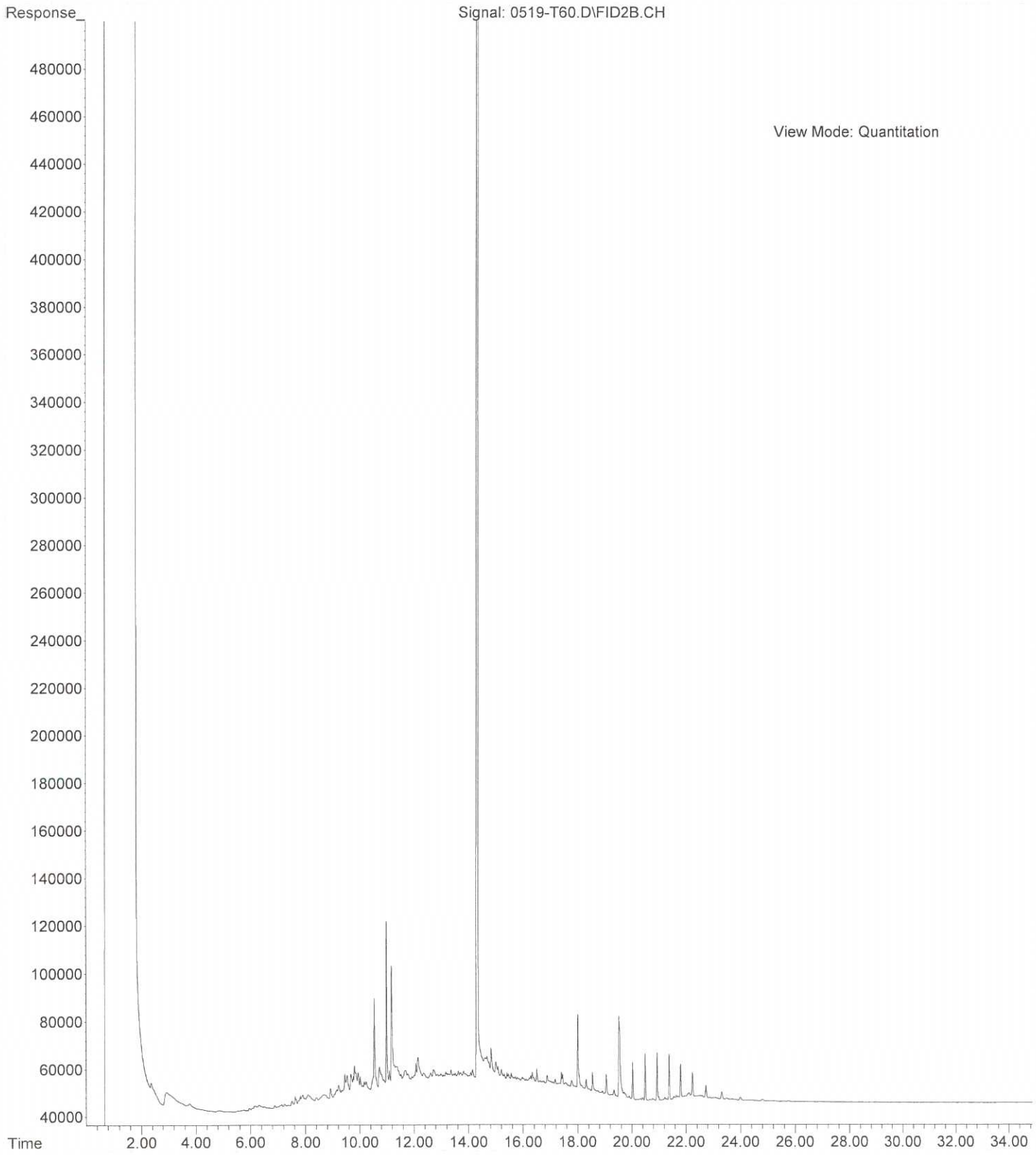
Data Package: Standard ☐ Level III ☐ Level IV ☐

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

File : X:\DIESELS\Teri\Data\T210519.SEC\0519-T61.D
Operator : JT
Acquired : 19 May 2021 17:26 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 05-095-01
Misc Info :
Vial Number: 61



File :X:\DIESELS\Teri\Data\T210519.SEC\0519-T60.D
Operator : JT
Acquired : 19 May 2021 16:44 using AcqMethod T210205F.M
Instrument : Teri
Sample Name: 05-095-03
Misc Info :
Vial Number: 60



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

May 27, 2021

Brani Jurista
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 397-066
Laboratory Reference No. 2105-095B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on May 11, 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: May 27, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095B
Project: 397-066

Case Narrative

Samples were collected on May 10, 2021 and received by the laboratory on May 11, 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: May 27, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095B
Project: 397-066

DISSOLVED ARSENIC
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B-37-9-051021**					
Laboratory ID:	05-095-03					
Arsenic	**18**	3.0	EPA 200.8	5-11-21	5-27-21	

Date of Report: May 27, 2021
Samples Submitted: May 11, 2021
Laboratory Reference: 2105-095B
Project: 397-066

DISSOLVED ARSENIC
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0511F1					
Arsenic	**ND**	3.0	EPA 200.8	5-11-21	5-27-21	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-204-04										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	05-204-04										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**80.6**	**84.4**	80.0	80.0	ND	**101**	**106**	75-125	5	20	

OnSite Environmental Inc.

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Chain of Custody

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

Company: Farallon Consulting
Project Number: 397-0006
Project Name: Block 37
Project Manager: Brani Junista
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: 05-095

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	B-37-7-051021	5/10	1245	W	11
2	B-37-8-051021	"	1115	W	11
3	B-37-9-051021	"	0934	W	11

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 ** As, Cd, Cr, Hg, Pb	TCLP Metals	HEM (oil and grease) 1664A	BTEX 8260D*	EDB	cPAHs 8270E + Naphthalene	DISSOLVED ARSENIC	% Moisture
1			X	X											X			X		X		
2			X	X						X					X			X	X	X		
3			X	X											X			X		X	⊗	

emb 5/10/21

	Signature	Company	Date	Time
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Received	DB Bardi	Speedy	5-11-21	1030
Relinquished	DB Bardi	speedy	5-11-21	1101
Received		CBE	5/11/21	1101
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* ~~NPH~~ EDC, MTBE, ~~naphthalene~~ DB too
** dissolved metals for exceedences
X - Added 5/11/21. DB (STA)
⊗ Added 5/20/21. DB (STA)

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