

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**

Elisabeter Sintwer

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





TABLES 1 THOUGH 10

APRIL AND MAY 2021 GROUNDWATER ELEVATION DATA AND ANALYTICAL RESULTS

Table 1Groundwater ElevationsSouth Lake Union Block 37 PropertySeattle, WashingtonFarallon 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.

¹Depth in feet below ground surface.

²In feet North American Vertical Datum of 1988.

³In feet below top of well casing.

bgs = below ground surface

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

							Analytical Re	esults (milligrams	per kilogram)		
Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Elevation (feet NAVD88) ²	Sample Date	DRO ³	ORO ³	GRO ⁴	Benzene ⁵	Toluene ⁵	Ethylbenzene ⁵	Xylenes ⁵
	B-37-3-5.0	5.0	22.5	3/16/2021	< 28	< 56	< 4.9	< 0.00089	< 0.0044	< 0.00089	< 0.0027
D 07 0	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	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-37-4-5.0	5.0	22.4	3/17/2021	< 26	71	< 4.7	< 0.00083	< 0.0042	< 0.00083	< 0.0025
D 27.4	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	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-37-5-5.0	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	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-37-6-5.0	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	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-37-7-5.0	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
D 27 7	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	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-37-8-5.0	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
D 27 0	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	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-37-9-5.0	5.0	24.5	5/4/2021	< 32	< 63	< 7.4	< 0.0011	< 0.0054	< 0.0011	< 0.0033
D 27.0	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	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 Metho	od 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.

¹Depth in feet below ground surface.

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

³Analyzed by Northwest Method NWTPH-Dx.

⁴Analyzed by Northwest Method NWTPH-Gx.

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

⁶Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section

900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

⁷Cleanup 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

					Analytical	Results (milligrams per	kilogram) ³
Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Elevation (feet NAVD88) ²	Sample Date	1,2-Dibromoethane	1,2-Dichloroethane	Methyl Tertiary Butyl Ether (MTBE)
	B-37-3-5.0	5.0	22.5	3/16/2021			< 0.00089
D 27 2	B-37-3-13.0	13.0	14.5	3/16/2021			< 0.00085
B-37-3	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-37-4-5.0	5.0	22.4	3/17/2021			< 0.00083
B-37-4	B-37-4-13.0	13.0	14.4	3/17/2021			< 0.00070
B-3/-4	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-37-5-5.0	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	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-37-6-5.0	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	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
D-3/-0	B-37-8-22.0	22.0	7.0	5/5/2021	< 0.0010	< 0.0010	< 0.0010
MTCA Metho	d A Cleanup Levels for So	il 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.

¹Depth in feet below ground surface.

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

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

⁴Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of

Chapter 173-340 of the Washington Administrative Code, as revised 2013.

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

						-		Analytical Result	ts (milligrams per ki	logram)°			
			Sample		Non-Carcinogenic PAHs				Carcino	genic PAHs			
Sample Location	Sample Identification	Sample Depth (feet) ¹	Elevation (feet NAVD88) ²	Sample Date	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-37-3-5.0	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	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
D-3/-3	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-37-4-5.0	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	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-3/-4	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-37-5-5.0	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	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-37-6-5.0	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	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-37-7-5.0	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	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-37-8-5.0	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	< 0.0075	< 0.0075	< 0.0074	< 0.0074	< 0.0074	< 0.0056
	B-37-8-18.0	13.0	11.0	5/5/2021	0.030	< 0.0011	< 0.0074	0.011	< 0.0074	< 0.0074	< 0.0074	< 0.011	0.009
B-37-8	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	< 0.0080	< 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-37-9-5.0	5.0	24.5	5/4/2021	< 0.0084	< 0.0085	< 0.0083	< 0.0085	< 0.0085	< 0.0083	< 0.0084	< 0.0085	< 0.0063
	B-37-9-22.0	22.0	7.5	5/4/2021	0.027	< 0.0083	< 0.0084	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0084	< 0.0063
B-37-9	B-37-9-22.0 B-37-9-27.0	22.0	2.5	5/4/2021	< 0.0084	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0083	< 0.0063
	B-37-9-33.0	33.0	-3.5	5/4/2021	< 0.0076	< 0.0076	< 0.0034	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0076	< 0.0057
ITCA Methe	od A Cleanup Level for		-5.5	5/4/2021	5	< 0.0070	0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	< 0.0070	0.1
	od B Levels for Soil Prot		roundwater Va	dose @ 13	4.5								<u></u>
0	od B Levels for Soil Prot	tective of G	roundwater Sat	turated 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.

¹Depth in feet below ground surface.

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

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

⁴Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

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

⁶Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses,

Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

⁷Washington 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

						Analytical Re	esults (milligrams p	er kilogram) ³	
Sample Location	Sample Identification	Sample Depth (feet) ¹	Sample Elevation (feet NAVD88) ²	Sample Date	Arsenic	Cadmium	Chromium	Lead	Mercury
	B-37-3-5.0	5.0	22.5	3/16/2021	<11	< 0.55	20	< 5.5	< 0.28
B-37-3	B-37-3-13.0	13.0	14.5	3/16/2021	< 12	< 0.58	29	6.1	< 0.29
B-37-3	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-37-4-5.0	5.0	22.4	3/17/2021	<11	< 0.53	19	< 5.3	< 0.26
D 27 4	B-37-4-13.0	13.0	14.4	3/17/2021	<11	< 0.53	15	< 5.3	< 0.27
B-37-4	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-37-5-5.0	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	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-37-6-5.0	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	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-37-7-5.0	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	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-37-8-5.0	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	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
F	B-37-8-33.0	33.0	-4.0	5/5/2021	< 12	< 0.62	23	< 6.2	< 0.31
	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	B-37-9-27.0	27.0	2.5	5/4/2021	< 13	< 0.63	30	< 6.3	< 0.32
F	B-37-9-33.0	33.0	-3.5	5/4/2021	<11	< 0.57	19	< 5.7	< 0.29
ITCA Cleanup Le		I	ı – – – – – – – – – – – – – – – – – – –		20	2	2,000	250	2

NOTES:

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

¹Depth in feet below ground surface.

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

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

⁴Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of

Chapter 173-340 of the Washington Administrative Code, as revised 2013.

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

										Analytica	al Results (mic	rograms per lit	er)	
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	DRO ³	ORO ³	GRO ⁴	Benzene ⁵	Toluene ⁵	Ethylbenzene ⁵	Xylenes ⁵
					Monitoring	g Well Ground	water 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	or 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.

¹In feet below ground surface.

²In feet North American Vertical Datum of 1988.

³Analyzed by Northwest Method NWTPH-Dx.

⁴Analyzed by Northwest Method NWTPH-Gx.

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

⁶Washington 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.

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

bgs = below ground surface

Farallon = Farallon Consulting, L.L.C.

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

								Analytic	al Results (micrograms p	er liter) ³
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	1,2-Dibromoethane ⁴	1,2-Dichloroethane	Methyl Tertiary Butyl Ether (MTBE)
				Ν	Ionitoring Well Groundwat	ter 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 G	Groundwater ⁵						0.01	5.0	20

NOTES:

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

— denotes information is unknown.

¹In feet below ground surface.

²In feet North American Vertical Datum of 1988.

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

⁴Analyzed by U.S. Environmental Protection Agency Method 8011.

⁵Washington 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 Farallon = Farallon Consulting,

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

										Analytical Res	ults (micrograms per	liter) ³			
						Sample	Non-Carcinogenic PAHs				Carcino	genic PAHs			
Sample Location	Screened Interval (feet bgs) ¹	Screened Interval (feet NAVD88) ²	Sample Date	Sample Identification	Sample Depth (feet bgs) ¹	Elevation (feet NAVD88) ²	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 Sam	oles						
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.

¹In feet below ground surface.

²In feet North American Vertical Datum of 1988.

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

⁴Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

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

⁶Washington 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

								Analy	tical Results (n	nicrograms pei	r liter) ¹		
	Screened Interval	Screened Interval				Aroclor	Aroclor	Aroclor	Aroclor	Aroclor	Aroclor	Aroclor	
Sample Location	(feet bgs)1	(feet NAVD88)2	Sample Date	Sampled By	Sample Identification	1016	1221	1232	1242	1248	1254	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.

- denotes information is unknown.

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

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

³Washington 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.

PCB = polychlorinated biphenyl

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

							Sec. 1		Analy	ytical Results (n	nicrograms per lit	ter) ³	
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	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	d A Cleanup Levels fo	or 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.

¹In feet below ground surface.

²In feet North American Vertical Datum of 1988.

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

⁶Washington 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

Farallon = Farallon Consulting, L.L.C.



APRIL AND MAY 2021 LABORATORY ANALYTICAL REPORTS



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.



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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

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 3-19-21 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Start Start Start Client ID: B-37-3-13.0 Laboratory ID: 03-201-02 3-19-21 3-19-21 3-19-21 Gasoline ND 4.8 NWTPH-Gx 3-19-21 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Start Start Start Start Surrogate: Percent Recovery Control Limits Start Start <t< th=""><th></th><th></th><th></th><th></th><th>Date</th><th>Date</th><th></th></t<>					Date	Date	
Laboratory ID: 03-201-01 Gasoline ND 4.9 NWTPH-Gx 3-19-21 3-19-21 Gasoline Percent Recovery Control Limits Numpercent Recovery Control Limits Fluorobenzene 87 58-129 Standard Standard Standard Client ID: B-37-3-13.0 Laboratory ID: 03-201-02 Standard Standard Gasoline ND 4.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Standard Standard Standard Fluorobenzene 84 58-129 Standard Standard Standard Client ID: B-37-3-19.0 Laboratory ID: 03-201-03 Standard Standard Gasoline ND 5.5 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Standard Standard Fluorobenzene 84 58-129 Standard Standard Client ID: B-37-4-5.0 Sta	Analyte		PQL	Method	Prepared	Analyzed	Flags
Gasoline ND 4.9 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits 56-129 56-129 56-129 Client ID: B-37-3-13.0 Laboratory ID: 03-201-02 3-19-21 3-19-21 Gasoline ND 4.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits 56-129 56-129 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 3-19-21 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Sa-129 3-19-21	Client ID:						
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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 Surrogate: Percent Recovery Control Limits Fluorobenzene 84 58 - 129 Surrogate: Percent Recovery Control Limits Gasoline ND 5.5 NWTPH-Gx 3 - 19 - 21 3 - 19 - 21 Surrogate: Percent Recovery Control Limits Structure Structure Structure Structure Gasoline ND 5.5 NWTPH-Gx 3 - 19 - 21 3 - 19 - 21 Surrogate: Percent Recovery Control Limits Structure Structure Structure Structure Gasoline ND 5.8 NWTPH-Gx 3 - 19 - 21 3 - 19 - 21 Client ID: B - 37 - 4 - 5.0 Structure Structure 3 - 19 - 21 3 - 19 - 21 Surrogate: Percent Recovery Control Limits Structure 3 - 19 - 21 3 - 19 - 21 Surrogate: <td></td> <td>Percent Recovery</td> <td>Control Limits</td> <td></td> <td></td> <td></td> <td></td>		Percent Recovery	Control Limits				
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Gasoline ND 4.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits 58-129 3-19-21 3-19-21 3-19-21 Client ID: B-37-3-19.0 Laboratory ID: 03-201-03 3-19-21 3-19-21 3-19-21 Gasoline ND 5.5 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits 58-129 3-19-21 3-19-21 Client ID: B-37-3-24.0 Laboratory ID: 03-201-04 3-19-21 3-19-21 Gasoline ND 5.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits 58-129 3-19-21 3-19-21 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 58-129 3-19-21 3-19-21 Client ID: B-37-4-13.0 Laboratory ID: 03-	Client ID:	B-37-3-13.0					
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Client ID:B-37-4-5.0Laboratory ID:03-201-05GasolineND4.7NWTPH-Gx3-19-213-19-21Surrogate:Percent RecoveryControl LimitsFluorobenzene8258-129Client ID:B-37-4-13.0Laboratory ID:03-201-06GasolineND4.2NWTPH-Gx3-19-213-19-21Surrogate:Percent RecoveryControl LimitsFluorobenzene8058-129Client ID:B-37-4-19.0	Surrogate:	Percent Recovery	Control Limits				
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Surrogate: Percent Recovery Control Limits Fluorobenzene 82 58-129 Client ID: B-37-4-13.0	Laboratory ID:	03-201-05					
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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	Client ID:	B-37-4-13.0					
Surrogate: Percent Recovery Control Limits Fluorobenzene 80 58-129 Client ID: B-37-4-19.0	Laboratory ID:	03-201-06					
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	Gasoline	ND	4.2	NWTPH-Gx	3-19-21	3-19-21	
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	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 03-201-07 Gasoline ND 5.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Control Limits Control Limits	Fluorobenzene	-	58-129				
Gasoline ND 5.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Surrogate: Sur	Client ID:	B-37-4-19.0					
Gasoline ND 5.8 NWTPH-Gx 3-19-21 3-19-21 Surrogate: Percent Recovery Control Limits Surrogate: Sur	Laboratory ID:	03-201-07					
Surrogate: Percent Recovery Control Limits	Gasoline		5.8	NWTPH-Gx	3-19-21	3-19-21	
· ·		Percent Recovery	Control Limits				
		-					



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This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

onits. hig/kg (ppin)							Date	Date		
Analyte		Result	PQL	Me	ethod	F	Prepared	Analyz	ed	Flags
METHOD BLANK										
Laboratory ID:		MB0319S2								
Gasoline		ND	5.0	NWT	「PH-Gx		3-19-21	3-19-2	21	
Surrogate:	Pei	rcent Recovery	Control Limi	its						
Fluorobenzene		83	58-129							
				Source	Perce	nt	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recove	ery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	03-20	01-01								
	ORIG	DUP								
Gasoline	ND	ND	NA NA		NA		NA	NA	30	
Surrogate:										
Fluorobenzene					87	86	58-129			



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		0 10 21	0 20 21	
o-Terphenyl	72	50-150				
o-reiphenyr	12	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	Ν
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	NWITTEDX	0-10-21	0-20-21	
o-Terphenyl	76	50-150				
o-reipnenyi	70	50-750				
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				
	10					
	10					
	B-37-4-13.0					
Laboratory ID:	B-37-4-13.0 03-201-06			0.45.21		
Laboratory ID: Diesel Range Organics	B-37-4-13.0 03-201-06 ND	27	NWTPH-Dx	3-19-21	3-23-21	
Laboratory ID: Diesel Range Organics Lube Oil	B-37-4-13.0 03-201-06 ND 230	53	NWTPH-Dx NWTPH-Dx	3-19-21 3-19-21	3-23-21 3-23-21	
Client ID: Laboratory ID: Diesel Range Organics Lube Oil Surrogate: o-Terphenyl	B-37-4-13.0 03-201-06 ND					



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DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

	D	501		Date	Date	-
Analyte	Result	PQL	Method	Prepared	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	Ν
Lube Oil Range Organics	490	67	NWTPH-Dx	3-19-21	3-23-21	
<u> </u>		- · · · ·				

Surrogate:	Percent Recovery	Control Limits
o-Terphenyl	75	50-150



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DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

Result	PQL	Method	Prepared	Analyzed	Flags
MB0319S1					
ND	25	NWTPH-Dx	3-19-21	3-19-21	
ND	50	NWTPH-Dx	3-19-21	3-19-21	
rcent Recovery	Control Limits				
83	50-150				
	ND ND rcent Recovery	ND25ND50rcent RecoveryControl Limits	ND25NWTPH-DxND50NWTPH-Dxrcent RecoveryControl Limits	ND25NWTPH-Dx3-19-21ND50NWTPH-Dx3-19-21rcent RecoveryControl Limits	ND 25 NWTPH-Dx 3-19-21 3-19-21 ND 50 NWTPH-Dx 3-19-21 3-19-21 rcent Recovery Control Limits 3-19-21 3-19-21

					Source	Percent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	03-20	01-08								
	ORIG	DUP								
Diesel Range Organics	53.5	42.2	NA	NA		NA	NA	24	NA	Ν
Lube Oil Range Organics	367	281	NA	NA		NA	NA	27	NA	
Surrogate:										
o-Terphenyl						75 82	50-150			



Matrix: Soil Units: mg/kg

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-3-5.0					
03-201-01					
ND	0.00089	EPA 8260D	3-19-21	3-19-21	
ND	0.00089	EPA 8260D	3-19-21	3-19-21	
ND	0.0044	EPA 8260D	3-19-21	3-19-21	
ND	0.00089	EPA 8260D	3-19-21	3-19-21	
ND	0.0018	EPA 8260D	3-19-21	3-19-21	
ND	0.00089	EPA 8260D	3-19-21	3-19-21	
Percent Recovery	Control Limits				
102	74-131				
100	78-128				
97	71-130				
	B-37-3-5.0 03-201-01 ND ND ND ND ND ND Percent Recovery 102 100	B-37-3-5.0 03-201-01 ND 0.00089 ND 0.0018 ND 0.00089 Percent Recovery Control Limits 102 74-131 100 78-128	B-37-3-5.0 03-201-01 ND 0.00089 EPA 8260D ND 0.00089 EPA 8260D ND 0.00044 EPA 8260D ND 0.00089 EPA 8260D ND 0.00089 EPA 8260D ND 0.00089 EPA 8260D ND 0.0018 EPA 8260D ND 0.00089 EPA 8260D ND 0.00089 EPA 8260D ND 0.00089 EPA 8260D Percent Recovery Control Limits 102 74-131 100 78-128	B-37-3-5.0 0.00089 EPA 8260D 3-19-21 ND 0.00089 EPA 8260D 3-19-21 ND 0.00089 EPA 8260D 3-19-21 ND 0.00044 EPA 8260D 3-19-21 ND 0.00089 EPA 8260D 3-19-21 ND 0.00089 EPA 8260D 3-19-21 ND 0.0018 EPA 8260D 3-19-21 ND 0.00089 EPA 8260D 3-19-21 Percent Recovery Control Limits 102 74-131 100 78-128	B-37-3-5.0 3-19-21 3-19-21 ND 0.00089 EPA 8260D 3-19-21 3-19-21 ND 0.0018 EPA 8260D 3-19-21 3-19-21 ND 0.00089 EPA 8260D 3-19-21 3-19-21 ND 0.00089 EPA 8260D 3-19-21 3-19-21 ND 0.00089 EPA 8260D 3-19-21 3-19-21 Percent Recovery Control Limits 102 74-131 100 78-128 Image: Note Control Limits Image: Note Control Limits



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



0.0				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



0.0				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				

0.0				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date		
Analyte	Result	PQL	Method	Prepared	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					



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB03	19S1								
	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			



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This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

PAHs EPA 8270E/SIM

Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.
				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

0 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

					Source	Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-19	93-01									
	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			



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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	
	D 27 2 42 0					
Client ID:	B-37-3-13.0					
Laboratory ID:	03-201-02	10		2 22 24	2 22 24	
Arsenic	ND	12 0.58	EPA 6010D	3-23-21	3-23-21	
Cadmium Chromium	ND 29	0.58	EPA 6010D EPA 6010D	3-23-21 3-23-21	3-23-21 3-23-21	
-	29 6.1	0.58 5.8		3-23-21 3-23-21	3-23-21	
Lead	ND	5.8 0.29	EPA 6010D EPA 7471B	3-23-21 3-24-21	3-23-21 3-24-21	
Mercury		0.29		5-24-21	5-24-21	
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	



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

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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	

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TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0323SM1					
ND	10	EPA 6010D	3-23-21	3-23-21	
ND	0.50	EPA 6010D	3-23-21	3-23-21	
ND	0.50	EPA 6010D	3-23-21	3-23-21	
ND	5.0	EPA 6010D	3-23-21	3-23-21	
MB0324S1					
ND	0.25	EPA 7471B	3-24-21	3-24-21	
	MB0323SM1 ND ND ND ND MB0324S1	MB0323SM1 ND 10 ND 0.50 ND 0.50 ND 5.0	MB0323SM1 EPA 6010D ND 0.50 EPA 6010D ND 0.50 EPA 6010D ND 5.0 EPA 6010D MB0324S1 MB0324S1 MB0324S1	Result PQL Method Prepared MB0323SM1	Result PQL Method Prepared Analyzed MB0323SM1

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	03-08	30-20									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA			NA	NA	NA	20	
Cadmium	ND	ND	NA	NA		I	NA	NA	NA	20	
Chromium	16.6	16.9	NA	NA		I	NA	NA	1	20	
Lead	ND	ND	NA	NA		I	NA	NA	NA	20	
Laboratory ID:	03-08	30-20									
Mercury	ND	ND	NA	NA			NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	03-08	30-20									
	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:	03-08	30-20									
Mercury	0.497	0.496	0.500	0.500	0.0118	97	97	80-120	0	20	



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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



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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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished Buchs Lilli	Signature		0145-4-28-81	7 B-37-4-19,0	6 37-4-13.0	5 13-37-4-5.0	4 8-37-3-24.0	3 8-37-3-19.0	2 13-37-3-13,0	1 B-37-3-5.0	Lab ID Sample Identification	sampled by: Braeden Wikkari	Brani Jurista	Block 37	Project Number: 397-066	Company: Favallon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.	
Reviewed/Date					3260) . (Farallan	Company		T 823 T 2	0823 5	5 2180	3/17/21 0759 5	+ 0911 5	0905 5	S220	5 1105 LA20 10/91/2	-		ontain	X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)		
					Sling Loob	3/17/21 1606	Date Time		S	× ×	8	8	\bigotimes	\otimes	\bigotimes	8	NWTF NWTF NWTF Volatil	PH-Dx (es 8260 enated	BTEX	/ SG Cle s 8260D	ean-up)		Laboratory Number:	of Custody	
Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard 🛛 Level III 🗍 Level IV 🗌			-	& added 2/18 STA NO	Hald for PM instructions	Comments/Special Instructions		X X	X X		R R	R R		B B A	× ×	(with I PAHs PCBs Organ Organ Chlori Total F Total N TCLP HEM (ow-leve 8270E/ 8082A ochlorir ophosp nated A RCRA M MTCA M Metals oil and	ne Pesti horus F acid Her letals letals grease)) w-level) Laksz icides 80	081B		- 201	Page of	

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



File :C:\msdchem\1\data\T210323\0323-T11.D 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\l\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





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.



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

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

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 58-129 58-129 58-129 Client ID: B-37-6-17.0 Laboratory ID: 03-237-02 3-23-21 3-23-21 Gasoline ND 7.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 58-129 58-129 Client ID: B-37-6-20.0 Laboratory ID: 03-237-03 3-23-21 3-23-21 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 51-129 52-129 52-129 Client ID: B-37-6-25.0 Laboratory ID: 03-237-04 3-23-21 3-23-21 Gasoline ND 5.5 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129					Date	Date	
Laboratory ID: 03-237-01 Gasoline ND 4.8 NWTPH-Gx 3-23-21 3-23-21 Gasoline Percent Recovery Control Limits 58-129 Second Limits Fluorobenzene 92 58-129 Second Limits Second Limits Second Limits Client ID: B-37-6-17.0 Laboratory ID: 03-237-02 Second Limits Second Limits 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 Second Limits Second Limits Second Limits Fluorobenzene 90 58-129 Second Limits Second Limits Second Limits Surrogate: Percent Recovery Control Limits Second Limits Second Limits Second Limits Surrogate: Percent Recovery Control Limits Second Limits Second Limits Second Limit			PQL	Method	Prepared	Analyzed	Flags
Gasoline ND 4.8 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 58-129 Client ID: B-37-6-17.0 Laboratory ID: 03-237-02 3-23-21 3-23-21 Gasoline ND 7.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 3-23-21 3-23-21 3-23-21 Surrogate: Percent Re	Client ID:	B-37-6-5.0					
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 58-129 3-23-21 3-23-21 Client ID: B-37-6-20.0 Laboratory ID: 03-237-03 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Gasoline ND 5.6 NWTPH-Gx 3-23-21 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 S-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 3-23-21	Laboratory ID:	03-237-01					
Fluorobenzene 92 58-129 Client ID: B-37-6-17.0 03-237-02 NUTPH-GX 3-23-21 3-23-21 Gasoline ND 7.6 NWTPH-GX 3-23-21 3-23-21 Surrogate: Percent Recovery Fluorobenzene Onto I Limits NUTPH-GX 3-23-21 3-23-21 Client ID: B-37-6-20.0 Laboratory ID: 03-237-03 Surrogate: Percent Recovery 90 S58-129 Client ID: B-37-6-25.0 Laboratory ID: 03-237-04 Sarrogate: Percent Recovery 90 S58-129 Client ID: B-37-6-30.0 Laboratory ID: 03-237-04 Sarrogate: Percent Recovery 90 S68-129 Client ID: B-37-6-33.0 Laboratory ID: 03-237-05 Sarrogate: Percent Recovery 90 Control Limits 58-129 Client ID: B-37-6-5.0 Gasoline ND 5.9 NWTPH-GX 3-23-21 3-23-21 Surrogate: Percent Recovery 92 Control Limits Sarrogate Sarrogate Sarrogate Fluorobenzene 92 58-129 Sarrogate Sarrogate Sarrogate Sar	Gasoline	ND	4.8	NWTPH-Gx	3-23-21	3-23-21	
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 3-23-21 3-23-21 3-23-21 Client ID: B-37-6-20.0 Laboratory ID: 03-237-03 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 S-23-21	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 03-237-02 Gasoline ND 7.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits Strings Strings Fluorobenzene 94 58-129 Strings Strings Strings Client ID: B-37-6-20.0 Laboratory ID: 03-237-03 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits Stringst Stringst Stringst Surrogate: Percent Recovery Control Limits Stringst Stringst Stringst Surrogate: Percent Recovery Control Limits Stringst Stringst Stringst Gasoline ND 5.9 NWTPH-GX 3-23-21 3-23-21 3-23-21 Client ID: B-37-6-33.0 Stringst Stringst Stringst Stringst Laboratory ID: 03-237-05	Fluorobenzene	92	58-129				
Gasoline ND 7.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 3-23-21 3-23-21 Fluorobenzene 94 58-129 Client ID: B-37-6-20.0 Laboratory ID: 03-237-03 Gasoline ND 5.6 NUTPH-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 NUTPH-Gx 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 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 Surrogate: Percent Recovery Control Limits Fluorobenzene 90 58-129 Client ID: B-37-5-13.0	Client ID:	B-37-6-17.0					
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 Surrogate: Percent Recovery 90 58-129 Client ID: B-37-6-25.0 Laboratory ID: 03-237-04 Gasoline ND Surrogate: Percent Recovery 90 58-129 Client ID: B-37-6-25.0 Laboratory ID: 03-237-04 Gasoline ND Surrogate: Percent Recovery Surrogate: Percent Recovery Surrogate: Percent Recovery Surrogate: Percent Recovery Gasoline ND 5.9 Surrogate: Percent Recovery Surrogate: Percent Recovery Surrogate: Percent Recovery Surrogate: Percent Recovery Control Limits Se-129 Client ID: B-37-5-5.0 Laboratory ID: 03-237-06	Laboratory ID:	03-237-02					
Fluorobenzene 94 58-129 Client ID: Laboratory ID: B-37-6-20.0 (32-237-03) NUTPH-Gx 3-23-21 3-23-21 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery 90 Control Limits 58-129	Gasoline	ND	7.6	NWTPH-Gx	3-23-21	3-23-21	
Client ID: B-37-6-20.0 03-237-03 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 03-237-03 Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits	Fluorobenzene	94	58-129				
Gasoline ND 5.6 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 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 Gasoline ND 5.5 NWTPH-Gx 3-23-21 3-23-21 Gasoline ND 5.5 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 590 58-129 58-129 Client ID: B-37-6-33.0 Laboratory ID: 03-237-05 3-23-21 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 58-129 58-129 Client ID: B-37-5-5.0 103-237-06 3-23-21 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 3-23-21 <t< td=""><td>Client ID:</td><td>B-37-6-20.0</td><td></td><td></td><td></td><td></td><td></td></t<>	Client ID:	B-37-6-20.0					
GasolineND5.6NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-129Fluorobenzene9058-129Client ID:B-37-6-25.0 Laboratory ID:03-237-04GasolineND5.5NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-1293-23-213-23-21Client ID:B-37-6-33.0 90S8-129Surrogate:Percent Recovery 90Control Limits 5.9Client ID:B-37-6-33.0 92S8-1293-23-213-23-21Surrogate:Percent Recovery 92Control Limits 58-1293-23-213-23-21Surrogate:Percent Recovery 92Control Limits 58-1293-23-213-23-21Client ID:B-37-5-5.0 1240S-3237-063-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-1293-23-213-23-21Client ID:B-37-5-13.0 1240S-32-213-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-1293-23-213-23-21Client ID:B-37-5-13.0 1240S-32-37-07S-32-32-13-23-21Client ID:B-37-5-13.0 1240S-32-37-07S-32-32-13-23-21GasolineND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 203-237-07S-32-32-13-23-213-23-21GasolineND4.8NWTPH-Gx3-23-21 <td>Laboratory ID:</td> <td>03-237-03</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Laboratory ID:	03-237-03					
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 58-129 NWTPH-Gx 3-23-21 3-23-21 Client ID: B-37-6-33.0 Laboratory ID: 03-237-05 Surrogate: Percent Recovery Control Limits 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 Surrogate: Percent Recovery Control Limits Fluorobenzene 90 58-129 NWTPH-Gx 3-23-21 3-23-21 Client ID: B-37-5-5.0 Laboratory ID: 03-237-06 Surrogate: Percent Recovery Control Limits Fluorobenzene 90 58-129 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits Surrogate Surogate	Gasoline	ND	5.6	NWTPH-Gx	3-23-21	3-23-21	
Client ID:B-37-6-25.0Laboratory ID:03-237-04GasolineND5.5NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-1295.5Surrogate:Surrogate:Client ID:B-37-6-33.0Laboratory ID:03-237-053-23-213-23-21GasolineND5.9NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl Limits58-1293-23-213-23-21Surrogate:Percent RecoveryControl LimitsSurrogate:Surrogate:Surrogate:20Client ID:B-37-5-5.0Surrogate:Surrogate:Surrogate:3-23-213-23-21Surrogate:Percent RecoveryControl LimitsSurrogate: </td <td>Surrogate:</td> <td>Percent Recovery</td> <td>Control Limits</td> <td></td> <td></td> <td></td> <td>-</td>	Surrogate:	Percent Recovery	Control Limits				-
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-37-5-6.0 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				
GasolineND5.5NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-129Fluorobenzene9058-129Client ID:B-37-6-33.0 03-237-05GasolineND5.9GasolineND5.9Surrogate:Percent Recovery 92Control Limits 58-129Fluorobenzene9258-129Client ID:B-37-5-5.0 03-237-06Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent Recovery 03-237-06Client ID:B-37-5-5.0 04-237-06Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent Recovery 058-129Client ID:B-37-5-13.0 04-237-07Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-213-23-213-23-21	Client ID:	B-37-6-25.0					
Surrogate: Percent Recovery Control Limits Fluorobenzene 90 58-129 Client ID: B-37-6-33.0 Second State Laboratory ID: 03-237-05 Gasoline ND 5.9 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 58-129 58-129 Client ID: B-37-5-5.0 Laboratory ID: 03-237-06 Surrogate: Percent Recovery Control Limits Fluorobenzene 90 58-129 3-23-21 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 58-129 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 3-23-21 3-23-21 3-23-21	Laboratory ID:	03-237-04					
Fluorobenzene9058-129Client ID:B-37-6-33.0Laboratory ID:03-237-05GasolineND5.9Surrogate:Percent RecoveryFluorobenzene929258-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent Recovery9058-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-129Surrogate:ND4.8NWTPH-Gx3-23-213-23-21	Gasoline	ND	5.5	NWTPH-Gx	3-23-21	3-23-21	
Client ID:B-37-6-33.0Laboratory ID:03-237-05GasolineND5.9NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9258-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-1293-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-1293-23-213-23-21Surrogate:ND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl Limits3-23-213-23-21	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID:03-237-05GasolineND5.9NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 92Control Limits 58-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-1293-23-213-23-21Client ID:B-37-5-13.03-237-073-23-213-23-21GasolineND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery Percent Recovery Control Limits3-23-213-23-21	Fluorobenzene	90	58-129				
GasolineND5.9NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9258-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-213-23-213-23-21	Client ID:	B-37-6-33.0					
Surrogate:Percent RecoveryControl LimitsFluorobenzene9258-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent RecoveryFluorobenzene9058-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-213-23-21Surrogate:Percent RecoveryControl LimitsFluorobenzene9058-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-GxSurrogate:Percent RecoveryControl LimitsSurrogate:Percent RecoveryControl Limits	Laboratory ID:	03-237-05					
Fluorobenzene9258-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent Recovery 90Control Limits 58-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-21Surrogate:Percent Recovery 03-237-07Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8ND4.8Surrogate:Percent Recovery Percent RecoveryControl Limits	Gasoline	ND	5.9	NWTPH-Gx	3-23-21	3-23-21	
Fluorobenzene9258-129Client ID:B-37-5-5.0Laboratory ID:03-237-06GasolineND4.2Surrogate:Percent Recovery 90Control Limits 58-129Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8NWTPH-Gx3-23-21Surrogate:Percent Recovery 03-237-07Client ID:B-37-5-13.0Laboratory ID:03-237-07GasolineND4.8ND4.8Surrogate:Percent Recovery Percent RecoveryControl Limits	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID:03-237-06GasolineND4.2NWTPH-Gx3-23-213-23-21Surrogate:Percent Recovery 90Control Limits 58-129Client ID:B-37-5-13.0 03-237-07Endocratic control cont	Fluorobenzene	•	58-129				
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	Client ID:	B-37-5-5.0					
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	Laboratory ID:	03-237-06					
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	Gasoline	ND	4.2	NWTPH-Gx	3-23-21	3-23-21	
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	Surrogate:	Percent Recovery	Control Limits				
Laboratory ID: 03-237-07 Gasoline ND 4.8 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 3-23-21 3-23-21	Fluorobenzene	•					
ND 4.8 NWTPH-Gx 3-23-21 3-23-21 Surrogate: Percent Recovery Control Limits 3-23-21 3-23-21	Client ID:	B-37-5-13.0					
Surrogate: Percent Recovery Control Limits	Laboratory ID:	03-237-07					
Surrogate: Percent Recovery Control Limits	Gasoline	ND	4.8	NWTPH-Gx	3-23-21	3-23-21	
•	Surrogate:	Percent Recovery	Control Limits				
	Fluorobenzene	-					



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GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

Analyte		Result		PQL	Ma	ethod		Date Prepared	Date Analyz		Flags
METHOD BLANK		Nesun		IQL	- Wit	liiou		Перагео	Analyz	eu	Tiags
Laboratory ID:		MB0323S1									
Gasoline		ND		5.0	NW	ГРН-Gx		3-23-21	3-23-2	21	
Surrogate:	Pe	rcent Recov	very Co	ntrol Lim	its						
Fluorobenzene		91		58-129							
					Source	Perc	ent	Recovery		RPD	
Analyte	Res	sult	Spike	e Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	03-23	37-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	Ą	NA	NA	30	
Surrogate:											
Fluorobenzene						92	88	58-129			



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: o-Terphenyl	Percent Recovery 80	Control Limits 50-150				
	D 27 0 25 0					
Client ID:	B-37-6-25.0 03-237-04					
Laboratory ID: 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		5-24-21	5-24-21	
o-Terphenyl	85	50-150				
0-Telphenyi	00	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				
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DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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)

Result	PQL				
	FQL	Method	Prepared	Analyzed	Flags
MB0324S1					
ND	25	NWTPH-Dx	3-24-21	3-24-21	
ND	50	NWTPH-Dx	3-24-21	3-24-21	
Percent Recovery	Control Limits				
83	50-150				
F	ND ND Percent Recovery	ND25ND50Percent RecoveryControl Limits	ND25NWTPH-DxND50NWTPH-DxPercent RecoveryControl Limits	ND25NWTPH-Dx3-24-21ND50NWTPH-Dx3-24-21Percent RecoveryControl Limits	ND 25 NWTPH-Dx 3-24-21 3-24-21 ND 50 NWTPH-Dx 3-24-21 3-24-21 Percent Recovery Control Limits 3-24-21 3-24-21

Analyte	Res	sult	Spike	Level	Source Result	Pero Reco		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB03	24S1									
	ORIG	DUP									
Diesel Fuel #2	82.6	78.7	NA	NA		N	A	NA	5	NA	
Lube Oil Range	ND	ND	NA	NA		N	A	NA	NA	NA	
Surrogate:											
o-Terphenyl						89	87	50-150			



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-6-25.0					
03-237-04					
ND	0.00092	EPA 8260D	3-23-21	3-23-21	
ND	0.00092	EPA 8260D	3-23-21	3-23-21	
ND	0.0046	EPA 8260D	3-23-21	3-23-21	
ND	0.00092	EPA 8260D	3-23-21	3-23-21	
ND	0.0018	EPA 8260D	3-23-21	3-23-21	
ND	0.00092	EPA 8260D	3-23-21	3-23-21	
Percent Recovery	Control Limits				
107	74-131				
99	78-128				
101	71-130				
	B-37-6-25.0 03-237-04 ND ND ND ND ND Percent Recovery 107 99	B-37-6-25.0 03-237-04 ND 0.00092 Percent Recovery Control Limits 107 74-131 99 78-128	B-37-6-25.0 03-237-04 ND 0.00092 EPA 8260D ND 0.0018 EPA 8260D ND 0.00092 EPA 8260D Percent Recovery Control Limits 107 74-131 99 78-128	Result PQL Method Prepared B-37-6-25.0	ResultPQLMethodPreparedAnalyzedB-37-6-25.0 03-237-040.00092EPA 8260D3-23-213-23-21ND0.00092EPA 8260D3-23-213-23-21ND0.00092EPA 8260D3-23-213-23-21ND0.0046EPA 8260D3-23-213-23-21ND0.0092EPA 8260D3-23-213-23-21ND0.0018EPA 8260D3-23-213-23-21ND0.00092EPA 8260D3-23-213-23-21ND0.0018EPA 8260D3-23-213-23-21Percent RecoveryControl Limits10774-1319978-128

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-6-33.0					
03-237-05					
ND	0.00091	EPA 8260D	3-23-21	3-23-21	
ND	0.00091	EPA 8260D	3-23-21	3-23-21	
ND	0.0045	EPA 8260D	3-23-21	3-23-21	
ND	0.00091	EPA 8260D	3-23-21	3-23-21	
ND	0.0018	EPA 8260D	3-23-21	3-23-21	
ND	0.00091	EPA 8260D	3-23-21	3-23-21	
Percent Recovery	Control Limits				
105	74-131				
97	78-128				
101	71-130				
	B-37-6-33.0 03-237-05 ND ND ND ND ND Percent Recovery 105 97	B-37-6-33.0 03-237-05 ND 0.00091 Percent Recovery Control Limits 105 74-131 97 78-128	B-37-6-33.0 03-237-05 ND 0.00091 EPA 8260D ND 0.0018 EPA 8260D ND 0.00091 EPA 8260D Percent Recovery Control Limits 105 74-131 97 78-128	Result PQL Method Prepared B-37-6-33.0	ResultPQLMethodPreparedAnalyzedB-37-6-33.003-237-05ND0.00091EPA 8260D3-23-213-23-21ND0.00091EPA 8260D3-23-213-23-21ND0.0045EPA 8260D3-23-213-23-21ND0.0091EPA 8260D3-23-213-23-21ND0.0018EPA 8260D3-23-213-23-21ND0.0018EPA 8260D3-23-213-23-21ND0.0091EPA 8260D3-23-213-23-21ND0.0091EPA 8260D3-23-213-23-21Percent RecoveryControl Limits10574-1311059778-128Image: State Stat

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-5-5.0					
03-237-06					
ND	0.00080	EPA 8260D	3-23-21	3-23-21	
ND	0.00080	EPA 8260D	3-23-21	3-23-21	
ND	0.0040	EPA 8260D	3-23-21	3-23-21	
ND	0.00080	EPA 8260D	3-23-21	3-23-21	
ND	0.0016	EPA 8260D	3-23-21	3-23-21	
ND	0.00080	EPA 8260D	3-23-21	3-23-21	
Percent Recovery	Control Limits				
101	74-131				
97	78-128				
101	71-130				
	B-37-5-5.0 03-237-06 ND ND ND ND ND Percent Recovery 101 97	B-37-5-5.0 03-237-06 ND 0.00080 ND 0.00080 ND 0.0040 ND 0.00080 ND 0.00080 ND 0.00080 ND 0.00080 ND 0.00080 Percent Recovery Control Limits 101 74-131 97 78-128	B-37-5-5.0 03-237-06 ND 0.00080 EPA 8260D ND 0.00080 EPA 8260D ND 0.00040 EPA 8260D ND 0.00080 EPA 8260D ND 0.00080 EPA 8260D ND 0.00080 EPA 8260D ND 0.0016 EPA 8260D ND 0.00080 EPA 8260D Percent Recovery Control Limits 101 74-131 97 78-128	Result PQL Method Prepared B-37-5-5.0	ResultPQLMethodPreparedAnalyzedB-37-5-5.003-237-06ND0.00080EPA 8260D3-23-213-23-21ND0.00080EPA 8260D3-23-213-23-21ND0.0040EPA 8260D3-23-213-23-21ND0.00080EPA 8260D3-23-213-23-21ND0.0016EPA 8260D3-23-213-23-21ND0.0016EPA 8260D3-23-213-23-21ND0.00080EPA 8260D3-23-213-23-21Percent RecoveryControl Limits10174-1319778-128

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-5-13.0					
03-237-07					
ND	0.00084	EPA 8260D	3-23-21	3-23-21	
ND	0.00084	EPA 8260D	3-23-21	3-23-21	
ND	0.0042	EPA 8260D	3-23-21	3-23-21	
ND	0.00084	EPA 8260D	3-23-21	3-23-21	
ND	0.0017	EPA 8260D	3-23-21	3-23-21	
ND	0.00084	EPA 8260D	3-23-21	3-23-21	
Percent Recovery	Control Limits				
101	74-131				
96	78-128				
99	71-130				
	B-37-5-13.0 03-237-07 ND ND ND ND ND Percent Recovery 101 96	B-37-5-13.0 03-237-07 ND 0.00084 ND 0.00084 ND 0.0042 ND 0.00084 ND 0.00084 ND 0.00084 ND 0.00084 ND 0.00084 Percent Recovery Control Limits 101 74-131 96 78-128	B-37-5-13.0 03-237-07 ND 0.00084 EPA 8260D ND 0.00084 EPA 8260D ND 0.0042 EPA 8260D ND 0.00084 EPA 8260D ND 0.00084 EPA 8260D ND 0.0017 EPA 8260D ND 0.00084 EPA 8260D ND 0.00084 EPA 8260D ND 0.00084 EPA 8260D Percent Recovery Control Limits 101 74-131 96 78-128	Result PQL Method Prepared B-37-5-13.0	ResultPQLMethodPreparedAnalyzedB-37-5-13.0 03-237-0703-237-07523-213-23-21ND0.00084EPA 8260D3-23-213-23-21ND0.00084EPA 8260D3-23-213-23-21ND0.0042EPA 8260D3-23-213-23-21ND0.00084EPA 8260D3-23-213-23-21ND0.00084EPA 8260D3-23-213-23-21ND0.0017EPA 8260D3-23-213-23-21ND0.00084EPA 8260D3-23-213-23-21Percent RecoveryControl Limits10174-1319678-128


Matrix: Soil Units: mg/kg

Result B-37-5-20.0 03-237-08	PQL	Method	Prepared	Analyzed	Flags
			Prepared	Analyzed	Flags
03-237-08					
ND	0.0011	EPA 8260D	3-23-21	3-23-21	
0.0028	0.0011	EPA 8260D	3-23-21	3-23-21	
ND	0.0053	EPA 8260D	3-23-21	3-23-21	
ND	0.0011	EPA 8260D	3-23-21	3-23-21	
ND	0.0021	EPA 8260D	3-23-21	3-23-21	
ND	0.0011	EPA 8260D	3-23-21	3-23-21	
Percent Recovery	Control Limits				
104	74-131				
96	78-128				
95	71-130				
ŀ	0.0028 ND ND ND Percent Recovery 104 96	0.0028 0.0011 ND 0.0053 ND 0.0011 ND 0.0021 ND 0.0011 Percent Recovery Control Limits 104 74-131 96 78-128	0.0028 0.0011 EPA 8260D ND 0.0053 EPA 8260D ND 0.0011 EPA 8260D ND 0.0021 EPA 8260D ND 0.0011 EPA 8260D ND 0.0021 EPA 8260D Percent Recovery Control Limits 104 74-131 96 78-128	0.0028 0.0011 EPA 8260D 3-23-21 ND 0.0053 EPA 8260D 3-23-21 ND 0.0011 EPA 8260D 3-23-21 ND 0.0021 EPA 8260D 3-23-21 ND 0.0021 EPA 8260D 3-23-21 ND 0.0011 EPA 8260D 3-23-21 Percent Recovery Control Limits 104 74-131 96 78-128 78-128 78-128	0.0028 0.0011 EPA 8260D 3-23-21 3-23-21 ND 0.0053 EPA 8260D 3-23-21 3-23-21 ND 0.0011 EPA 8260D 3-23-21 3-23-21 ND 0.0011 EPA 8260D 3-23-21 3-23-21 ND 0.0021 EPA 8260D 3-23-21 3-23-21 ND 0.0011 EPA 8260D 3-23-21 3-23-21 Percent Recovery Control Limits 3-23-21 3-23-21 104 74-131 96 78-128



				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-5-33.0					
03-237-10					
ND	0.00081	EPA 8260D	3-23-21	3-23-21	
ND	0.00081	EPA 8260D	3-23-21	3-23-21	
ND	0.0040	EPA 8260D	3-23-21	3-23-21	
ND	0.00081	EPA 8260D	3-23-21	3-23-21	
ND	0.0016	EPA 8260D	3-23-21	3-23-21	
ND	0.00081	EPA 8260D	3-23-21	3-23-21	
Percent Recovery	Control Limits				
102	74-131				
98	78-128				
98	71-130				
	B-37-5-33.0 03-237-10 ND ND ND ND ND Percent Recovery 102 98	B-37-5-33.0 03-237-10 ND 0.00081 ND 0.0040 ND 0.00081 ND 0.00081 ND 0.00081 ND 0.00081 ND 0.00081 ND 0.00081 Percent Recovery Control Limits 102 74-131 98 78-128	B-37-5-33.0 03-237-10 ND 0.00081 EPA 8260D ND 0.00081 EPA 8260D ND 0.0040 EPA 8260D ND 0.00081 EPA 8260D ND 0.00081 EPA 8260D ND 0.00081 EPA 8260D ND 0.0016 EPA 8260D ND 0.00081 EPA 8260D Percent Recovery Control Limits 102 74-131 98 78-128	Result PQL Method Prepared B-37-5-33.0	ResultPQLMethodPreparedAnalyzedB-37-5-33.0 03-237-100.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21ND0.00081EPA 8260D3-23-213-23-21Percent RecoveryControl Limits10274-13159878-128FFFF



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Result		Spike Level		Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB03	23S1								
	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			



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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				Date		
Result	PQL	Method	Prepared	Analyzed	Flags	
B-37-5-20.0						
03-237-08						
0.16	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
0.017	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
0.016	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
0.010	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
0.0098	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0088	EPA 8270E/SIM	3-24-21	3-25-21		
Percent Recovery	Control Limits					
92	46 - 113					
103	45 - 114					
103	49 - 121					
	B-37-5-20.0 03-237-08 0.16 ND 0.017 0.016 ND 0.010 0.0098 ND Percent Recovery 92 103	B-37-5-20.0 03-237-08 0.16 0.0088 ND 0.0088 0.017 0.0088 0.016 0.0088 0.016 0.0088 0.010 0.0088 0.010 0.0088 0.0098 0.0088 Percent Recovery Control Limits 92 46 - 113 103 45 - 114	B-37-5-20.0 03-237-08 0.16 0.0088 EPA 8270E/SIM ND 0.0088 EPA 8270E/SIM 0.017 0.0088 EPA 8270E/SIM 0.016 0.0088 EPA 8270E/SIM 0.016 0.0088 EPA 8270E/SIM 0.010 0.0088 EPA 8270E/SIM 0.010 0.0088 EPA 8270E/SIM 0.0098 0.0088 EPA 8270E/SIM 0.0098 0.0088 EPA 8270E/SIM Percent Recovery Control Limits 92 46 - 113 103 45 - 114	B-37-5-20.0 03-237-08 0.16 0.0088 EPA 8270E/SIM 3-24-21 ND 0.0088 EPA 8270E/SIM 3-24-21 0.017 0.0088 EPA 8270E/SIM 3-24-21 0.016 0.0088 EPA 8270E/SIM 3-24-21 0.016 0.0088 EPA 8270E/SIM 3-24-21 0.016 0.0088 EPA 8270E/SIM 3-24-21 0.010 0.0088 EPA 8270E/SIM 3-24-21 0.0098 0.0088 EPA 8270E/SIM 3-24-21 0.0098 0.0088 EPA 8270E/SIM 3-24-21 0.0098 0.0088 EPA 8270E/SIM 3-24-21 Percent Recovery Control Limits 3-24-21 92 46 - 113 3-24-21 103 45 - 114 V	B-37-5-20.0 03-237-08 0.16 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 ND 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.017 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.016 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.016 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.016 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.010 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.010 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.0098 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 0.0098 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 ND 0.0088 EPA 8270E/SIM 3-24-21 3-25-21 Percent Recovery Control Limits 3-24-21 3-25-21 92 46 - 113 103 45 - 114	



Matrix: Soil Units: mg/Kg

Result						
	PQL	Method	Prepared	Analyzed	Flags	
B-37-5-25.0						
03-237-09						
0.028	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
ND	0.0079	EPA 8270E/SIM	3-24-21	3-25-21		
Percent Recovery	Control Limits					
84	46 - 113					
102	45 - 114					
96	49 - 121					
	03-237-09 0.028 ND ND ND ND ND ND Percent Recovery 84 102	03-237-09 0.028 0.0079 ND 0.0014	03-237-09 0.028 0.0079 EPA 8270E/SIM ND 1.02 45 - 113	03-237-09 0.028 0.0079 EPA 8270E/SIM 3-24-21 ND 40-113 3-24-21 3	03-237-09 0.028 0.0079 EPA 8270E/SIM 3-24-21 3-25-21 ND 0.0079 EPA 8270E/SIM 3-24-21 3-25-21 Percent Recovery Control Limits 5-21 5-21	



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Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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PAHs EPA 8270E/SIM QUALITY CONTROL

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0324S1					
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
ND	0.0067	EPA 8270E/SIM	3-24-21	3-25-21	
Percent Recovery	Control Limits				
98	46 - 113				
106	45 - 114				
111	49 - 121				
	MB0324S1 ND ND ND ND ND ND ND ND Percent Recovery 98 106	MB0324S1 ND 0.0067 Percent Recovery Control Limits 98 46 - 113 106 45 - 114	MB0324S1 ND 0.0067 EPA 8270E/SIM Pd 0.0067 EPA 8270E/SIM ND 0.0067 EPA 8270E/SIM Page 46 - 113 106 106 45 - 114 106	Result PQL Method Prepared MB0324S1	Result PQL Method Prepared Analyzed MB0324S1



PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

Units. hig/kg					Source	Per	cent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-20	02-02									
	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			



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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	

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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date		
Analyte	Result	PQL	Method	Prepared	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		



TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

					Source	Per	cent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	03-08	80-20									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA		Ν	IA	NA	NA	20	
Cadmium	ND	ND	NA	NA		Ν	IA	NA	NA	20	
Chromium	16.6	16.9	NA	NA			IA	NA	1	20	
Lead	ND	ND	NA	NA		Ν	IA	NA	NA	20	
Laboratory ID:	03-0	80-20									
Mercury	ND	ND	NA	NA		Ν	IA	NA	NA	20	
Laboratory ID:	03.20	96-15									
Arsenic	ND	ND	NA	NA		•	IA	NA	NA	20	
Cadmium	ND	ND	NA	NA			IA IA	NA	NA	20	
Chromium	15.9	16.8	NA	NA			IA	NA	5	20	
Lead	ND	ND	NA	NA			IA	NA	NA	20	
2000			101								
MATRIX SPIKES											
Laboratory ID:	03-08	80-20									
	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:	03-0	80-20									
Mercury	0.497	0.496	0.500	0.500	0.0118	97	97	80-120	0	20	
Laboratory (D)	02.0	06 15									
Laboratory ID:		96-15	400	100		00		75 405	4	00	
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 04	92	75-125	1	20	
Chromium	110	110	100	100	15.9	94 02	94 05	75-125	0	20	
Lead	234	236	250	250	ND	93	95	75-125	1	20	



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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



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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.

Ζ-

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



Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Wichill A	Relinquished Upth Tulki	Signature	10 8-37-5-33,0	9 B-37-5-25,0	8 B-37-5-20.0	7 B-37-5-13.0	6 B-37-S-5,0	5 B-37-6-33.0	4 8-37-6-25,0	3 B-37-6-20,0	2 B-37-6-17.0	1 B-37-6-5.0	Lab ID Sample Identification	Sanpred by: Braeden Luktkari	100	Block 37	397-066	Project Number	7 - >	Environmental Inc.
Reviewed/Date					L DSE	Eavallon	Company	1 0735 1 5	6720 5	3/19/21 07/2 5	1 1237 5	121S 5	5 8230	0815 5	0509 5	0802 5	3/18/21 0736 50:1 5			contain	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	Turnaround Request (in working days) (Check One)	Chain of C
					3191211507	3/19/21 1507	Date Time	XXX	メイメ	XXX	メメメ	XXX	XXX	XXXX	XXX	メメメ	メメメ	Volatil Haloge	'H-Gx/I 'H-Gx 'H-Dx (es 826 B enated	BTEX	+ . ▮ s 8260D	MTF) 3E or	Laboratory Number:	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (EDDs)	Data Package: Standard Level III Level IV			1 Hadrey SICSICUCI - D (2)A	2/22/2021 00	Hold for P/n instructions	Comments/Special Instructions	メ ト	×	×	× ×	×	×	X	×	×	× ×	(with le PAHs) PCBs Organ Organ Chlorin Total F Total N TCLP	ow-leve 8270E, 8082A ochlori ophosp nated A RCRA M ATCA M Metals	ne Pest bhorus F Acid Her Aetals Aetals	w-level) NoP	081B es 8270 8151A			Page / of /
:DDs))		6		*	×	×	×	×	X	×	×	x	×	% Moi	sture						

File :C:\msdchem\l\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\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





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.



2

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



3

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

onits. ug/L (ppb)							Date	Date	1	
Analyte		Result	PQL	Me	ethod	Р	repared	Analyz	ed	Flags
METHOD BLANK										
Laboratory ID:		MB0405W1								
Gasoline		ND	100	NW	「PH-Gx		4-5-21	4-5-2	1	
Surrogate:	Pei	rcent Recovery	/ Control Lim	its						
Fluorobenzene		98	65-120							
				Source	Percei	nt	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recove	ery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	04-02	29-01								
	ORIG	DUP								
Gasoline	ND	ND	NA NA		NA		NA	NA	30	
Surrogate:										
Fluorobenzene					104	87	65-120			



4

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				

					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	SB04	05W1								
	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			



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				


VOLATILE ORGANICS EPA 8260D

-				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D

-				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

0				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB040	05W1								
	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			



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1,2-DIBROMOETHANE (EDB) EPA 8011

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B-37-3-040121					
_aboratory 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					
_aboratory 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					
_aboratory 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					
_aboratory 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				



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

Matrix: Water Units: ug/L (ppb)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0409W1					
ND	0.010	EPA 8011	4-9-21	4-9-21	
Percent Recovery	Control Limits				
110	25-142				
•					
•	MB0409W1 ND Percent Recovery	MB0409W1 ND 0.010 Percent Recovery Control Limits	MB0409W1 ND 0.010 EPA 8011 Percent Recovery Control Limits	ResultPQLMethodPreparedMB0409W10.010EPA 80114-9-21ND0.010 LimitsVV	ResultPQLMethodPreparedAnalyzedMB0409W1ND0.010EPA 80114-9-214-9-21Percent RecoveryControl Limits

					Source	Per	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB04	09W1									
	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

ormo: ug/L					Pe	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level		overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB04	06W1								
	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			



TOTAL METALS EPA 200.8/7470A

Matrix: Water Units: ug/L (ppb)

•				Date	Date	
Analyte	Result	PQL	Method	Prepared	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

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

0.50

EPA 7470A

4-7-21

4-7-21

ND

TOTAL METALS EPA 200.8/7470A QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

omo: ag/2 (pps)				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	e Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	04-01	15-04									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA		1	NA	NA	NA	20	
Cadmium	ND	ND	NA	NA		1	NA	NA	NA	20	
Chromium	ND	ND	NA	NA		1	NA	NA	NA	20	
Lead	ND	ND	NA	NA		1	NA	NA	NA	20	
Laboratory ID:	04-02	28-01									
Mercury	ND	ND	NA	NA		I	NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	04-01	15-04									
	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:	04-02	28-01									



Mercury

11.2

11.3

12.5

12.5

ND

90

89

75-125

20

1

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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.

Ζ-

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



Reviewed/Date	Received	Relinquished		Relinquished	Received	Relinquished Click Bunners	Signature	\	la	a MAN	10/11/10		4 B-37- Ce-040121	3 6-37-5-040121	2 B-37-4-040121	1 8-37-3-040121	Lab ID Sample Identification	Sampled by: Elise Bugge	Project Manager:	FILIPERT NATION	897-066	Project Number:	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date		CX	peery	Speed	Speedy	e FLN	Company						+ 1054 +	1305	1 0932	M SOH! 1/1	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days) (Check One)	Chain
		1		4	5	1	Date						- =	=	11	=	NWTP			ers			Lab	of
		22110	12.2	_	4-2-21 (4/12/ 1	ite Time						XXX	XXX	XXX		NWTP	H-Gx H-Dx (Acid	/ SG CI	lean-up) *	Laboratory N	Custody
0	0	56	a		2005	00							×	×	X	×	H aleg	PA 801	Volatile	s 8260L DB ers Only	8011		umber:	
Chromatograms with final report \Box	Data Package: Standard 🛛 Level	# ** As, Cr, Hg, Col, pb	104 82.60 D	** BTEX, EOB FDC MTRI	cil-, + kerosene- range organics	21	Comments/Special Instructions							×	×		(with line of the second secon	bw-leve B270E/ 8082A ochlori ophosp	el PAHs SIM (lo ne Pest bhorus P)	081B es 8270		04-015	
] Electronic Data Deliverables (EDDs)	III 🗌 Level IV	de	~		inge organic	nydnolarbuns							X	×	X	X	TCLP HEM (Metals oil and	grease)	1664A		me		Page 1
iverables (EDDs)			ind but is internal	+ naonthalina	5	as dieset.											% Moi		lab	fi H	ers		Hai	



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.



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

DISSOLVED ARSENIC EPA 200.8

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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

DISSOLVED ARSENIC EPA 200.8 QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

					Date	Date)	
Analyte	Result	PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK								
Laboratory ID:	MB0405F1							
Arsenic	ND	3.0	EPA	A 200.8	4-5-21	4-5-2	1	
			Source	Percent	Recovery		RPD	
Analyte	Result	Spike Level	Result	Recovery	/ Limits	RPD	Limit	Flags
DUPLICATE								
Laborate in JD.	04 044 04							

Laboratory ID:	04-01	14-01									
	ORIG	DUP									
Arsenic	7.02	7.60	NA	NA		1	NA	NA	8	20	
MATRIX SPIKES											
Laboratory ID:	04-01	14-01									
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	97.0	94.4	80.0	80.0	7.02	112	109	75-125	3	20	





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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Relinquished	Received	Relinquished Elice Burght	Signature	- Contraction of the second se	a MAR	10/11/1		4 B-37-6-040121	3 6-37-5-040121	2 B-37-4-040121	1 8-37-3-040121	Lab ID Sample Identification	Sampled by: Elise Bugge	Brani Juvista	Britist Managar	897-066	Project Number:	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	OnSite Environmental Inc.
Reviewed/Date		Č.	Speedy	Speedy	O FLN	Company					+ 1054 +	1306	1 0932	M SOH! 1/17	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days) (Check One)	Chain o
		4/2/21 1054	4-2-21 1056	4-2-21 0905	4/121 1400	Date Time					= XXXXX	"XXXXX	1 XXXXXX	= XXXXXX	NWTF NWTF NWTF NWTF Volatil	PH-HCII PH-Gx7 PH-Gx PH-Dx (es 826 enated	DD -	ers / SG C SEE B B B B B B B B B B B B B B B B B B	lean-up	⁾ *	Laboratory Number:	f Custody
Chromatograms with final report	Data Package: Standard 🛛 Level III 🗌 Level IV 🗌	### As, Cr, Hg, Cal, pb (X) Added ulisles. DB (STP	by 82 (on n , EBB, EDC, MTBE, + naphthauna	** att - 2	* Total (Comments/Special Instructions								X	Semiv (with I PAHs PCBs Organ Organ Chlori Total I Total I Total I TCLP	olatiles ow-leve 8270E/ 8082A ochlori ophosp nated / ACRA M Metals oil and Soll and	8270E al PAHs (SIM (lo ne Pest bhorus Acid He Metals grease	/SIM) w-level) iicides & Pesticid rbicides /	8081B les 8270 8151A		04-01	Page 1 of



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.



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

DISSOLVED ARSENIC EPA 200.8

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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

DISSOLVED ARSENIC EPA 200.8 QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

					Date	Date	;	
Analyte	Result	PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK								
Laboratory ID:	MB0405F1							
Arsenic	ND	3.0	EPA	4 200.8	4-5-21	4-5-2	1	
			Source	Percent	Recovery		RPD	
Analyte	Result	Spike Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE								

DUPLICATE											
Laboratory ID:	04-01	14-01									
	ORIG	DUP									
Arsenic	7.02	7.60	NA	NA			NA	NA	8	20	
MATRIX SPIKES											
Laboratory ID:	04-01	14-01									
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	97.0	94.4	80.0	80.0	7.02	112	109	75-125	3	20	





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.
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- 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.
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- 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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Relinquished US Solo	Received	Relinquished Elice Bunner	Signature	10/1/H arme		(0-0	3 6-37-5-040121	2 B-37-4-040121	1 8-37-3-040121	Analytical Laboratory Testing Services Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com Company: TAYAIION CONSULTING Project Number: 397-066 Project Name: BIUCK 37 Project Manager: DYANI JUYISTA Sampled by: EIISE BUGG96 Sample Identification
Reviewed/Date		CSC.	Speedy	Speedy	P FLN	Company		-	1054 1	1305 11	1 0932 1 11		Chain of
		4/2/21 1054		4-2-21 0905	4/121 1000	Date Time			XXXX	XXXXXX	XXXXXX	XXXXXX	NWTPH-HCID NWTPH-HCID NWTPH-Gx/BTEX NWTPH-Gx NWTPH-Cax NWTPH-Dx (□ Acid / SG Clean-up) Volatiles 8260D ✓SEE 2 /S Helegenated Volatiles 8200D EDB EPA 8011 (Waters Only)
Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard Level III Level IV V	~	by 87 ion h, EBB, EDC, MTBE, + naphthauna	the and the range organics	* Total petroleum hydrol	Comments/Special Instructions							Semivolatiles 8270E/SIM (with low-level PAHs) PAHs 8270E/SIM (low-level) PAHs 8270E/SIM (low-level) PCBs 8082A Organochlorine Pesticides 8081B Organophosphorus Pesticides 8270E/SIM Chlorinated Acid Herbicides 8151A Total RCRA Metals Total MTCA Metals HEM (oil and grease) 1664A



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.



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

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	F QL	Method	Flepaleu	Analyzeu	i lays
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				



GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

			50				Date	Date		
Analyte		Result	PQL	Me	ethod		Prepared	Analyz	ed	Flags
METHOD BLANK										
Laboratory ID:		MB0506S2								
Gasoline		ND	5.0	NW	PH-Gx		5-6-21	5-6-2	1	
Surrogate:	Pei	rcent Recovery	Control Lim	its						
Fluorobenzene		97	66-129							
				Source	Perce	ent	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recov	ery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	05-03	34-05								
	ORIG	DUP								
Gasoline	ND	ND	NA NA		NA		NA	NA	30	
Surrogate:										
Fluorobenzene					98	98	66-129			



DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	29 57	NWTPH-Dx NWTPH-Dx	5-6-21 5-6-21	5-7-21	
		Control Limits		J-0-2 I	5-7-21	
Surrogate:	Percent Recovery 81	50-150				
o-Terphenyl	01	50-150				



DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0506S1					
ND	25	NWTPH-Dx	5-6-21	5-6-21	
ND	50	NWTPH-Dx	5-6-21	5-6-21	
Percent Recovery	Control Limits				
91	50-150				
-	MB0506S1 ND ND Percent Recovery	MB0506S1 ND 25 ND 50 Percent Recovery Control Limits	MB0506S1ND25ND50NWTPH-DxPercent RecoveryControl Limits	Result PQL Method Prepared MB0506S1 -<	Result PQL Method Prepared Analyzed MB0506S1 -

					Source	Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-01	11-01									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		Ν	A	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		N	А	NA	NA	NA	
Surrogate:											
o-Terphenyl						78	89	50-150			



TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

0 0 (11)				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				5.0.04	
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	



OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881
TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-03	34-01									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA		I	NA	NA	NA	20	
Cadmium	ND	ND	NA	NA		I	NA	NA	NA	20	
Chromium	23.5	24.6	NA	NA		I	NA	NA	4	20	
Lead	ND	ND	NA	NA		I	NA	NA	NA	20	
Laboratory ID:	05-02	23-01									
Mercury	ND	ND	NA	NA		I	NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	05-03	34-01									
,	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:	05-02	23-01									



Mercury

0.562

0.562

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0.500 0.500 0.0136 **110**

110

80-120

0

20

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



	D	501		Date	Date	-
Analyte	Result	PQL	Method	Prepared	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				



A	Descrift	DOI		Date	Date	-
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB05	05S1								
	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			



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

0 0				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

					Source	Per	cent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-01	11-04									
	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			



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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



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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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received No. C. OBil UU	Relinquished	Signature)	o MND	a during		4 16-37-9-33.0	3 6-27-9-27.0	2 6-37-9-220	1 8-37-9-5.6	Lab ID Sample Identification	sampined by: Elise Bligge	Brani Juvista	Project Namoor BIOCK 87	Britist Name: 397 - 0 lil	Project Number	14648 NE 95th Street - Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	Invinonmental Inc
Reviewed/Date					C OSE SHI	FLN 51412	Company Date					+ 0900 S 5 X	1655 S 5	1 0845 S 5	5 2 2730 12/16	NWTP	PH-HCI		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(In working days)	t	Chain of Custody
Chromatograms with final report	Data Package: Standard				21 11 80		Time Comments/Special Instructions									NWTP Volatil Halog EDB E Semiv (with I PAHs Organ Organ Chlori	PH-Dx (es 8260 enated PA 80 ⁻¹ rolatiles ow-leve 8270D/ 8082A ochlori ophosp nated A	OC Volatile I1 (Wat 8270D PAHs /SIM (lo ne Pest phorus Acid He) 081B es 8270	DD/SIM			ody
ort 🗌 Electronic Data Deliverables (EDDs) 🗌												XXXX	X XX X	XXXX	XXXX	Total M TCLP HEM (Metals oil and EX PAL	Vetals grease	1664A 1664A 1600 81 Nap					Page 1 of 1



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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.



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

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

Units: mg/kg (ppm)				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

onits. hig/kg (ppin)						Date	Date		
Analyte		Result	PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK									
Laboratory ID:		MB0506S1							
Gasoline		ND	5.0	NW	ГРН-Gx	5-6-21	5-6-2	1	
Surrogate:	Per	rcent Recover	/ Control Lim	its					
Fluorobenzene		98	66-129						
				Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	05-03	34-04							
	ORIG	DUP							
Gasoline	ND	ND	NA NA		NA	NA	NA	30	
Surrogate:									
Fluorobenzene					98 101	66-129			



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	
_ube Oil Range Organics	ND	55	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	Percent Recovery	Control Limits		0021	V . L I	
o-Terphenyl	83	50-150				
o-reiphenyi	00	50-750				
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	
ube 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	
_ube Oil Range Organics	ND	60	NWTPH-Dx	5-6-21	5-7-21	
Surrogate:	Percent Recovery	Control Limits		0021	0121	
o-Terphenyl	78	50-150				
o-reipnenyi	70	50-150				
Client ID:	B-37-8-27.0					
_aboratory ID:	05-028-05					
Diesel Range Organics	ND	31	NWTPH-Dx	5-6-21	5-7-21	
ube 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					
	05-028-06					
_aporatory ID:						
		31		5-6-21	5-7-21	
Laboratory ID: Diesel Range Organics	ND	31 62	NWTPH-Dx NWTPH-Dx	5-6-21 5-6-21	5-7-21 5-7-21	
Diesel Range Organics Lube Oil Range Organics	ND ND	62	NWTPH-Dx NWTPH-Dx	5-6-21 5-6-21	5-7-21 5-7-21	
Diesel Range Organics	ND					



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This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0506S1					
ND	25	NWTPH-Dx	5-6-21	5-6-21	
ND	50	NWTPH-Dx	5-6-21	5-6-21	
Percent Recovery	Control Limits				
91	50-150				
-	MB0506S1 ND ND Percent Recovery	MB0506S1 ND 25 ND 50 Percent Recovery Control Limits	MB0506S1ND25ND50NWTPH-DxPercent RecoveryControl Limits	Result PQL Method Prepared MB0506S1 -<	Result PQL Method Prepared Analyzed MB0506S1 -

					Source	Pere	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-01	11-01									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		N	A	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		N	А	NA	NA	NA	
Surrogate:											
o-Terphenyl						78	89	50-150			



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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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					
	05-028-02					
Laboratory ID: Arsenic	05-028-02 ND	11	EPA 6010D	5-10-21	5-10-21	
Cadmium	ND	0.55	EPA 6010D	5-10-21 5-10-21	5-10-21	
Chromium	ND 22	0.55	EPA 6010D	5-10-21 5-10-21	5-10-21	
Lead	ND	5.5	EPA 6010D	5-10-21 5-10-21	5-10-21	
	ND	0.28	EPA 0010D EPA 7471B	5-10-21 5-7-21	5-10-21 5-7-21	
Mercury	ND	0.20	EFA 1411D	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	



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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	covery	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-06	69-01									
	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:	05-02	28-01									
Mercury	ND	ND	NA	NA			NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	05-06	69-01									
	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:	05-02	28-01									



Mercury

0.509

0.510

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0.500

0.0133

99

99

80-120

0

20

0.500

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



• • •	- "	50		Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-8-27.0					
05-028-05					
ND	0.0011	EPA 8260D	5-6-21	5-6-21	
ND	0.0053	EPA 8260D	5-6-21	5-6-21	
ND	0.0011	EPA 8260D	5-6-21	5-6-21	
ND	0.0021	EPA 8260D	5-6-21	5-6-21	
ND	0.0011	EPA 8260D	5-6-21	5-6-21	
Percent Recovery	Control Limits				
114	74-131				
97	78-128				
101	71-130				
	05-028-05 ND ND ND ND Percent Recovery 114 97	B-37-8-27.0 05-028-05 ND 0.0011 ND 0.0053 ND 0.0011 ND 0.0021 ND 0.0011 Percent Recovery Control Limits 114 74-131 97 78-128	B-37-8-27.0 05-028-05 ND 0.0011 ND 0.0053 ND 0.0011 EPA 8260D ND 0.0011 EPA 8260D ND 0.0021 EPA 8260D ND 0.0021 EPA 8260D ND 0.0011 EPA 8260D Percent Recovery Control Limits 114 74-131 97 78-128	Result PQL Method Prepared B-37-8-27.0	Result PQL Method Prepared Analyzed B-37-8-27.0 05-028-05 5 5 5 ND 0.0011 EPA 8260D 5-6-21 5-6-21 ND 0.0053 EPA 8260D 5-6-21 5-6-21 ND 0.0011 EPA 8260D 5-6-21 5-6-21 ND 0.0011 EPA 8260D 5-6-21 5-6-21 ND 0.0021 EPA 8260D 5-6-21 5-6-21 ND 0.0011 EPA 8260D 5-6-21 5-6-21 Percent Recovery Control Limits Fractional State Fractional State Fractional State 97 78-128 Fractional State Fractional State Fractional State



				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Per	cent	Recovery		RPD	
Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SB05	06S1								
SB	SBD	SB	SBD	SB	SBD				
0.0495	0.0484	0.0500	0.0500	99	97	71-131	2	19	
0.0582	0.0565	0.0500	0.0500	116	113	73-124	3	18	
0.0595	0.0601	0.0500	0.0500	119	120	79-130	1	18	
0.0519	0.0516	0.0500	0.0500	104	103	76-123	1	18	
0.0518	0.0510	0.0500	0.0500	104	102	78-122	2	18	
				103	105	74-131			
				95	94	78-128			
				105	105	71-130			
SB05	07S1								
SB	SBD	SB	SBD	SB	SBD				
0.0448	0.0451	0.0500	0.0500	90	90	71-131	1	19	
0.0565	0.0564	0.0500	0.0500	113	113	73-124	0	18	
0.0578	0.0596	0.0500	0.0500	116	119	79-130	3	18	
0.0509	0.0516	0.0500	0.0500	102	103	76-123	1	18	
0.0491	0.0515	0.0500	0.0500	98	103	78-122	5	18	
				106	100	74-131			
				96	94	78-128			
				105	105	71-130			
	SB05 SB 0.0495 0.0595 0.0519 0.0518 0.0518 SB 0.0448 0.0565 0.0578 0.0509	0.0495 0.0484 0.0582 0.0565 0.0595 0.0601 0.0519 0.0516 0.0518 0.0510 SB 0.0510 SB SBD 0.0448 0.0451 0.0565 0.0564 0.0578 0.0596	SB0506S1 SB SBD SB 0.0495 0.0484 0.0500 0.0595 0.0601 0.0500 0.0519 0.0516 0.0500 0.0518 0.0510 0.0500 SB0507S1 SB SB SB SBD SB 0.0448 0.0451 0.0500 0.0565 0.0564 0.0500 0.0578 0.0596 0.0500 0.0578 0.0596 0.0500	SB0506S1 SB SBD SB SBD 0.0495 0.0484 0.0500 0.0500 0.0595 0.0601 0.0500 0.0500 0.0519 0.0516 0.0500 0.0500 0.0518 0.0510 0.0500 0.0500 0.0518 0.0510 0.0500 0.0500 SB0507S1 SB SBD SB SB SBD SB SBD 0.0448 0.0451 0.0500 0.0500 0.0565 0.0564 0.0500 0.0500 0.0578 0.0596 0.0500 0.0500 0.0509 0.0516 0.0500 0.0500	Result Spike Level Reconstruction SB0506S1 SB SBD SB SB SBD SB SBD SB 0.0495 0.0484 0.0500 0.0500 99 0.0582 0.0565 0.0500 0.0500 116 0.0595 0.0601 0.0500 0.0500 104 0.0519 0.0516 0.0500 0.0500 104 0.0518 0.0510 0.0500 0.0500 104 0.0518 0.0510 0.0500 0.0500 104 0.0518 0.0510 0.0500 0.0500 104 SB SBD SB SBD SB SB SBD SB SBD 90 0.0565 0.0564 0.0500 0.0500 113 0.0578 0.0596 0.0500 0.0500 116 0.0509 0.0516 0.0500 0.0500 102 0.0491 0.0515 0.0500 0.0500	SB0506S1 SB SBD SB SBD SB SBD 0.0495 0.0484 0.0500 0.0500 99 97 0.0582 0.0565 0.0500 0.0500 116 113 0.0595 0.0601 0.0500 0.0500 119 120 0.0519 0.0516 0.0500 0.0500 104 103 0.0518 0.0510 0.0500 0.0500 104 102 SB0507S1 SB SB SBD SB SBD SB SBD SB SBD SB SBD SB SBD O.0448 0.0451 0.0500 0.0500 113 113 0.0578 0.0596 0.0500 0.0500 113 113 0.0509 0.0516 0.0500 0.0500 102 103 0.0491 0.0515 0.0500 0.0500 98 103 106 </td <td>Result Spike Level Recovery Limits SB0506S1 SB SBD SB SBD SB SBD 0.0495 0.0484 0.0500 0.0500 99 97 71-131 0.0582 0.0565 0.0500 0.0500 116 113 73-124 0.0595 0.0601 0.0500 0.0500 119 120 79-130 0.0519 0.0516 0.0500 0.0500 104 103 76-123 0.0518 0.0510 0.0500 0.0500 104 102 78-122 SB SBD SB SBD 74-131 95 94 78-128 105 105 71-130 105 71-130 105 71-130 SB SBD SB SBD SB SBD 90 91-131 0.0565 0.0564 0.0500 0.0500 113 113 73-124 0.0578 0.0596 0.0500 0.0500 10</td> <td>Res⊥It Spike Level Rec∨ry Limits RPD SB0506S1 SB SB SBD SB SB</td> <td>Result Spike Level Recovery Limits RPD Limit SB050651 SB SBD SB SBD 1</td>	Result Spike Level Recovery Limits SB0506S1 SB SBD SB SBD SB SBD 0.0495 0.0484 0.0500 0.0500 99 97 71-131 0.0582 0.0565 0.0500 0.0500 116 113 73-124 0.0595 0.0601 0.0500 0.0500 119 120 79-130 0.0519 0.0516 0.0500 0.0500 104 103 76-123 0.0518 0.0510 0.0500 0.0500 104 102 78-122 SB SBD SB SBD 74-131 95 94 78-128 105 105 71-130 105 71-130 105 71-130 SB SBD SB SBD SB SBD 90 91-131 0.0565 0.0564 0.0500 0.0500 113 113 73-124 0.0578 0.0596 0.0500 0.0500 10	Res⊥It Spike Level Rec∨ry Limits RPD SB0506S1 SB SB SBD SB SB	Result Spike Level Recovery Limits RPD Limit SB050651 SB SBD SB SBD 1



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Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
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				


Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

					Source	Per	cent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-04	42-05									
	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			



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

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PCBs EPA 8082A

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PCBs EPA 8082A QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

enne. mg/rtg (ppm)				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				

					Source	Pe	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	covery	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-0	34-02									
	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			



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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
			Allalyzeu
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



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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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Relinquisned	Received	Relinquished and the page	Signature	MM0	131 D	6 13-37-8-330	5 8-37-8-27.0	4 18-37-8-22.0	3 B-37-8-18.0	2 8-37-8-13.0	1 8-37-8-5.0	Lab 1D Sample Identification	Elise Bugge	Brani Jurista	Project Name: BIOCK 37	000-7-98	Farally consulting	Analytical Laboratory lesting Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					z FLN	Company			5 T 2001 T	0950	0940	0930	0920 5	5/5 0000 5/5	Date Time Sampled Sampled Matrix :	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Chain of
				E SISIN 122	5,15/21 1230	Date Time			XX			XX	XX		NWTF NWTF NWTF NWTP Volatil	H-HCIE H-Gx/E H-Gx H-Dx (es 8260 enated	Acid	/ SG Cle s 8260D ers Only)	0)	Laboratory Number:	Chain of Custody
Chromatograms with final report Electronic Data	Data Package: Standard Level III Level IV	BUNNING		129.02 xx	althe	Comments/Special Instructions				×			×	×	Semiv (with I PAHs PCBs Organ Organ Chlori Total F Total N TCLP	olatiles pw-leve 8270E/ 8082A ochlorir ophosp nated A RCRA M ATCA M Metals	8270E, el PAHs) SIM (lon he Pesti horus F .cid Her letals	/SIM w-level) cides 80 Pesticides bicides	081B es 8270 8151A		05-028	
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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





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.



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

GASOLINE RANGE ORGANICS **NWTPH-Gx**

Matrix: Soil Units: mg/kg (ppm)

onits. mg/kg (ppm)				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

onits. mg/kg (ppm)						Date	Date)		
Analyte		Result	PQL	Me	ethod	Prepared	Analyzed		Flags	
METHOD BLANK										
Laboratory ID:		MB0510S2								
Gasoline		ND	5.0	NW	ГРН-Gx	5-10-21	5-10-2	21		
Surrogate:	Pe	rcent Recover	y Control Lim	its						
Fluorobenzene		96	66-129							
				Source	Percent	Recovery		RPD		
Analyte	Res	sult	Spike Level	Result	Recovery	/ Limits	RPD	Limit	Flags	
DUPLICATE										
Laboratory ID:	05-06	69-04								
	ORIG	DUP								
Gasoline	ND	ND	NA NA		NA	NA	NA	30		
Surrogate:										
Fluorobenzene					102 10	4 66-129				



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: o-Terphenyl	Percent Recovery 96	Control Limits 50-150				
	D 07 7 40 0					
Client ID: Laboratory ID:	B-37-7-13.0 05-060-02					
Diesel Range Organics	ND	28	NWTPH-Dx	5-10-21	5-10-21	
Lube Oil Range Organics	ND	28 55	NWTPH-Dx	5-10-21 5-10-21	5-10-21	
Surrogate:	Percent Recovery	Control Limits	INVVIFII-DX	5-10-21	5-10-21	
o-Terphenyl	95	50-150				
0-Telphenyi	30	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	<u>ND</u>	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	NWITTEDX	0-10-21	0-11-21	
o-Terphenyl	80	50-150				
o reiphenyr	00	00 100				
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	52 64	NWTPH-Dx NWTPH-Dx	5-10-21 5-10-21	5-11-21	
Surrogate:	Percent Recovery	Control Limits		0-10 - 21	5-11-21	
o-Terphenyl	80	50-150				
	00	00-700				



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DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0510S1					
ND	25	NWTPH-Dx	5-10-21	5-10-21	
ND	50	NWTPH-Dx	5-10-21	5-10-21	
Percent Recovery	Control Limits				
95	50-150				
	MB0510S1 ND ND Percent Recovery	MB0510S1 ND 25 ND 50 Percent Recovery Control Limits	MB0510S1ND25ND50NWTPH-DxPercent RecoveryControl Limits	ResultPQLMethodPreparedMB0510S1	Result PQL Method Prepared Analyzed MB0510S1

					Source	Pere	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-06	60-02									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		N	A	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		N	А	NA	NA	NA	
Surrogate:											
o-Terphenyl						95	90	50-150			



TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	covery	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-05	51-01									
	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:	05-06	69-01									
Mercury	ND	ND	NA	NA			NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	05-05	51-01									
	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	
	05.00										
Laboratory ID:	05-06	59-01									



Mercury

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0.525

0.500

0.500

0.0317

94

99

80-120

5

20

0.499

9

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
B-37-7-13.0					
05-060-02					
ND	0.0010	EPA 8260D	5-10-21	5-10-21	
ND	0.0051	EPA 8260D	5-10-21	5-10-21	
ND	0.0010	EPA 8260D	5-10-21	5-10-21	
ND	0.0021	EPA 8260D	5-10-21	5-10-21	
ND	0.0010	EPA 8260D	5-10-21	5-10-21	
Percent Recovery	Control Limits				
97	74-131				
97	78-128				
98	71-130				
	05-060-02 ND ND ND ND Percent Recovery 97 97	B-37-7-13.0 05-060-02 ND 0.0010 ND 0.0051 ND 0.0010 ND 0.0021 ND 0.0010 Percent Recovery Control Limits 97 74-131 97 78-128	B-37-7-13.0 EPA 8260D ND 0.0010 EPA 8260D ND 0.0051 EPA 8260D ND 0.0010 EPA 8260D ND 0.0021 EPA 8260D ND 0.0021 EPA 8260D ND 0.0010 EPA 8260D Percent Recovery Control Limits 97 74-131 97 78-128	Result PQL Method Prepared B-37-7-13.0	ResultPQLMethodPreparedAnalyzedB-37-7-13.0 05-060-0205-060-025-10-215-10-21ND0.0010EPA 8260D5-10-215-10-21ND0.0051EPA 8260D5-10-215-10-21ND0.0010EPA 8260D5-10-215-10-21ND0.0021EPA 8260D5-10-215-10-21ND0.0010EPA 8260D5-10-215-10-21Percent RecoveryControl Limits9774-131979778-1285-10-215-10-215-10-21



				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB05	10S2								
	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			



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Soil Units: mg/Kg

A I . C.					Source		cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-06	60-02									
	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			



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



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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Received .	Relinquished	Received	Relinquished 4/2 KJM	Signature	Werten	510121 510121		6 B-37-7-33.0	0-72-7-27.0	4 B-37-7-22.0	3 6-37-7-18.0	2 6-37-7-13.0	* 0.5 M- t- tS- 8 1	Lab ID Sample Identification	Elise Budge	Sampled hu: Brani Junsh	BIDGE Manager BIDGE 37	397-066	Project Number: Farallon Consulting	Phone: (425) 883-3881 • www.onsite-env.com Company:	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052	Environmental Inc.	
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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





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.



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

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

						Date	Date		
Analyte		Result	PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK									
Laboratory ID:		MB0511W1							
Gasoline		ND	100	NW	ГРН-Gx	5-11-21	5-11-2	1	
Surrogate:	Pe	rcent Recover	y Control Lim	its					
Fluorobenzene		89	66-117						
				Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	05-07	73-05							
	ORIG	DUP							
Gasoline	ND	ND	NA NA		NA	NA	NA	30	
Surrogate:									
Fluorobenzene					91 81	66-117			



DIESEL AND HEAVY OIL RANGE ORGANICS **NWTPH-Dx**

Matrix: Water Units: mg/L (ppm)

Analysia	Desult	DOI	Mathad	Date	Date	Flore
Analyte	Result	PQL	Method	Prepared	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				



DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				

				Source	Perce	ent	Recovery		RPD	
Res	sult	Spike	Level	Result	Recov	very	Limits	RPD	Limit	Flags
SB05	17W1									
ORIG	DUP									
0.543	0.495	NA	NA		NA	1	NA	9	NA	
					114	106	50-150			
	SB05 ORIG		SB0517W1 ORIG DUP	SB0517W1 ORIG DUP	Result Spike Level Result SB0517W1 ORIG DUP	ResultSpike LevelResultRecovSB0517W1ORIGDUP0.5430.495NANA	ResultSpike LevelResultRecoverySB0517W1ORIGDUP0.5430.495NANA	ResultSpike LevelResultRecoveryLimitsSB0517W1ORIGDUP0.5430.495NANANA	ResultSpike LevelResultRecoveryLimitsRPDSB0517W1ORIGDUP0.5430.495NANANA9	ResultSpike LevelResultRecoveryLimitsRPDLimitSB0517W1ORIGDUP0.5430.495NANANA9NA



PCBs EPA 8082A

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PCBs EPA 8082A QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				

					Source	Pe	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	covery	Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB05	519W1									
	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			



TOTAL METALS EPA 200.8/7470A

Matrix: Water Units: ug/L (ppb)

0 (11 /				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



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

TOTAL METALS EPA 200.8/7470A QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0518WM1					
ND	3.3	EPA 200.8	5-18-21	5-18-21	
ND	4.4	EPA 200.8	5-18-21	5-18-21	
ND	11	EPA 200.8	5-18-21	5-18-21	
ND	1.1	EPA 200.8	5-18-21	5-18-21	
MB0518W2					
ND	0.50	EPA 7470A	5-18-21	5-18-21	
	MB0518WM1 ND ND ND ND MB0518W2	MB0518WM1 ND 3.3 ND 4.4 ND 11 ND 1.1	MB0518WM1 ND 3.3 EPA 200.8 ND 4.4 EPA 200.8 ND 11 EPA 200.8 ND 11 EPA 200.8 ND 1.1 EPA 200.8 MB0518W2 MB0518W2 MB0518W2	MB0518WM1 ND 3.3 EPA 200.8 5-18-21 ND 4.4 EPA 200.8 5-18-21 ND 11 EPA 200.8 5-18-21 ND 11 EPA 200.8 5-18-21 ND 1.1 EPA 200.8 5-18-21 MD 1.1 EPA 200.8 5-18-21 MB0518W2 MB0518W2 MB0518W2 MB0518W2 MB0518W2	Result PQL Method Prepared Analyzed MB0518WM1

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-15	50-01									
	ORIG	DUP									
Arsenic	5.29	5.31	NA	NA			NA	NA	0	20	
Cadmium	ND	ND	NA	NA		I	NA	NA	NA	20	
Chromium	ND	ND	NA	NA		I	NA	NA	NA	20	
Lead	ND	ND	NA	NA			NA	NA	NA	20	
Laboratory ID:	05-09	95-01									
Mercury	ND	ND	NA	NA			NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	05-1	50-01									
	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:	05-09	95-01									
Mercury	13.0	13.1	12.5	12.5	ND	104	104	75-125	1	20	



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

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

·				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



11

VOLATILE ORGANICS EPA 8260D

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D

-				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB05	12W1								
	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			



1,2-DIBROMOETHANE (EDB) EPA 8011

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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

Matrix: Water Units: ug/L (ppb)

			Date	Date	
Result	PQL	Method	Prepared	Analyzed	Flags
MB0516W1					
ND	0.010	EPA 8011	5-16-21	5-16-21	
Percent Recovery	Control Limits				
124	25-156				
	6			DD	~
	MB0516W1 ND Percent Recovery	MB0516W1 ND 0.010 Percent Recovery Control Limits 124 25-156	MB0516W1ND0.010EPA 8011Percent RecoveryControl Limits12425-156	ResultPQLMethodPreparedMB0516W1	ResultPQLMethodPreparedAnalyzedMB0516W1

Analyte	Re	sult	Spike	Level	Result		overy	Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB05	516W1									
	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			



PAHs EPA 8270E/SIM

·				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM

-				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM

-				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



PAHs EPA 8270E/SIM QUALITY CONTROL

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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				



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PAHs EPA 8270E/SIM QUALITY CONTROL

offits. ug/L					Per	cent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	-	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB05	17W1								
	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			





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.

Ζ-

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



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

Reviewed/Date	Received	Received Relinquished	Relinquished OBBSS	Received D& Gulls	Relinquished 9 Lus Mpgl	Signature		ama	5/10/2/		120120-6-22-8 5	120150-8-42-021	1 8-37-7-05/021	an	Sampled by: Elise Bugge		0	Favallon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com Company: •	Environmental Inc.
Reviewed/Date		- CAR	Speedy	Speedy	FLN	Company					- 0934 W 11	1115 W 11	5/16 1245 W 11	1	(other)	standard (r Days)	2 Days 3 Days	Same Day	(in working days) (Check One)	Chain of Custody
		S/III/4 Itor	5-11-21 1101	5-11-24 1030	5/10/21 1500	Date Time					X	XX	X	NWTF NWTF Volatil	PH-Gx/BTE PH-Gx PH-Dx (PH-Dx (PH-Dx (PH-Dx (PA 8011 ()	Acid / SG atiles 826	60D	up)	Laboratory Number:	istody
Chromatograms with final report	Data Package: Standard 🗌 Level III 🗌 Level IV 🗌	X-Added Shill21. DD (SIN)	2		* WA EOC, MTBE, Monthering too	Comments/Special Instructions						×		(with I PAHs PCBs Organ Organ Chlori Total P Total N TCLP HEM (ED	Metals oil and gre EX PB AHS	AHs) 1 (low-lev Pesticide: us Pestic Herbicid als als 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4	el) s 8081E cides 82 les 815 t AS, 4A	270E/SIN 1A ccl, (r	05-09	age of

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





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.



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

DISSOLVED ARSENIC EPA 200.8

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	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	



DISSOLVED ARSENIC EPA 200.8 QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

								Date	Date	e	
Analyte		Result		PQL	М	ethod	1	Prepared	Analyzed		Flags
METHOD BLANK											
Laboratory ID:		MB0511F1									
Arsenic		ND		3.0	EP	A 200	.8	5-11-21	5-27-	21	
					Source	Pe	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Result Recovery		Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-20	04-04									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA		1	NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	05-20	04-04									
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	80.6	84.4	80.0	80.0	ND	101	106	75-125	5	20	





Data Qualifiers and Abbreviations

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- 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.
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- 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.
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- Q Surrogate recovery is outside of the control limits.
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- 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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Relinquished	Received D& D&	Relinquished Elin March	Signature		O MAG	2/10/2/		120120-6-tE-9 5	2 15-37-8-051021	1 B-37-7-051021	Lab ID Sample Identification		Brani Junista	BIOCK 37	S97-066	Favallon Consulting	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.	
Reviewed/Date		- CAR	Speedy	Speedy	FLN	Company					+ 0934 W 11	1115 W 11	5/16 1245 W 11	1	(other) er of C		Standard (7 Days)	2 Days 3 Days	Same Day	(in working days) (Check One)	Chain of Custody	
		SIIIU Iloi	5-11-21 1101	5-11-21 1030	5/10/21 1500	Date Time					XX	XX	X	NWTF NWTF NWTF Volatil Halog	'H-Gx/B	TEX	s 8260I))	Laboratory Number:	ustody	
Chromatograms with final report Electronic Data Deliverables (EDDs)	Data Package: Standard 🛛 Level III 🗍 Level IV 🗎	& Added 5/20/21. DB (STA)	× and chiles as (cra)		* WA EOC, MTBE, Mophaniane hos	Comments/Special Instructions						XXX		(with I PAHs PCBs Organ Organ Chlori Total F Total N TCLP HEM (ET CPI	ACRA M ATCA M Metals oil and a A A H S S S S S	I PAHs SIM (Io horus I cid He letals letals) w-level) icides & Pesticid bicides *** 1664A	3081B es 827(3 8151A AS, C	d, cr	- 05-095 	age of	