FARALLON consulting

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December 1, 2010

Mr. Chuck Cline
Washington State Department of Ecology
Southwest Regional Office
PO Box 47775
Olympia, Washington 98504

RE: RISK-BASED CLEANUP LEVEL CALCULATION FOR PETROLEUM-CONTAMINATED SOIL
WOODWORTH LAKEVIEW FACILITY
2800 104TH STREET SOUTH, LAKEWOOD, WASHINGTON
VCP PROJECT NO: SW1012
FARALLON PN: 188-002

Dear Mr. Cline:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter on behalf of Woodworth Capital, Inc. (formerly Woodworth & Company, Inc.) to confirm that the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method B risk-based Site-specific cleanup level for total petroleum hydrocarbons, including as diesel-range organics (DRO) and/or as oil-range organics (ORO), in soil calculated for a portion of the Woodworth Lakeview Facility at 2800 104th Street South in Lakewood, Washington (herein referred to as the Site) is protective of human health and the environment and will meet the requirements of a No Further Action (NFA) determination for the approved cleanup action. The approved cleanup action consists of excavation and on-Site recycling or off-Site disposal of soil with concentrations of DRO and/or ORO that exceed the MTCA Method A cleanup levels in accordance with the results of the *Remedial Investigation/Feasibility Study Report, Woodworth & Company, Inc., Lakeview Facility, 2800 104th Street South, Lakewood, Washington* dated August 19, 2009 (RI/FS) and the *Engineering Design Report, Woodworth Capital, Inc., Formerly Known as Woodworth & Company, Inc., Lakeview Facility, 2800 104th Street South, Lakewood, Washington* dated January 20, 2010 (EDR) both prepared by Farallon and submitted to and approved by the Washington State Department of Ecology (Ecology) in the Opinion Letter dated January 17, 2010.

The volume of soil with concentrations of ORO and/or DRO above the MTCA Method A cleanup levels is significantly greater than estimated in the EDR Area of Concern (AOC) 2 and AOC 3 (Figure 1). Therefore, to minimize the volume of soil that will require removal and to provide a cost-effective cleanup action, Farallon evaluated whether a Site-specific MTCA Method B cleanup level for DRO and/or ORO in soil would be protective of human health and the environment. Farallon collected groundwater samples for laboratory analysis in the areas where concentrations of DRO and/or ORO exceed the MTCA Method A cleanup levels in soil, and collected and analyzed soil samples to calculate MTCA Method B cleanup levels.

This letter report provides background information pertaining to the basis for use of MTCA Method B cleanup levels, including the analytical results of soil and groundwater samples, results of MTCA Method B cleanup level calculations, and Farallon's conclusions, including work planned to complete the cleanup action. The ongoing cleanup action is being conducted as an independent action under the Ecology Voluntary Cleanup Program and has been assigned Toxics Cleanup Program Identification No. SW1012.

BACKGROUND

Concentrations of DRO and/or ORO exceeding the MTCA Method A cleanup levels for unrestricted land uses were detected in soil at three areas of the Site, as summarized in the RI/FS. AOC 1, AOC 2, and AOC 3 are shown on Figure 1 and include:

- AOC 1—Equipment Storage Carport Area;
- AOC 2—Equipment Parking Area; and
- AOC 3—Former Recycled Stockpile Area.

The Ecology-approved scope of work for the cleanup action at the Site is defined in the EDR and includes excavation and on-Site recycling or off-Site disposal of soil with concentrations of DRO and/or ORO exceeding the MTCA Method A cleanup levels. Soil with concentrations of DRO and/or ORO above the MTCA Method A cleanup levels has been excavated from AOC 1 and no further excavation is necessary. Excavation of soil with concentrations of DRO and/or ORO above the applicable MTCA cleanup levels is currently ongoing at AOC 2 and AOC 3.

MTCA METHOD B CLEANUP LEVEL EVALUATION

GROUNDWATER

The first step in the evaluation of whether a Site-specific risked-based MTCA Method B cleanup level for DRO and/or ORO in soil was protective of human health and the environment in AOC 2 and AOC 3 consisted of determining if the DRO and/or ORO in soil was a source to groundwater in these areas. Analytical results from 2008 through 2010 for the groundwater samples collected in AOC 2 from monitoring well MW-13 have not detected concentrations of DRO and/or ORO above the laboratory practical quantitation limit (PQL) of the analytical method (Figure 2; Table 1). Monitoring well MW-13 is screened in the uppermost water-bearing zone. Groundwater was not encountered in borings located in AOC 3 during the RI/FS field sampling. However, groundwater has been observed in test pits recently excavated to collect performance and confirmation soil samples in AOC 3. Farallon installed and collected groundwater samples from monitoring well MW-24, located in the central portion of AOC 3 and constructed to screen the uppermost water-bearing zone, to determine if concentrations of DRO and/or ORO exceeded the MTCA Method A cleanup levels for groundwater (Figure 3). The analytical results of groundwater samples collected from monitoring well MW-24 did not detect concentrations of DRO or ORO at or above the laboratory PQLs of the analytical method (Table 1). The boring log for monitoring well MW-24 is provided in Attachment A. The laboratory analytical reports are provided in Attachment B.

Analytical results of groundwater samples collected from monitoring wells in areas AOC 2 and AOC 3 have not detected concentrations of DRO or ORO above the laboratory PQL. Therefore, the soil to groundwater pathway is incomplete and the concentrations of DRO and ORO in soil are not a source of contamination to groundwater.

CLEANUP LEVEL CALCULATION

Farallon recently collected soil samples from areas AOC 2 and AOC 3 for laboratory analysis to calculate a Site-specific MTCA Method B cleanup level for total petroleum hydrocarbons in soil that is protective of human health and the environment. The analyses and calculation were conducted in accordance with the Ecology guidance document *Workbook Tools for Calculating Soil and Ground Water Cleanup Levels Under the Model Toxics Control Act Cleanup Regulation: Users Guide 11.1*, revised December 2007 (Ecology Publication No. 01-09-073),

A total of 16 soils samples were analyzed from AOC 2, and 65 soil samples were analyzed from AOC 3 for the RI/FS and recently for the excavation confirmation sampling (Figures 2 and 3). Analytical results of soil samples collected from AOC 2 detected concentrations of DRO ranging from 100 to 1,600 milligrams per kilogram (mg/kg), and ORO ranging from 320 to 15,000 mg/kg (Table 2). Analytical results of soil samples collected from AOC 3 detected concentrations of DRO ranging from 27 to 7,600 mg/kg, and ORO ranging from 75 to 9,800 mg/kg (Table 3). These sampling data were used to identify locations to select representative soil samples for evaluation of MTCA Method B cleanup levels.

Soil samples were collected from AOC 2 (A2-B1-P-100510-2.0) and from AOC 3 (A3-B2-P-100510-4.5) in October 2010 at locations where the highest concentrations of DRO and/or ORO were previously detected in the two AOCs (Figures 2 and 3). The soil samples were analyzed for parameters required to calculate MTCA Method B cleanup levels, including benzene, toluene, ethylbenzene, and xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8021B; polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270D/SIM; and extractable petroleum hydrocarbons by Northwest Method NWTPH-EPH. A soil sample collected from below the contaminated zone in the excavation in AOC 3 (Figure 3, A3-C3-BTM-092210-8.0) was analyzed for total organic carbon by EPA Method 9060. The analytical results for BTEX are included in Tables 2 and 3. The analytical results for non-carcinogenic and carcinogenic PAHs in soil are summarized in Tables 4 and 5, respectively. Analytical results for extractable petroleum hydrocarbons and total organic carbon are provided in Table 6.

The analytical results for PAHs, BTEX, and extractable petroleum hydrocarbons for the soil samples recently collected at AOC 2 and AOC 3 were entered into the Ecology Publication No. 01-09-073 worksheet for soil data entry. The default parameters developed by Ecology were used for hydrogeologic data entry (Attachment C). Because total organic carbon was not detected at or above the PQL for the analytical method, a default value provided in the calculation spreadsheet was used.

Based on the chemical composition of the petroleum hydrocarbon constituents present, the total petroleum hydrocarbon concentration (sum of DRO and ORO) in soil protective of human health by direct contact was calculated to be:

- 3,699 mg/kg for AOC 2; and
- 3,739 mg/kg for AOC 3.

Ecology Publication No. 01-09-073 requires an assessment for residual saturation or an empirical demonstration to ensure that concentrations of petroleum hydrocarbons detected in soil will not result in the accumulation of nonaqueous phase liquid on or in groundwater. As discussed in the Background section above, the analytical results of groundwater samples collected from monitoring wells located in the areas where concentrations of DRO and/or ORO were detected in soil in AOC 2 and AOC 3 did not detect concentrations of DRO and ORO in groundwater above the laboratory PQLs, confirming that the ORO and DRO in soil is not a source to groundwater.

Ecology Publication No. 01-09-073 requires a determination if a simplified or Site-specific Terrestrial Ecological Evaluation is required. The RI/FS approved by Ecology confirmed and documented that the Site qualifies for a Terrestrial Ecological Evaluation exclusion based on the lack of undeveloped land on or within 500 feet of the Site, as set forth in Section 7491 of Chapter 173-340 of Washington Administrative Code.

CONCLUSIONS

The results of the calculation of a Site-specific MTCA Method B cleanup level for DRO and/or ORO in soil in AOC 2 and AOC 3 conducted in accordance with Ecology Publication No. 01-09-073 confirm that the MTCA Method B cleanup levels for total petroleum hydrocarbons (sum of DRO and ORO) in soil are protective of human health and the environment. The cleanup action for excavation of soil in AOC 2 and AOC 3 containing concentrations of total petroleum hydrocarbons will proceed based on the calculated Site-specific MTCA Method B cleanup levels. Soil with concentrations of total petroleum hydrocarbons (sum of DRO and ORO) above 3,699 mg/kg will be excavated from AOC 2. Soil with concentrations of total petroleum hydrocarbons (sum of DRO and ORO) above 3,739 mg/kg will be excavated from AOC 3.

The chemical composition of the petroleum hydrocarbon constituents that will remain in soil after completion of the cleanup action using the MTCA Method B cleanup levels in AOC 2 and AOC 3 will not pose a threat to human health via the direct contact pathway and are protective of groundwater quality via the leaching pathway. Farallon requests confirmation from Ecology that the Site-specific MTCA Method B cleanup levels calculated for soil in AOC 2 and AOC 3 are protective of human health and the environment, and that the completion of the cleanup action in AOC 2 and AOC 3 using the MTCA Method B cleanup levels will result in a No Further Action determination for the Site.

Farallon trusts that this provides sufficient information for your needs. Feel free to contact either of the undersigned at (425) 295-0800 if you have questions or comments.

Sincerely,

Farallon Consulting, L.L.C.

State of Washington 2821 Licensed Geologist
BRANISLAV JURISTA

Brani Jurista, L.G.
Associate Geologist

Peter Jewett, L.G., L.E.G
Principal Engineering Geologist

Attachments: Figure 1, *Cleanup Action Areas for Petroleum Hydrocarbons*
Figure 2, *AOC 2 Soil Sample Locations*
Figure 3, *AOC 3 Soil Sample Locations*

Table 1, *Groundwater Analytical Results for Petroleum Hydrocarbons and BTEX*
Table 2, *Soil Analytical Results for Petroleum Hydrocarbons and BTEX in AOC 2*
Table 3, *Soil Analytical Results for Petroleum Hydrocarbons and BTEX in AOC 3*
Table 4, *Soil Analytical Results for Non-Carcinogenic Polycyclic Aromatic Hydrocarbons*
Table 5, *Soil Analytical Results for Carcinogenic Polycyclic Aromatic Hydrocarbons*
Table 6, *Soil Analytical Results for Extractable Petroleum Hydrocarbons and Total Organic Carbon*

Attachment A, Boring Log
Attachment B, Laboratory Analytical Reports
Attachment C, Soil Cleanup Level Worksheets

cc: Mr. Jeff Woodworth; Woodworth Capital, Inc.
Mr. Clark Davis; Davis Law Office, PLLC

BJ/PJ:bjj

FIGURES

RISK-BASED CLEANUP LEVEL CALCULATION
FOR PETROLEUM-CONTAMINATED SOIL
Woodworth Lakeview Facility
Lakewood, Washington
VCP Project No: SW1012

Farallon PN: 188-002

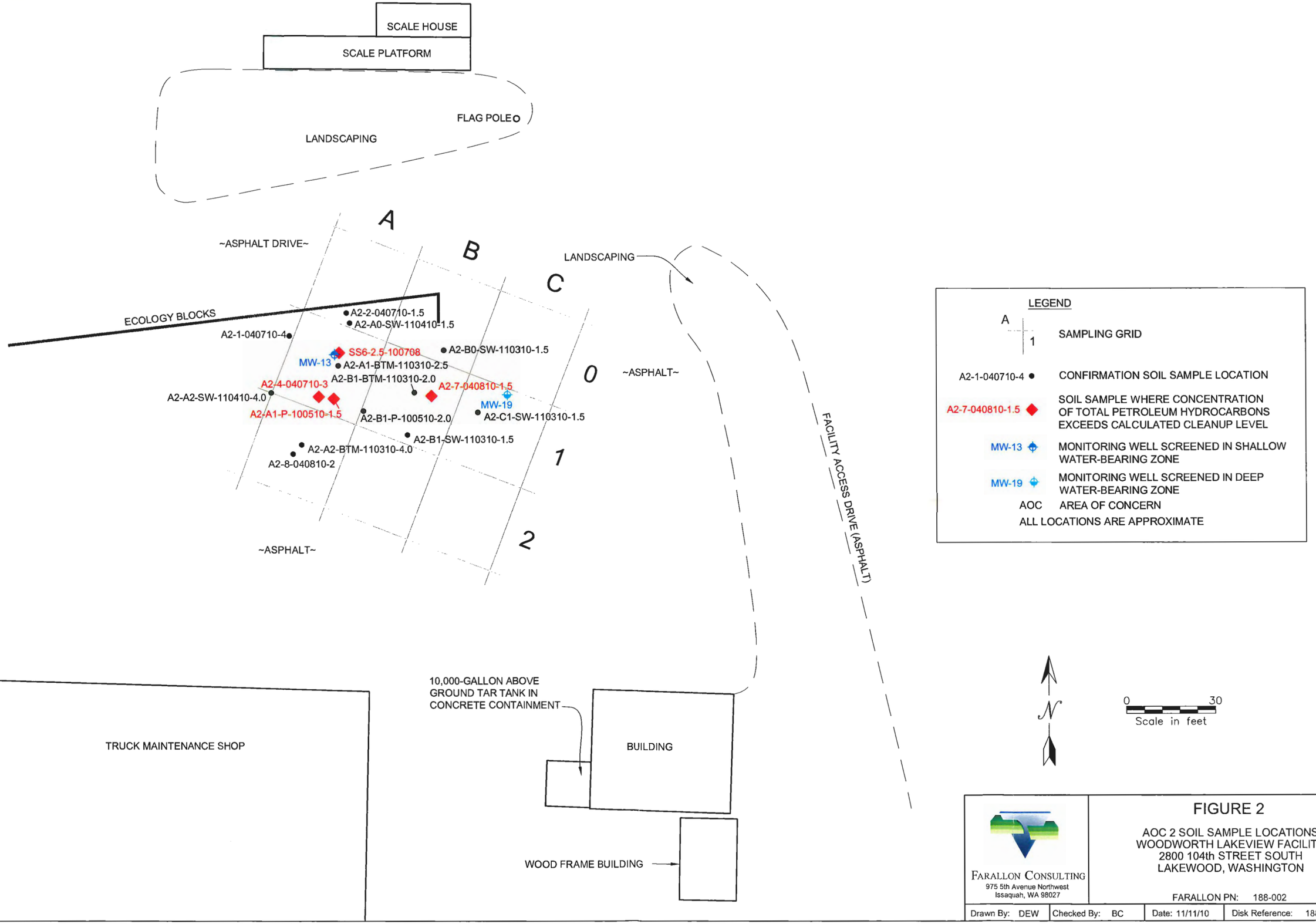

FIGURE 2

AOC 2 SOIL SAMPLE LOCATIONS
WOODWORTH LAKEVIEW FACILITY
2800 104th STREET SOUTH
LAKEWOOD, WASHINGTON

FARALLON PN: 188-002

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Drawn By:	Checked By:	Date:	Disk Reference:
DEW	BC	11/11/10	188002

A B C D E F

00 0 1 2 3 4 5

A3-A00-SW-100110-2.5
A3-C00-SW-110210-5.0
A3-D00-SW-092910-5.0
A3-E00-SW-110210-5.0
A3-B0-SW-092010-4.0
A3-D0-SW-102610-4.2
A3-D0-SW-102610-4.3
A3-C0-SW-092910-5.0
A3-D0-BTM-092910-5.5
A3-D0-SW-092910-4.5
A3-A0-SW-10010-2.8
A3-E0-SW-092910-5.0
A3-D0-SW-102610-4.4
A3-D0-SW-102610-4.5
A3-F1-SW-092310-5.0
A3-B1-SW-092010-4.0
A3-B1-BTM-092010-6.5
A3-C1-SW-092110-5.0
A3-C1-BTM-092110-6.5
A3-D1-SW-092110-5.0
A3-D1-BTM-092110-7.0
A3-B1-SW-102610-4.0
A3-E1-BTM-092210-9.0
A3-E1-P-092210-5.0
A3-A1-SW-100110-3.0
A3-2-040810-4.5
A3-C1-SW-102610-4.5
A3-B2-SW-092010-4.0
A3-B2-BTM-092010-6.5
A3-D2-SW-092110-5.0
A3-D2-BTM-092110-7.5
A3-E2-BTM-092210-8.0
A3-A2-SW-102810-5.5
A3-B2-P-100510-4.5
A3-C2-BTM-092110-8.0
A3-E2-SW-102610-5.0
A3-F2-SW-092310-5.5
A3-F2-BTM-092310-8.5
MW-24
A3-A2-SW-092010-4.0
A3-A2-BTM-092010-6.5
A3-1-040810-4
A3-3-040810-4.5
SS-12-4-093008
SS-12-8-093008
SS-12-16-093008
A3-D3-SW-102610-5.0
A3-D3-BTM-092110-10.0
A3-E3-SW-092210-6.0
A3-B3-SW-092210-5.0
A3-B3-BTM-092210-8.0
A3-C3-BTM-092210-8.0
A3-C3-P-100510-3.2
A3-5-040810-3.5
A3-B4-SW-102610-3.5
A3-4-040810-4
A3-B4-BTM-102810-6.0
A3-C4-SW-102610-4.5
A3-E4-SW-092210-5.0
A3-B4-SW-102610-4.0
A3-B4-SW-092110-5.0
A3-C4-BTM-092110-9.0
A3-D4-BTM-092110-9.0
A3-E5-SW-092210-5.5
A3-C5-SW-092210-5.0
A3-D5-SW-092110-6.0

SHED
SHED
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ASPHALT STRIP

LEGEND

A / 1 — SAMPLING GRID

A3-F2-SW-092310-5.5 — CONFIRMATION SOIL SAMPLE LOCATION

A3-2-040810-4.5 — SOIL SAMPLE WHERE CONCENTRATION OF TOTAL PETROLEUM HYDROCARBONS EXCEEDS CALCULATED CLEANUP LEVEL

MW-24 — MONITORING WELL SCREENED IN SHALLOW WATER-BEARING ZONE

AOC — AREA OF CONCERN

ALL LOCATIONS ARE APPROXIMATE

N

0 20
Scale in feet

FIGURE 3

AOC 3 SOIL SAMPLE LOCATIONS
WOODWORTH LAKEVIEW FACILITY
2800 104th STREET SOUTH
LAKEWOOD, WASHINGTON

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

FARALLON PN: 188-002

Drawn By: DEW	Checked By: BC	Date: 11/11/10	Disk Reference: 188002

TABLES

RISK-BASED CLEANUP LEVEL CALCULATION
FOR PETROLEUM-CONTAMINATED SOIL
Woodworth Lakeview Facility
Lakewood, Washington
VCP Project No: SW1012

Farallon PN: 188-002

14 total samples
31 Samples analysis
samples below MTCA RL

Table 2
Soil Analytical Results for Petroleum Hydrocarbons and BTEX in AOC 2
Woodworth Lakeview Facility
Lakewood, Washington
Farallon PN: 188-002

Sample Identification	Cell Identification	Sample Date	Depth (feet bgs)[1]	Analytical Results (milligrams per kilogram)							
				GRO[2]	DRO[3]	ORO[3]	Total Petroleum Hydrocarbons[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]
Area of Concern 2											
A2-A0-SW-110410-1.5	A-0	11/4/2010	1.5	—	150	570	720	—	—	—	—
SS6-2.5-100708	A-1	10/7/2008	2.5	<5.3	<880	**4,000**	**4,000**	<0.020	<0.053	<0.053	<0.106
A2-1-040710-4	A-1	4/7/2010	4.0	—	160	870	1,030	—	—	—	—
A2-2-040710-1.5	A-1	4/7/2010	1.5	—	470	1,600	2,070	—	—	—	—
A2-4-040710-3	A-1	4/7/2010	3.0	—	<1,300	**15,000**	**15,000**	—	—	—	—
A2-A1-P-100510-1.5	A-1	10/5/2010	1.5	—	<320	**3,900**	**3,900**	—	—	—	—
A2-A1-BTM-110310-2.5	A-1	11/3/2010	2.5	—	100	760	860	—	—	—	—
A2-8-040810-2	A-2	4/8/2010	2.0	—	<32	320	320	—	—	—	—
A2-A2-SW-110410-4.0	A-2	11/4/2010	4.0	—	110	600	710	—	—	—	—
A2-A2-BTM-110310-4.0	A-2	11/3/2010	4.0	—	<48	480	480	—	—	—	—
A2-B0-SW-110310-1.5	B-0	11/3/2010	1.5	—	120	630	750	—	—	—	—
A2-7-040810-1.5	B-1	4/8/2010	1.5	—	520	**4,200**	**4,720**	—	—	—	—
A2-B1-SW-110310-1.5	B-1	11/3/2010	1.5	—	<110	800	800	—	—	—	—
A2-B1-BTM-110310-2.0	B-1	11/3/2010	2.0	—	110	400	510	—	—	—	—
A2-B1-P-100510-2.0	B-2	10/5/2010	2.0	—	1,600	1,100	2,700	<0.020	<0.052	<0.052	<0.104
A2-C1-SW-110310-1.5	C-1	11/3/2010	1.5	—	180	820	1,000	—	—	—	—
MTCA Method A Cleanup Levels[6]				**100[7]**	**2,000**	**2,000**	**NC**	**0.03**	**7**	**6**	**9**
Calculated Method B Cleanup Levels[8]				**NC**	**NC**	**NC**	**3,699**	**NC**	**NC**	**NC**	**NC**

NOTES:

Results in **bold** denote concentrations exceed Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil cleanup levels (see footnote 6).

Results in cells with a heavy-line border denote concentrations exceed calculated Method B Soil cleanup levels (see footnote 7).

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

— = denotes sample not analyzed

[1] Depth in feet below ground surface (bgs).

[2] Analyzed by Northwest Method NWTPH-Gx.

[3] Analyzed by Northwest Method NWTPH-Dx.

[4] Sum of GRO, DRO, and ORO concentrations

[5] Analyzed by U.S. Environmental Protection Agency (EPA) Method 8260B.

[6] 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 November 2007.

[7] The cleanup level for GRO is without the presence of benzene.

[8] Method B Soil Cleanup Level for Unrestricted Land Uses, as calculated using *Workbook Tools for Calculating Soil and Ground Water Cleanup Levels under the MTCA, Revised December 2007.*

AOC = area of concern

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

NC= not calculated

Table 3
Soil Analytical Results for Petroleum Hydrocarbons and BTEX in AOC 3
Woodworth Lakeview Facility
Lakewood, Washington
Farallon PN: 188-002

Sample Identification	Cell Identification	Sample Date	Depth (feet bgs)[1]	Analytical Results (milligrams per kilogram)							
				GRO[3]	DRO[3]	ORO[3]	Total Petroleum Hydrocarbons[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]
Area of Concern 3											
A3-A00-SW-100110-2.5	A-00	10/1/2010	2.5	—	140	1,000	1,140	—	—	—	—
A3-A0-SW-100110-2.8	A-0	10/1/2010	2.8	—	310	660	970	—	—	—	—
A3-A1-SW-100110-3.0	A-1	10/1/2010	3.0	—	830	**2,300**	3,130	—	—	—	—
A3-A2-SW-092010-4.0	A-2	9/20/2010	4.0	—	390	240	630	—	—	—	—
A3-A2-SW-102810-5.5	A-2	10/28/2010	5.5	—	**3,000**	96	3,096	—	—	—	—
A3-A2-BTM-092010-6.5	A-2	9/20/2010	6.5	—	<29	<58	<87	—	—	—	—
A3-5-040810-3.5	A-3	4/8/2010	3.5	—	190	290	480	—	—	—	—
A3-B0-SW-092010-4.0	B-0	9/20/2010	4.0	—	<27	<54	<81	—	—	—	—
A3-2-040810-4.5	B-1	4/8/2010	4.5	—	770	**4,700**	**5,470**	—	—	—	—
A3-B1-SW-092010-4.0	B-1	9/20/2010	4.0	—	550	**2,100**	2,650	—	—	—	—
A3-B1-SW-102610-4.0	B-1	10/26/2010	4.0	—	**4,000**	**2,600**	**6,600**	—	—	—	—
A3-B1-BTM-092010-6.5	B-1	9/20/2010	6.5	—	<28	75	75	—	—	—	—
SS12-4-093008	B-2	9/30/2008	4.0	—	**2,300**	660	2,960	—	—	—	—
SS12-8-093008	B-2	9/30/2008	8.0	—	<27	<54	<81	—	—	—	—
SS12-16-093008	B-2	9/30/2008	16.0	—	<27	<54	<81	—	—	—	—
A3-1-040810-4	B-2	4/8/2010	4.0	—	1,400	**5,800**	**7,200**	—	—	—	—
A3-B2-P-100510-4.5	B-2	10/5/2010	4.5	—	**5,800**	**4,600**	**10,400**	<0.020	<0.070	<0.070	<0.092
A3-B2-SW-092010-4.0	B-2	9/20/2010	4.0	—	66	540	606	—	—	—	—
A3-B2-BTM-092010-6.5	B-2	9/20/2010	6.5	—	<28	<55	<83	—	—	—	—
A3-4-040810-4	B-3	4/8/2010	4.0	—	**3,200**	680	**3,880**	—	—	—	—
A3-B3-SW-092210-5.0	B-3	9/22/2010	5.0	—	290	1,200	1,490	—	—	—	—
A3-B3-BTM-092210-8.0	B-3	9/22/2010	8.0	—	31	100	131	—	—	—	—
A3-B4-SW-092110-5.0	B-4	9/21/2010	5.0	—	73	370	443	—	—	—	—
A3-B4-SW-102610-3.5	B-4	10/26/2010	3.5	—	**2,800**	480	3,280	—	—	—	—
A3-B4-SW-102610-4.0	B-4	10/26/2010	4.0	—	**1,800**	270	2,070	—	—	—	—
A3-B4-BTM-102810-6.0	B-4	10/28/2010	6.0	—	**3,100**	130	3,230	—	—	—	—
A3-C00-SW-110210-5.0	C-00	11/2/2010	5.0	—	<170	1,500	1,500	—	—	—	—
A3-C0-SW-092910-5.0	C-0	9/29/2010	5.0	—	<140	1,100	1,100	—	—	—	—
A3-C1-SW-092110-5.0	C-1	9/21/2010	5.0	—	<210	**3,100**	3,100	—	—	—	—
A3-C1-SW-102610-4.5	C-1	10/26/2010	4.5	—	1,000	320	1,320	—	—	—	—
A3-C1-BTM-092110-6.5	C-1	9/21/2010	6.5	—	<140	900	900	—	—	—	—
A3-3-040810-4.5	C-2	4/8/2010	4.5	—	**2,700**	780	3,480	—	—	—	—
A3-C2-BTM-092110-8.0	C-2	9/21/2010	8.0	—	64	180	244	—	—	—	—
A3-C3-P-100510-3.2	C-3	10/5/2010	3.2	—	1,000	1,000	2,000	—	—	—	—
A3-C3-BTM-092210-8.0	C-3	9/22/2010	8.0	—	<28	<55	<83	—	—	—	—
A3-C4-BTM-092110-9.0	C-4	9/21/2010	9.0	—	<28	83	83	—	—	—	—
A3-C4-SW-102610-4.5	C-4	10/26/2010	4.5	—	540	130	670	—	—	—	—
A3-C5-SW-092210-5.0	C-5	9/22/2010	5.0	—	270	780	1,050	—	—	—	—

Table 3
Soil Analytical Results for Petroleum Hydrocarbons and BTEX in AOC 3
Woodworth Lakeview Facility
Lakewood, Washington
Farallon PN: 188-002

Sample Identification	Cell Identification	Sample Date	Depth (feet bgs)[1]	Analytical Results (milligrams per kilogram)							
				GRO[3]	DRO[3]	ORO[3]	Total Petroleum Hydrocarbons[4]	Benzene[5]	Toluene[5]	Ethylbenzene[5]	Total Xylenes[5]
A3-D00-SW-092910-5.0	D-00	9/29/2010	5.0	—	140	1,100	1,240	—	—	—	—
A3-D0-SW-092910-4.5	D-0	9/29/2010	4.5	—	<390	**3,800**	**3,800**	—	—	—	—
A3-D0-SW-102610-4.5	D-0	10/26/2010	4.5	—	**7,600**	**9,800**	**17,400**	—	—	—	—
A3-D0-SW-102610-4.3	D-0	10/26/2010	4.3	—	350	**4,400**	**4,750**	—	—	—	—
A3-D0-SW-102610-4.2	D-0	10/26/2010	4.2	—	<830	**8,400**	**8,400**	—	—	—	—
A3-D0-SW-102610-4.4	D-0	10/26/2010	4.4	—	<160	**2,000**	2,000	—	—	—	—
A3-D0-BTM-092910-5.5	D-0	9/29/2010	5.5	—	170	**2,200**	2,370	—	—	—	—
A3-D1-SW-092110-5.0	D-1	9/21/2010	5.0	—	290	**2,500**	2,790	—	—	—	—
A3-D1-BTM-092110-7.0	D-1	9/21/2010	7.0	—	<28	84	84	—	—	—	—
A3-D2-SW-092110-5.0	D-2	9/21/2010	5.0	—	1,600	**4,200**	**5,800**	—	—	—	—
A3-D2-BTM-092110-7.5	D-2	9/21/2010	7.5	—	42	820	862	—	—	—	—
A3-D3-BTM-092110-10.0	D-3	9/21/2010	10.0	—	27	310	337	—	—	—	—
A3-D3-SW-102610-5.0	D-3	10/26/2010	5.0	—	**2,900**	410	3,310	—	—	—	—
A3-D4-BTM-092110-9.0	D-4	9/21/2010	9.0	—	<26	<53	<79	—	—	—	—
A3-D5-SW-092110-6.0	D-5	9/21/2010	6.0	—	120	1,200	1,320	—	—	—	—
A3-E00-SW-110210-5.0	E-00	11/2/2010	5.0	—	<58	540	540	—	—	—	—
A3-E0-SW-092910-5.0	E-0	9/29/2010	5.0	—	<150	1,700	1,700	—	—	—	—
A3-E1-P-092210-5.0	E-1	9/22/2010	5.0	—	**2,800**	530	3,330	<0.066	<0.33	0.066	0.31
A3-E1-BTM-092210-9.0	E-1	9/22/2010	9.0	—	32	<54	32	—	—	—	—
A3-E2-BTM-092210-8.0	E-2	9/22/2010	8.0	—	39	91	130	—	—	—	—
A3-E2-SW-102610-5.0	E-2	10/26/2010	5.0	—	610	**2,300**	2,910	—	—	—	—
A3-E3-SW-092210-6.0	E-3	9/22/2010	6.0	—	67	230	297	—	—	—	—
A3-E4-SW-092210-5.0	E-4	9/22/2010	5.0	—	180	720	900	—	—	—	—
A3-E5-SW-092210-5.5	E-5	9/22/2010	5.5	—	200	590	790	—	—	—	—
A3-F1-SW-092310-5.0	F-1	9/23/2010	5.0	—	980	1,300	2,280	—	—	—	—
A3-F2-SW-092310-5.5	F-2	9/23/2010	5.5	—	<28	<56	<84	—	—	—	—
A3-F2-BTM-092310-8.5	F-2	9/23/2010	8.5	—	<27	<54	<81	—	—	—	—
MTCA Method A Cleanup Levels[6]				**100[7]**	**2,000**	**2,000**	**NC**	**0.03**	**7**	**6**	**9**
Calculated Method B Cleanup Levels[8]				**NC**	**NC**	**NC**	**3,739**	**NC**	**NC**	**NC**	**NC**

NOTES:

Results in **bold** denote concentrations exceed Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil cleanup levels (see footnote 6).

Results in cells with a heavy-line border denote concentrations exceed calculated Method B Soil cleanup levels (see footnote 7).

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

— = denotes sample not analyzed

[1] Depth in feet below ground surface (bgs).

[2] Analyzed by Northwest Method NWTPH-Gx.

[3] Analyzed by Northwest Method NWTPH-Dx.

[4] Sum of GRO, DRO, and ORO concentrations

[5] Analyzed by U.S. Environmental Protection Agency (EPA) Method 8260B.

[6] 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 November 2007.

[7] The cleanup level for GRO is without the presence of benzene.

[8] Method B Soil Cleanup Level for Unrestricted Land Uses, as calculated using *Workbook Tools for Calculating Soil and Ground Water Cleanup Levels under the MTCA, Revised December 2007.*

AOC = area of concern

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

NC= not calculated

Table 4
Soil Analytical Results for Non-Carcinogenic Polycyclic Aromatic Hydrocarbons
Woodworth Lakeview Facility
Lakewood, Washington
Farallon PN: 188-002

Sample Identification	Area of Concern	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]										
				Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(g,h,i)perylene
A2-B1-P-100510-2.0	AOC 2	10/5/2010	2.0	<0.0071	0.018	0.043	0.016	0.025	0.10	0.21	0.024	0.020	0.023	0.012
A3-B2-P-100510-4.5	AOC 3	10/5/2010	4.5	0.88	9.7	7.6	0.20	0.57	1.6	3.1	0.27	0.13	0.28	<0.041
MTCA Method B Cleanup Levels[3]				**1,600**	**320**	**NR**	**NR**	**4,800**	**3,200**	**NR**	**24,000**	**3,200**	**2,400**	**NR**

NOTES:

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

[1] Depth in feet below ground surface.

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

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

AOC = area of concern

NR = research has not been conducted and no value exists in the Ecology database for this parameter

Table 5
Soil Analytical Results for Carcinogenic Polycyclic Aromatic Hydrocarbons
Woodworth Lakeview Facility
Lakewood, Washington
Farallon PN: 188-002

Sample Identification	Area of Concern	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)[2]							Total cPAHs TEC[3,4]
				Benzo(a)pyrene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	
A2-B1-P-100510-2.0	AOC 2	10/5/2010	2.0	0.0090	0.048	<0.0071	<0.0071	0.0088	0.0095	<0.0071	0.0124
A3-B2-P-100510-4.5	AOC 3	10/5/2010	4.5	<0.041	0.13	<0.041	<0.041	<0.041	<0.041	<0.041	0.0321
MTCA Method A Cleanup Level for Soil[5]											**0.1**

NOTES:

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

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

TEC = toxic equivalent concentration

[1]Depth in feet below ground surface.

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

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

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

[5]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised November 2007.

Table 6
Soil Analytical Results for Extractable Petroleum Hydrocarbons and Total Organic Carbon
Woodworth Lakeview Facility
Lakewood, Washington
Farallon PN: 188-002

Sample Identification	Area of Concern	Sample Date	Sample Depth (feet)[1]	Analytical Results (milligrams per kilogram)										(Percent Carbon)
				Extractable Petroleum Hydrocarbons[2]										Total Organic Carbon[3]
				Aliphatics					Aromatics					
				C8-C10	C10-C12	C12-C16	C16-C21	C21-C34	C8-C10	C10-C12	C12-C16	C16-C21	C21-C34	
A2-B1-P-100510-2.0	AOC 2	10/5/2010	2.0	<5.0	7.0	470	950	560	<5.0	<5.0	50	490	400	—
A3-B2-P-100510-4.5	AOC 3	10/5/2010	4.5	38	280	2,100	2,500	3,100	8.0	57	580	1400	670	—
A3-C3-BTM-092210-8.0	AOC 3	9/22/2010	8.0	—	—	—	—	—	—	—	—	—	—	<0.042

NOTES:

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

— = denotes sample not analyzed

AOC = area of concern

[1] Depth in feet below ground surface.

[2] Analyzed by Northwest Method NWTPH-EPH.

[3] Analyzed by U.S. Environmental Protection Agency Method 9060.

ATTACHMENT A
BORING LOG

RISK-BASED CLEANUP LEVEL CALCULATION
FOR PETROLEUM-CONTAMINATED SOIL
Woodworth Lakeview Facility
Lakewood, Washington
VCP Project No: SW1012

Farallon PN: 188-002

FARALLON consulting
975 5th Avenue Northwest
Issaquah, Washington 98027

Log of Boring: MW-24

Client: Woodworth Capital, Inc.
Project: Woodworth Lakeview Facility
Location: Lakewood, Washington

Farallon PN: 188-002

Logged By: J. Peterson

Date/Time Started:	10/05/10 0830	**Sampler Type:**	Macrocore
Date/Time Completed:	10/05/10 1045	**Drive Hammer (lbs.):**	Auto
Equipment:	Power Probe	**Depth of Water ATD (ft bgs):**	Rose to 4' bgs
Drilling Company:	ESN-NW	**Total Boring Depth (ft bgs):**	7.5
Drilling Foreman:	Noel	**Total Well Depth (ft bgs):**	7.5
Drilling Method:	Direct Push		

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-3.5': Sandy gravel, fine gravel, fine sand, no odor (overburden removed)	GP							
		3.5-6.5': Silty sand with gravel (45% sand, 20% silt, 35% gravel), fine to medium sand, fine to coarse gravel, gray, moist to wet, petroleum-like odor, asphalt debris.	SM							Cap Concrete; Bentonite Seal; Sand Pack
5		6.5-7.5': Silty gravel (50% gravel, 30%silt, 20% sand), fine to coarse gravel, fine sand, gray to tan, odor and stain decreasing with depth, gone by 7.5' bgs.	GM							0.75-Inch Diameter 0.010-Slot Screen

Well Construction Information

Monument Type: Flush Mount
Casing Diameter (inches): 3/4 inch
Screen Slot Size (inches): 0.01
Screened Interval (ft bgs): 5.5-7.5

Filter Pack: 2-12
Surface Seal: Concrete
Annular Seal: Bentonite

Ground Surface Elevation (ft): NA
Top of Casing Elevation (ft): NA
Boring Abandonment: NA
Surveyed Location: X: NA Y: NA

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

RISK-BASED CLEANUP LEVEL CALCULATION
FOR PETROLEUM-CONTAMINATED SOIL
Woodworth Lakeview Facility
Lakewood, Washington
VCP Project No: SW1012

Farallon PN: 188-002

Date of Report: November 8, 2010
Samples Submitted: November 5, 2010
Laboratory Reference: 1011-054
Project: 188-002

Case Narrative

Samples were collected on November 4, 2010 and received by the laboratory on November 5, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: November 8, 2010
Samples Submitted: November 5, 2010
Laboratory Reference: 1011-054
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A2-A2-SW-110410-4.0**					
Laboratory ID:	11-054-02					
Diesel Range Organics	**110**	27	NWTPH-Dx	11-5-10	11-5-10	N
Lube Oil	**600**	53	NWTPH-Dx	11-5-10	11-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**A2-A0-SW-110410-1.5**					
Laboratory ID:	11-054-04					
Diesel Range Organics	**150**	27	NWTPH-Dx	11-5-10	11-5-10	N
Lube Oil	**570**	53	NWTPH-Dx	11-5-10	11-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*121*	*50-150*				

Date of Report: November 8, 2010
Samples Submitted: November 5, 2010
Laboratory Reference: 1011-054
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1105S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	11-5-10	11-5-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	11-5-10	11-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terpheny/	*108*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	11-045-03						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terpheny/			*88* *93*	*50-150*			

Date of Report: November 8, 2010
Samples Submitted: November 5, 2010
Laboratory Reference: 1011-054
Project: 188-002

% MOISTURE

Date Analyzed: 11-5-10

Client ID	Lab ID	% Moisture
A2-A2-SW-110410-4.0	11-054-02	6
A2-A0-SW-110410-1.5	11-054-04	6

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth
Project Manager: Brani Surista
Sampled by: Jon Peterson

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

Laboratory Number: 11-054

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	SemiVolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	A2-C1-BTM-110410-2.0	11-4-10	900	Soil	1																X DP
2	A2-A2-SW-110410-4.0		930	Soil	1				X												X
3	A2-A1-SW-110410-2.5		1000	Soil	1																X DP
4	A2-A0-SW-110410-1.5		1030	Soil	1				X												X

Received Erlden 11/4/10

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Farallon	11-5-10	0804	
Received		OSE	11.5.10	8:04A	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

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

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

November 5, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1011-040

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on November 4, 2010.

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: November 5, 2010
Samples Submitted: November 4, 2010
Laboratory Reference: 1011-040
Project: 188-002

Case Narrative

Samples were collected on November 3, 2010 and received by the laboratory on November 4, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: November 5, 2010
Samples Submitted: November 4, 2010
Laboratory Reference: 1011-040
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A2-B0-SW-110310-1.5**					
Laboratory ID:	11-040-01					
Diesel Range Organics	**120**	27	NWTPH-Dx	11-4-10	11-4-10	N
Lube Oil	**630**	53	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*118*	*50-150*				
Client ID:	**A2-C1-SW-110310-1.5**					
Laboratory ID:	11-040-02					
Diesel Range Organics	**180**	27	NWTPH-Dx	11-4-10	11-4-10	N
Lube Oil	**820**	53	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**A2-B1-SW-110310-1.5**					
Laboratory ID:	11-040-03					
Diesel Range Organics	**ND**	110	NWTPH-Dx	11-4-10	11-4-10	U1
Lube Oil	**800**	56	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**A2-A2-BTM-110310-4.0**					
Laboratory ID:	11-040-04					
Diesel Range Organics	**ND**	48	NWTPH-Dx	11-4-10	11-4-10	U1
Lube Oil	**480**	53	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*115*	*50-150*				
Client ID:	**A2-A1-BTM-110310-2.5**					
Laboratory ID:	11-040-05					
Diesel Range Organics	**100**	27	NWTPH-Dx	11-4-10	11-4-10	N
Lube Oil	**760**	54	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*116*	*50-150*				
Client ID:	**A2-B1-BTM-110310-2.0**					
Laboratory ID:	11-040-06					
Diesel Range Organics	**110**	27	NWTPH-Dx	11-4-10	11-4-10	N
Lube Oil	**400**	53	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*115*	*50-150*				

Date of Report: November 5, 2010
Samples Submitted: November 4, 2010
Laboratory Reference: 1011-040
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1104S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	11-4-10	11-4-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	11-4-10	11-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*119*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	11-035-03						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*111* *107*	*50-150*			

Date of Report: November 5, 2010
Samples Submitted: November 4, 2010
Laboratory Reference: 1011-040
Project: 188-002

% MOISTURE

Date Analyzed: 11-4-10

Client ID	Lab ID	% Moisture
A2-B0-SW-110310-1.5	11-040-01	6
A2-C1-SW-110310-1.5	11-040-02	6
A2-B1-SW-110310-1.5	11-040-03	10
A2-A2-BTM-110310-4.0	11-040-04	6
A2-A1- BTM-110310-2.5	11-040-05	7
A2-B1- BTM-110310-2.0	11-040-06	6

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

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

Company: Farallon
Project Number: 164002
Project Name: Woodworth Lakeview
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 11-040

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	A2-B0-SW-110310-1.5	11-3-10	1100	soil	1				X												X
2	A2-C1_SW_110310-1.5		1130		1				X												
3	A2-B1-SW-110310-1.5		1200		1				X												
4	A2-A2-BTM-110310-4.0		1300		1				X												
5	A2-A1-BTM-110310-2.5		1330		1				X												
6	A2-B1-BTM-110310-2.0		1400		1				X												

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Farallon	11-3-10		
Received		CRS	11/4/10	835	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

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

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

November 4, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1011-010

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on November 2, 2010.

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: November 4, 2010
Samples Submitted: November 2, 2010
Laboratory Reference: 1011-010
Project: 188-002

Case Narrative

Samples were collected on November 2, 2010 and received by the laboratory on November 2, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: November 4, 2010
Samples Submitted: November 2, 2010
Laboratory Reference: 1011-010
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-C00-SW-110210-5.0**					
Laboratory ID:	11-010-01					
Diesel Range Organics	**ND**	170	NWTPH-Dx	11-3-10	11-3-10	U1
Lube Oil	**1500**	280	NWTPH-Dx	11-3-10	11-3-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*118*	*50-150*				
Client ID:	**A3-E00-SW-110210-5.0**					
Laboratory ID:	11-010-02					
Diesel Range Organics	**ND**	58	NWTPH-Dx	11-3-10	11-3-10	U1
Lube Oil	**540**	56	NWTPH-Dx	11-3-10	11-3-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*111*	*50-150*				

Date of Report: November 4, 2010
Samples Submitted: November 2, 2010
Laboratory Reference: 1011-010
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1103S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	11-3-10	11-3-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	11-3-10	11-3-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*121*	*50-150*				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-248-02							
	ORIG	DUP						
Diesel Range Organics	**ND**	**ND**				NA	NA	U1
Lube Oil	**257**	**245**				5	NA	
Surrogate:								
o-Terphenyl			*103*	*101*	*50-150*			

Date of Report: November 4, 2010
Samples Submitted: November 2, 2010
Laboratory Reference: 1011-010
Project: 188-002

% MOISTURE

Date Analyzed: 11-3-10

Client ID	Lab ID	% Moisture
A3-C00-SW-110210-5.0	11-010-01	9
A3-E00-SW-110210-5.0	11-010-02	10

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

November 1, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1010-254

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on October 28, 2010.

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: November 1, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-254
Project: 188-002

Case Narrative

Samples were collected on October 28, 2010 and received by the laboratory on October 28, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: November 1, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-254
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-A2-SW-102810-5.5**					
Laboratory ID:	10-254-01					
Diesel Fuel #2	**3000**	29	NWTPH-Dx	10-29-10	10-29-10	
Lube Oil	**96**	57	NWTPH-Dx	10-29-10	10-29-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				
Client ID:	**A3-B4-BTM-102810-6.0**					
Laboratory ID:	10-254-02					
Diesel Fuel #2	**3100**	28	NWTPH-Dx	10-29-10	10-29-10	
Lube Oil	**130**	55	NWTPH-Dx	10-29-10	10-29-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Date of Report: November 1, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-254
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1029S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-29-10	10-29-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-29-10	10-29-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-254-01							
	ORIG	DUP						
Diesel Fuel #2	**2590**	**2520**				3	NA	
Lube Oil	**84.2**	**84.6**				0	NA	
Surrogate:								
o-Terphenyl			*84*	*109*	*50-150*			

Date of Report: November 1, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-254
Project: 188-002

% MOISTURE

Date Analyzed: 10-29-10

Client ID	Lab ID	% Moisture
A3-A2-SW-102810-5.5	10-254-01	13
A3-B4-BTM-102810-6.0	10-254-02	9

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Laboratory Number: 10-254

Company: Farallon Consulting
Project Number: 188 002
Project Name: Woodworth Capital
Project Manager: Brani Jurista
Sampled by: Jon Peterson

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	A3-A2-SW-102810-5.5	10-28-10	1130	Soil					X												X
2	A3-B4-BTM-102810-6.0	10-28-10	1200	Soil					X												X

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Farallon	10-28-10	1423	
Received		CSE	10/28/10	1620	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

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

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

October 28, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1010-214

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on October 26, 2010.

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: October 28, 2010
Samples Submitted: October 26, 2010
Laboratory Reference: 1010-214
Project: 188-002

Case Narrative

Samples were collected on October 26, 2010 and received by the laboratory on October 26, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 28, 2010
Samples Submitted: October 26, 2010
Laboratory Reference: 1010-214
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-DO-SW-102610-4.5**					
Laboratory ID:	10-214-01					
Diesel Fuel #2	**7600**	140	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**9800**	270	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*125*	*50-150*				
Client ID:	**A3-DO-SW-102610-4.3**					
Laboratory ID:	10-214-02					
Diesel Range Organics	**350**	140	NWTPH-Dx	10-27-10	10-27-10	N
Lube Oil	**4400**	280	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*122*	*50-150*				
Client ID:	**A3-DO-SW-102610-4.2**					
Laboratory ID:	10-214-03					
Diesel Range Organics	**ND**	830	NWTPH-Dx	10-27-10	10-27-10	U1
Lube Oil	**8400**	280	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*120*	*50-150*				
Client ID:	**A3-DO-SW-102610-4.4**					
Laboratory ID:	10-214-04					
Diesel Range Organics	**ND**	160	NWTPH-Dx	10-27-10	10-27-10	U1
Lube Oil	**2000**	280	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**A3-B1-SW-102610-4.0**					
Laboratory ID:	10-214-06					
Diesel Fuel #2	**4000**	150	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**2600**	300	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*115*	*50-150*				
Client ID:	**A3-B4-SW-102610-3.5**					
Laboratory ID:	10-214-07					
Diesel Fuel #2	**2800**	29	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**480**	58	NWTPH-Dx	10-27-10	10-27-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*144*	*50-150*				

Date of Report: October 28, 2010
Samples Submitted: October 26, 2010
Laboratory Reference: 1010-214
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B4-SW-102610-4.0**					
Laboratory ID:	10-214-08					
Diesel Fuel #2	**1800**	30	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**270**	61	NWTPH-Dx	10-27-10	10-27-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*122*	*50-150*				
Client ID:	**A3-C4-SW-102610-4.5**					
Laboratory ID:	10-214-09					
Diesel Fuel #2	**540**	30	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**130**	60	NWTPH-Dx	10-27-10	10-27-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**A3-D3-SW-102610-5.0**					
Laboratory ID:	10-214-10					
Diesel Fuel #2	**2900**	30	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**410**	61	NWTPH-Dx	10-27-10	10-27-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*148*	*50-150*				
Client ID:	**A3-E2-SW-102610-5.0**					
Laboratory ID:	10-214-11					
Diesel Fuel #2	**610**	140	NWTPH-Dx	10-27-10	10-27-10	N
Lube Oil	**2300**	270	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*125*	*50-150*				
Client ID:	**A3-C1-SW-102610-4:5**					
Laboratory ID:	10-214-12					
Diesel Fuel #2	**1000**	29	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil	**320**	59	NWTPH-Dx	10-27-10	10-27-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*120*	*50-150*				

Date of Report: October 28, 2010
Samples Submitted: October 26, 2010
Laboratory Reference: 1010-214
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1027S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-27-10	10-27-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-27-10	10-27-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*116*	*50-150*				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-214-07							
	ORIG	DUP						
Diesel Fuel #2	**2440**	**2240**				9	NA	
Lube Oil	**418**	**370**				12	NA	
Surrogate:								
o-Terphenyl			*144*	*139*	*50-150*			
Laboratory ID:	10-217-03							
	ORIG	DUP						
Diesel Range Organics	**41.4**	**29.4**				34	NA	
Lube Oil Range Organics	**ND**	**ND**				NA	NA	
Surrogate:								
o-Terphenyl			*102*	*102*	*50-150*			

Date of Report: October 28, 2010
Samples Submitted: October 26, 2010
Laboratory Reference: 1010-214
Project: 188-002

% MOISTURE

Date Analyzed: 10-27-10

Client ID	Lab ID	% Moisture
A3-D0-SW-102610-4.5	10-214-01	8
A3-D0-SW-102610-4.3	10-214-02	9
A3-D0-SW-102610-4.2	10-214-03	10
A3-D0-SW-102610-4.4	10-214-04	10
A3-B1-SW-102610-3.0	10-214-06	16
A3-B4-SW-102610-4.0	10-214-07	13
A3-B4-SW-102610-3.5	10-214-08	18
A3-C4-SW-102610-4.0	10-214-09	16
A3-D3-SW-102610-4.5	10-214-10	17
A3-E2-SW-102610-5.0	10-214-11	9
A3-C1-SW-102610-4.5	10-214-12	15

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth Capital
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 10-214

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	A3-D0-SW-102610-4.5	10-26-10	830	soil	1				X												X
2	A3-D0-SW-102610-4.3		840		1				X												
3	A3-D0-SW-102610-4.2		850		1				X												
4	A3-D0-SW-102610-4.4		900		1				X												
5	A3-B0-SW-102610-3.0		930		1				hold												
6	A3-B1-SW-102610-4.0		940		1				X												X
7	A3-B4-SW-102610-3.5		950		1				X												
8	A3-B4-SW-102610-4.0		1000		1				X												
9	A3-C4-SW-102610-4.5		1010		1				X												
10	A3-D3-SW-102610 5.0		1330		1				X												

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Farallon	10-26-10	1555	
Received		ORS	10/26/10	1555	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

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

Chain of Custody

Page 2 of 2

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

Laboratory Number: 10-214

Company: Farallon
Project Number: 188002
Project Name: Woodworth
Project Manager: Brani
Sampled by: Jon

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	A3-E2-SW-102610-5.0	10-26-10	1340	Soil	1				X												X
12	A3-E1-SW-102610-4.5	10-26-10	1350	Soil	↓				X												(

	Signature	Company	Date	Time
Relinquished		Farallon	10-26-10	1555
Received		ODE	10/26/10	1555
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

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

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

October 15, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1010-029B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2010.

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: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

Case Narrative

Samples were collected on October 5, 2010 and received by the laboratory on October 5, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

PAHs EPA 8270D/SIM Analysis

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

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

Date of Report: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

PAHs by EPA 8270D/SIM
(with silica gel clean-up)

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B2-P-100510-4.5**					
Laboratory ID:	10-029-02					
Naphthalene	**0.88**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
2-Methylnaphthalene	**9.7**	0.081	EPA 8270/SIM	10-8-10	10-11-10	
1-Methylnaphthalene	**7.6**	0.081	EPA 8270/SIM	10-8-10	10-11-10	
Acenaphthylene	**0.20**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Acenaphthene	**0.57**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Fluorene	**1.6**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Phenanthrene	**3.1**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Anthracene	**0.27**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Fluoranthene	**0.13**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Pyrene	**0.28**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[a]anthracene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Chrysene	**0.13**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[b]fluoranthene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[k]fluoranthene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[a]pyrene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Indeno(1,2,3-c,d)pyrene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Dibenz[a,h]anthracene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[g,h,i]perylene	**ND**	0.041	EPA 8270/SIM	10-8-10	10-8-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*45 - 101*				
Pyrene-d10	*114*	*52 - 118*				
Terphenyl-d14	*92*	*41 - 106*				

Date of Report: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

PAHs by EPA 8270D/SIM
(with silica gel clean-up)

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A2-B1-P-100510-2.0**					
Laboratory ID:	10-029-05					
Naphthalene	**ND**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
2-Methylnaphthalene	**0.018**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
1-Methylnaphthalene	**0.043**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Acenaphthylene	**0.016**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Acenaphthene	**0.025**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Fluorene	**0.10**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Phenanthrene	**0.21**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Anthracene	**0.024**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Fluoranthene	**0.020**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Pyrene	**0.023**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Benzo[a]anthracene	**0.0088**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Chrysene	**0.048**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Benzo[b]fluoranthene	**0.0095**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Benzo[k]fluoranthene	**ND**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Benzo[a]pyrene	**0.0090**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Dibenz[a,h]anthracene	**ND**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Benzo[g,h,i]perylene	**0.012**	0.0071	EPA 8270/SIM	10-8-10	10-11-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*45 - 101*				
Pyrene-d10	*84*	*52 - 118*				
Terphenyl-d14	*105*	*41 - 106*				

Date of Report: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

PAHs by EPA 8270D/SIM
(with silica gel clean-up)
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1008S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Fluorene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Anthracene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Pyrene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Chrysene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[k]fluoranthene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	10-8-10	10-8-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*93*	*45 - 101*				
Pyrene-d10	*97*	*52 - 118*				
Terphenyl-d14	*110*	*41 - 106*				Q

Date of Report: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

PAHs by EPA 8270D/SIM
(with silica gel clean-up)
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-038-07										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0661**	**0.0647**	0.0833	0.0833	ND	79	78	31 - 115	2	19	
Acenaphthylene	**0.0731**	**0.0731**	0.0833	0.0833	ND	88	88	40 - 134	0	22	
Acenaphthene	**0.0751**	**0.0755**	0.0833	0.0833	ND	90	91	48 - 118	1	17	
Fluorene	**0.0775**	**0.0779**	0.0833	0.0833	ND	93	94	54 - 122	1	16	
Phenanthrene	**0.0774**	**0.0761**	0.0833	0.0833	ND	93	91	46 - 123	2	19	
Anthracene	**0.0735**	**0.0738**	0.0833	0.0833	ND	88	89	53 - 123	0	27	
Fluoranthene	**0.0772**	**0.0760**	0.0833	0.0833	ND	93	91	47 - 132	2	26	
Pyrene	**0.0822**	**0.0800**	0.0833	0.0833	ND	99	96	41 - 137	3	25	
Benzo[a]anthracene	**0.0744**	**0.0747**	0.0833	0.0833	ND	89	90	43 - 132	0	26	
Chrysene	**0.0759**	**0.0765**	0.0833	0.0833	ND	91	92	46 - 126	1	24	
Benzo[b]fluoranthene	**0.0751**	**0.0779**	0.0833	0.0833	ND	90	94	44 - 134	4	24	
Benzo[k]fluoranthene	**0.0786**	**0.0759**	0.0833	0.0833	ND	94	91	45 - 132	3	20	
Benzo[a]pyrene	**0.0746**	**0.0742**	0.0833	0.0833	ND	90	89	36 - 136	1	23	
Indeno(1,2,3-c,d)pyrene	**0.0762**	**0.0759**	0.0833	0.0833	ND	91	91	40 - 136	0	16	
Dibenz[a,h]anthracene	**0.0782**	**0.0777**	0.0833	0.0833	ND	94	93	40 - 142	1	13	
Benzo[g,h,i]perylene	**0.0749**	**0.0744**	0.0833	0.0833	ND	90	89	37 - 137	1	18	
Surrogate:											
2-Fluorobiphenyl						*85*	*85*	*45 - 101*			
Pyrene-d10						*95*	*96*	*52 - 118*			
Terphenyl-d14						*98*	*98*	*41 - 106*			

Date of Report: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

BTEX
EPA 8021B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B2-P-100510-4.5**					
Laboratory ID:	10-029-02					
Benzene	**ND**	0.020	EPA 8021	10-12-10	10-12-10	
Toluene	**ND**	0.070	EPA 8021	10-12-10	10-12-10	
Ethyl Benzene	**ND**	0.070	EPA 8021	10-12-10	10-12-10	
m,p-Xylene	**0.092**	0.070	EPA 8021	10-12-10	10-12-10	
o-Xylene	**ND**	0.070	EPA 8021	10-12-10	10-12-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*55-127*				
Client ID:	**A2-B1-P-100510-2.0**					
Laboratory ID:	10-029-05					
Benzene	**ND**	0.020	EPA 8021	10-12-10	10-12-10	
Toluene	**ND**	0.052	EPA 8021	10-12-10	10-12-10	
Ethyl Benzene	**ND**	0.052	EPA 8021	10-12-10	10-12-10	
m,p-Xylene	**ND**	0.052	EPA 8021	10-12-10	10-12-10	
o-Xylene	**ND**	0.052	EPA 8021	10-12-10	10-12-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*55-127*				

Date of Report: October 15, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029B
Project: 188-002

BTEX
EPA 8021B
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1012S1					
Benzene	**ND**	0.020	EPA 8021	10-12-10	10-12-10	
Toluene	**ND**	0.050	EPA 8021	10-12-10	10-12-10	
Ethyl Benzene	**ND**	0.050	EPA 8021	10-12-10	10-12-10	
m,p-Xylene	**ND**	0.050	EPA 8021	10-12-10	10-12-10	
o-Xylene	**ND**	0.050	EPA 8021	10-12-10	10-12-10	
Gasoline	**ND**	5.0	NWTPH-Gx	10-12-10	10-12-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*55-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-098-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*95*	*98*	*55-127*			

SPIKE BLANKS										
Laboratory ID:	SB1012S1									
	SB	SBD	SB	SBD		SB	SBD			
Benzene	**0.849**	**0.864**	1.00	1.00		**85**	**86**	75-113	2	9
Toluene	**0.910**	**0.897**	1.00	1.00		**91**	**90**	75-116	1	10
Ethyl Benzene	**0.945**	**0.947**	1.00	1.00		**95**	**95**	82-117	0	10
m,p-Xylene	**0.984**	**0.963**	1.00	1.00		**98**	**96**	81-122	2	10
o-Xylene	**0.967**	**0.964**	1.00	1.00		**97**	**96**	83-118	0	10
Surrogate:										
Fluorobenzene						*89*	*89*	*55-127*		

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	OnSite Environmental Inc. 14648 NE 95th Street Redmond, WA 98052	DATE: ALS JOB#: CLIENT PROJECT:	10/15/2010 1010047 Lab Ref #10-029 / Proj #188-002
CLIENT CONTACT:	Dave Baumeister	DATE RECEIVED:	10/8/2010
CLIENT SAMPLE ID	A3-B2-P-100510-4.5	COLLECTION DATE:	10/5/2010
ALS SAMPLE#:	-01	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
>C8-C10 Aliphatics	NWEPH	**38**	5.0	1	MG/KG	10/13/2010	EBS
>C10-C12 Aliphatics	NWEPH	**280**	5.0	1	MG/KG	10/13/2010	EBS
>C12-C16 Aliphatics	NWEPH	**2100**	5.0	1	MG/KG	10/13/2010	EBS
>C16-C21 Aliphatics	NWEPH	**2500**	5.0	1	MG/KG	10/13/2010	EBS
>C21-C34 Aliphatics	NWEPH	**3100**	5.0	1	MG/KG	10/13/2010	EBS
>C8-C10 Aromatics	NWEPH	**8.0**	5.0	1	MG/KG	10/13/2010	EBS
>C10-C12 Aromatics	NWEPH	**57**	5.0	1	MG/KG	10/13/2010	EBS
>C12-C16 Aromatics	NWEPH	**580**	5.0	1	MG/KG	10/13/2010	EBS
>C16-C21 Aromatics	NWEPH	**1400**	5.0	1	MG/KG	10/13/2010	EBS
>C21-C34 Aromatics	NWEPH	**670**	5.0	1	MG/KG	10/13/2010	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWEPH	**103**	10/13/2010	EBS
p-Terphenyl	NWEPH	**87.0**	10/13/2010	EBS

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	OnSite Environmental Inc. 14648 NE 95th Street Redmond, WA 98052	DATE: ALS JOB#: CLIENT PROJECT:	10/15/2010 1010047 Lab Ref #10-029 / Proj #188-002
CLIENT CONTACT:	Dave Baumeister	DATE RECEIVED:	10/8/2010
CLIENT SAMPLE ID	A2-B1-P-100510-2.0	COLLECTION DATE:	10/5/2010
ALS SAMPLE#:	-02	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
>C8-C10 Aliphatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C10-C12 Aliphatics	NWEPH	**7.0**	5.0	1	MG/KG	10/13/2010	EBS
>C12-C16 Aliphatics	NWEPH	**470**	5.0	1	MG/KG	10/13/2010	EBS
>C16-C21 Aliphatics	NWEPH	**950**	5.0	1	MG/KG	10/13/2010	EBS
>C21-C34 Aliphatics	NWEPH	**560**	5.0	1	MG/KG	10/13/2010	EBS
>C8-C10 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C10-C12 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C12-C16 Aromatics	NWEPH	**50**	5.0	1	MG/KG	10/13/2010	EBS
>C16-C21 Aromatics	NWEPH	**490**	5.0	1	MG/KG	10/13/2010	EBS
>C21-C34 Aromatics	NWEPH	**400**	5.0	1	MG/KG	10/13/2010	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWEPH	**81.0**	10/13/2010	EBS
p-Terphenyl	NWEPH	**83.0**	10/13/2010	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	OnSite Environmental Inc. 14648 NE 95th Street Redmond, WA 98052	DATE: ALS JOB#: CLIENT PROJECT:	10/15/2010 1010047 Lab Ref #10-029 / Proj #188-002
CLIENT CONTACT:	Dave Baumeister	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS

MBLK-10132010

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
>C8-C10 Aliphatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C10-C12 Aliphatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C12-C16 Aliphatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C16-C21 Aliphatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C21-C34 Aliphatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C8-C10 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C10-C12 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C12-C16 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C16-C21 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS
>C21-C34 Aromatics	NWEPH	U	5.0	1	MG/KG	10/13/2010	EBS

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	OnSite Environmental Inc. 14648 NE 95th Street Redmond, WA 98052	DATE: ALS JOB#: CLIENT PROJECT:	10/15/2010 1010047 Lab Ref #10-029 / Proj #188-002
CLIENT CONTACT:	Dave Baumeister	WDOE ACCREDITATION:	C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: R71008

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
>C8-C10 Aliphatics - BS	NWEPH	82.0			10/13/2010	EBS
>C8-C10 Aliphatics - BSD	NWEPH	86.0	4		10/13/2010	EBS
>C10-C12 Aliphatics - BS	NWEPH	84.0			10/13/2010	EBS
>C10-C12 Aliphatics - BSD	NWEPH	88.0	4		10/13/2010	EBS
>C12-C16 Aliphatics - BS	NWEPH	87.0			10/13/2010	EBS
>C12-C16 Aliphatics - BSD	NWEPH	90.0	3		10/13/2010	EBS
>C16-C21 Aliphatics - BS	NWEPH	89.0			10/13/2010	EBS
>C16-C21 Aliphatics - BSD	NWEPH	90.0	1		10/13/2010	EBS
>C21-C34 Aliphatics - BS	NWEPH	100			10/13/2010	EBS
>C21-C34 Aliphatics - BSD	NWEPH	104	3		10/13/2010	EBS
>C8-C10 Aromatics - BS	NWEPH	77.0			10/13/2010	EBS
>C8-C10 Aromatics - BSD	NWEPH	80.0	3		10/13/2010	EBS
>C10-C12 Aromatics - BS	NWEPH	83.0			10/13/2010	EBS
>C10-C12 Aromatics - BSD	NWEPH	85.0	2		10/13/2010	EBS
>C12-C16 Aromatics - BS	NWEPH	86.0			10/13/2010	EBS
>C12-C16 Aromatics - BSD	NWEPH	86.0	0		10/13/2010	EBS
>C16-C21 Aromatics - BS	NWEPH	89.0			10/13/2010	EBS
>C16-C21 Aromatics - BSD	NWEPH	87.0	2		10/13/2010	EBS
>C21-C34 Aromatics - BS	NWEPH	84.0			10/13/2010	EBS
>C21-C34 Aromatics - BSD	NWEPH	82.0	2		10/13/2010	EBS

APPROVED BY:

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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~~1010046~~
1010047

Page 1 of 1

OnSite Environmental Inc.

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

Subcontract Laboratory: ALS

Contact Person:

Address:

Phone Number:

Date/Time:

Turnaround Request:

1 Day 2 Day 3 Day

Standard

Other: 5 Day

Laboratory Reference #: 10-029

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 188-002

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analysis
2	A3-B2-P-100510-4.5	10/5/10		S	1	EPH
5	A2-B1-P-100510-2.0	"		"	"	"

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	10/8/10	1000	
Received by:		FEDEX	10/8/10	1000	
Relinquished by:		SPEEDY	10/9/10	1042	
Received by:	Shawn Rasmussen	ALS	10/8/10	10:42	
Relinquished by:					
Received by:					

Chain of Custody

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

Page 1 of 1

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth Capital
Project Manager: Brani Juricta
Sampled by: Jon P.

Turnaround Request (in working days)

(Check One)

☐ Same Day ☒ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ ~~☒ Friday~~ (other)

Laboratory Number: 10-029

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	EDB	~~EDC~~ BTEX	% Moisture
1	MW24-Recon-7.5	10/05/10	1100	Water	2			hold													
2	A3-B2-P-100510-4.5		1130	Soil	3			X				(X)							(X)	(X)	X
3	A3-C4-P-100510-5.5		1140	Soil	3			hold													
4	A3-C3-P-100510-3.2		1150	Soil	4			X													X
5	A2-B1-P-100510-2.0		1200	Soil	3			X				(X)							(X)	(X)	↓
6	A2-A1-P-100510-1.5	↓	1210	Soil	3			X													↓

	Signature	Company	Date	Time
Relinquished by		Farallon	10-5-10	1415
Received by			10/5/10	1415
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

HOLD FOR FURTHER ANALYSIS

(X) Added 10/7/10 ~~EDC~~ SA

Chromatograms with final report ☐

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OnSite Environmental Inc.
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October 8, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-230B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 22, 2010.

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: October 8, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230B
Project: 188-002

Case Narrative

Samples were collected on September 22, 2010 and received by the laboratory on September 22, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 8, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230B
Project: 188-002

TOTAL ORGANIC CARBON
EPA 9060

Matrix: Soil
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-C3-BTM-092210-8.0**					
Laboratory ID:	09-230-13					
Total Organic Carbon	**ND**	0.042	9060	10-6-10	10-7-10	

Date of Report: October 8, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230B
Project: 188-002

TOTAL ORGANIC CARBON
EPA 9060
QUALITY CONTROL

Matrix: Soil
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1007S1					
Total Organic Carbon	**ND**	0.042	9060	10-7-10	10-7-10	

Analyte	Result		PQL	RPD	Limit	Flags
DUPLICATE						
Laboratory ID:	09-230-13					
	Sample	Duplicate				
Total Organic Carbon	**ND**	**ND**	0.042	NA	20	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	Flags
SPIKE BLANK						
Laboratory ID:	SB1007S1					
Total Organic Carbon	**46.7**	42.1	ND	**111**	80-120	

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 2

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

Company: Farallon Consulting
Project Number: 186002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ ~~1 Day~~ SAME DAY TAT
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-230

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-E5-SW-092210-5.5	9/22/10	800	Soil	1			X											X
2	A3-E5-BTM-092210-9.5		815		1			Hold											
3	A3-E4-SW-092210-5.0		830		1			X											X
4	A3-E4-BTM-092210-9.0		845		1			~~X~~ HOLD DB											
5	A3-E3-SW-092210-6.0		900		1			X											
6	A3-E3-BTM-092210-8.0		915		1			~~X~~ HOLD DB											
7	A3-E2-BTM-092210-8.0		1015		1			X											
8	A3-C5-~~BTM~~ SW-092210-5.0 DP		1100		1			X											
9	A3-E1-P-092210-5.0		1215		4			X	X										
10	A3-E1-BTM-092210-9.0		1245		1			X											

	Signature	Company	Date	Time
Relinquished by		Farallon	9-22-10	1800
Received by		OnSite Env.	9/22/10	1800
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

2 day for Dx
~~1 day for~~ VOC
(X) ~~Hold for instructions~~
ANALYZE PER HEIDITSCHER. DB 9/23/10. (SAME DAY TAT)
(*) Added 9/30. DB (3 day TAT)

Chromatograms with final report ☐

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Chain of Custody

Page 2 of 2

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-230

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664		TOC					% Moisture
11	A3-B3-SW-092210-5.0	9/22/10	1330	Soil	1			X																	X
12	A3-B3-BTM-092210-8.0	"	1345	"	1			X																	↓
13	A3-C3-BTM-092210-8.0	"	1445	"	1			X												⊛					

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by		Farallon	9-22-10	1800	2 day - Dx
Received by		OnSite Env.	9/22/10	1800	~~1 day - VOC~~
Relinquished by					~~⊛ hold~~
Received by					⊛ added 10/4/10. DB (3 day TAT)
Relinquished by					
Received by					

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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OnSite Environmental Inc.
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October 7, 2010

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

Re: Analytical Data for Project 188-001
Laboratory Reference No. 1010-052

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on October 6, 2010.

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: October 7, 2010
Samples Submitted: October 6, 2010
Laboratory Reference: 1010-052
Project: 188-001

Case Narrative

Samples were collected on October 6, 2010 and received by the laboratory on October 6, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 7, 2010
Samples Submitted: October 6, 2010
Laboratory Reference: 1010-052
Project: 188-001

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-24-100610**					
Laboratory ID:	10-052-01					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	10-6-10	10-6-10	
Lube Oil Range Organics	**ND**	0.42	NWTPH-Dx	10-6-10	10-6-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Date of Report: October 7, 2010
Samples Submitted: October 6, 2010
Laboratory Reference: 1010-052
Project: 188-001

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	10-6-10	10-6-10	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	10-6-10	10-6-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	09-339-02							
	ORIG	DUP						
Diesel Range Organics	**ND**	**ND**				NA	NA	
Lube Oil Range Organics	**ND**	**ND**				NA	NA	
Surrogate:								
o-Terphenyl			*95*	*97*	*50-150*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: FARALLON
Project Number: 188-001
Project Name: WOODWORTH FACILITY
Project Manager: BRANI JURISTA
Sampled by: Ken Scott

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

Laboratory Number: 10-052

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	MW-24-100610	10/6/10	1140	W	2				X												

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	10/6/10	1310
Received			10/6/10	1310
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
1-DAY TURN

Chromatograms with final report ☐

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

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

October 6, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1010-029

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2010.

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: October 6, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029
Project: 188-002

Case Narrative

Samples were collected on October 5, 2010 and received by the laboratory on October 5, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 6, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B2-P-100510-4.5**					
Laboratory ID:	10-029-02					
Diesel Fuel #2	**5800**	150	NWTPH-Dx	10-5-10	10-5-10	
Lube Oil	**4600**	300	NWTPH-Dx	10-5-10	10-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				F
Client ID:	**A3-C3-P-100510-3.2**					
Laboratory ID:	10-029-04					
Diesel Fuel #2	**1000**	130	NWTPH-Dx	10-5-10	10-5-10	
Lube Oil	**1000**	260	NWTPH-Dx	10-5-10	10-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				
Client ID:	**A2-B1-P-100510-2.0**					
Laboratory ID:	10-029-05					
Diesel Fuel #2	**1600**	130	NWTPH-Dx	10-5-10	10-5-10	
Lube Oil	**1100**	270	NWTPH-Dx	10-5-10	10-5-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*125*	*50-150*				
Client ID:	**A2-A1-P-100510-1.5**					
Laboratory ID:	10-029-06					
Diesel Range Organics	**ND**	320	NWTPH-Dx	10-5-10	10-6-10	U1
Lube Oil	**3900**	260	NWTPH-Dx	10-5-10	10-6-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				

Date of Report: October 6, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1005S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-5-10	10-5-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-5-10	10-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	10-020-04						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil	**180**	**157**			14	NA	
Surrogate:							
o-Terphenyl			*101* *114*	*50-150*			

Date of Report: October 6, 2010
Samples Submitted: October 5, 2010
Laboratory Reference: 1010-029
Project: 188-002

% MOISTURE

Date Analyzed: 10-5-10

Client ID	Lab ID	% Moisture
A3-B2-P-100510-4.5	10-029-02	18
A3-C3-P-100510-3.2	10-029-04	4
A2-B1-P-100510-2.0	10-029-05	7
A2-A1-P-100510-1.5	10-029-06	4

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Fosallon Consulting
Project Number: 188002
Project Name: Woodworth Capital
Project Manager: Brani Juricka
Sampled by: Jon P.

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

Laboratory Number: 10-029

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	MW24-Recon-7.5	10/05/10	1100	Water	2			hold											
2	A3-B2-P-100510-4.5		1130	Soil	3			X											X
3	A3-C4-P-100510-5.5		1140	Soil	3			hold											
4	A3-C3-P-100510-3.2		1150	Soil	4			X											X
5	A2-B1-P-100510-2.0		1200	Soil	3			X											↓
6	A2-A1-P-100510-1.5		1210	Soil	3			X											

	Signature	Company	Date	Time
Relinquished by		Fosallon	10-5-10	1415
Received by		ORE	10/5/10	1415
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
HOLD FOR FURTHER ANALYSIS

Chromatograms with final report ☐

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OnSite Environmental Inc.
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October 5, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-199C

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 21, 2010.

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: October 5, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199C
Project: 188-002

Case Narrative

Samples were collected on September 20, 2010 and received by the laboratory on September 21, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 5, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199C
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B0-SW-092010-4.0**					
Laboratory ID:	09-199-05					
Diesel Range Organics	**ND**	27	NWTPH-Dx	10-4-10	10-5-10	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	10-4-10	10-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*113*	*50-150*				

Date of Report: October 5, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199C
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1004S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-4-10	10-4-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-199-05						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*113* *117*	*50-150*			

Date of Report: October 5, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199C
Project: 188-002

% MOISTURE

Date Analyzed: 10-1-10

Client ID	Lab ID	% Moisture
A3-B0-SW-092010-4.0	09-199-05	7

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Laboratory Number: 09-199

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodwarth Lakeview
Project Manager: Brandi Juristo
Sampled by: Jon Peterson

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

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3_B2-SW-092010-4.0	9-20-10	1430	Soil	1			⊗											⊗
2	A3-B2-BTM-092010-6.5		1445		1			⊗											⊗
3	A3-B1-SW-092010-4.0		1500		1			○											○
4	A3-B1-BTM-092010-6.5		1515		1			○											○
5	A3-B0-SW-092010-4.0		1530		1			●											●
6	A3-B0-BTM-092010-6.5		1545		1														
7	A3-A2-SW-092010-4.0		1600		1			⊗											⊗
8	A3-A2-BTM-092010-6.5		1615		1			⊗											⊗

	Signature	Company	Date	Time
Relinquished by		Farallon	9/21/10	0600
Received by			9/21/10	6:25
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
~~Hold~~
⊗ Added 9/21/10. DB (2 day TAT)
○ Added 9/28/10. DB (2 day TAT)
● Added 10/1/10. DB (2 day TAT)

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

OnSite Environmental Inc.
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October 5, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1010-018

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on October 1, 2010.

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: October 5, 2010
Samples Submitted: October 1, 2010
Laboratory Reference: 1010-018
Project: 188-002

Case Narrative

Samples were collected on October 1, 2010 and received by the laboratory on October 1, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 5, 2010
Samples Submitted: October 1, 2010
Laboratory Reference: 1010-018
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-A0-SW-100110-2.8**					
Laboratory ID:	10-018-04					
Diesel Fuel #2	**310**	140	NWTPH-Dx	10-4-10	10-4-10	
Lube Oil	**660**	280	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*134*	*50-150*				
Client ID:	**A3-A1-SW-100110-3.0**					
Laboratory ID:	10-018-05					
Diesel Fuel #2	**830**	140	NWTPH-Dx	10-4-10	10-4-10	
Lube Oil	**2300**	280	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*147*	*50-150*				
Client ID:	**A3-A00-SW-100110-2.5**					
Laboratory ID:	10-018-06					
Diesel Fuel #2	**140**	28	NWTPH-Dx	10-4-10	10-5-10	
Lube Oil	**1000**	56	NWTPH-Dx	10-4-10	10-5-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*124*	*50-150*				

Date of Report: October 5, 2010
Samples Submitted: October 1, 2010
Laboratory Reference: 1010-018
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1004S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-4-10	10-4-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-199-05						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*113 117*	*50-150*			

Date of Report: October 5, 2010
Samples Submitted: October 1, 2010
Laboratory Reference: 1010-018
Project: 188-002

% MOISTURE

Date Analyzed: 10-4-10

Client ID	Lab ID	% Moisture
A3-A0-SW-100110-2.8	10-018-04	10
A3-A1-SW-100110-3.0	10-018-05	10
A3-A00-SW-100110-2.5	10-018-06	11

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 188 002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ Hold 1-3 (other)

Laboratory Number: 10-018

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-B0-BTM-100110-4.0	10-01-10	845	S	1			hold											
2	A3-A0-SW-100110-3.0		900	S	1			hold											
3	A3-A0-BTM-100110-4.0		915	S	1			hold											
4	A3-A0-SW-100110-2.8		930	S	1			2day											X
5	A3-A1-SW-100110-3.0		945	S	1			2day											X
6	A3-A00-SW-100110-2.5		1000	S	1			2day											X

	Signature	Company	Date	Time	Comments/Special Instructions:
Relinquished by		Farallon	10/1/10	1300	
Received by		OnSite Env.	10/1/10	1600	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date		Reviewed by/Date			Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

October 5, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-318B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 29, 2010.

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: October 5, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318B
Project: 188-002

Case Narrative

Samples were collected on September 29, 2010 and received by the laboratory on September 29, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 5, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318B
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-D0-BTM-092910-5.5**					
Laboratory ID:	09-318-04					
Diesel Range Organics	**170**	140	NWTPH-Dx	10-4-10	10-4-10	N
Lube Oil	**2200**	270	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*140*	*50-150*				
Client ID:	**A3-D00-SW-092910-5.0**					
Laboratory ID:	09-318-06					
Diesel Range Organics	**140**	27	NWTPH-Dx	10-4-10	10-4-10	N
Lube Oil	**1100**	55	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*136*	*50-150*				

Date of Report: October 5, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318B
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1004S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-4-10	10-4-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-4-10	10-4-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	10-017-01						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*104* *100*	*50-150*			

Date of Report: October 5, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318B
Project: 188-002

% MOISTURE

Date Analyzed: 10-1-10

Client ID	Lab ID	% Moisture
A3-D0-BTM-092910-5.5	09-318-04	8
A3-D00-SW-092910-5.0	09-318-06	9

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

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

Company: Farallon
Project Number: 188002
Project Name: Woodworth
Project Manager: Brian Jurista
Sampled by: Jon P.

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-318

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-CO-SW-092910-5.0	9/29/10	800	Soil	1			1-day											X
2	A3-CO-BTM-092910-6.0		815		1			hold											
3	A3-DO-SW-092910-4.5		830		1			2-day											X
4	A3-DO-BTM-092910-5.5		845		1			●											●
5	A3-EO-SW-092910-5.0		900		1			2-day											X
6	A3-DOO-SW-092910-5.0		915		1			●											●
7	A3-COO-SW-092910-5.0		930		1			hold											

	Signature	Company	Date	Time
Relinquished by		Farallon	9-29-10	1250
Received by		speedy	9/29	12:50
Relinquished by		speedy	9/29/10	2:10
Received by			9/29/10	1410
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

● Added 10/1/10 DB (2 day TAT)

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

October 1, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-318

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 29, 2010.

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: October 1, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318
Project: 188-002

Case Narrative

Samples were collected on September 29, 2010 and received by the laboratory on September 29, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: October 1, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-CO-SW-092910-5.0**					
Laboratory ID:	09-318-01					
Diesel Range Organics	**ND**	140	NWTPH-Dx	9-29-10	9-29-10	
Lube Oil	**1100**	280	NWTPH-Dx	9-29-10	9-29-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				

Date of Report: October 1, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0929S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-29-10	9-29-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-29-10	9-29-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-273-09						
	ORIG	DUP					
Diesel Range Organics	**31.6**	**26.5**			18	NA	
Lube Oil	**55.0**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*106* *98*	*50-150*			

Date of Report: October 1, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-DO-SW-092910-4.5**					
Laboratory ID:	09-318-03					
Diesel Range Organics	**ND**	390	NWTPH-Dx	9-30-10	9-30-10	U1
Lube Oil	**3800**	270	NWTPH-Dx	9-30-10	9-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**A3-EO-SW-092910-5.0**					
Laboratory ID:	09-318-05					
Diesel Range Organics	**ND**	150	NWTPH-Dx	9-30-10	9-30-10	U1
Lube Oil	**1700**	270	NWTPH-Dx	9-30-10	9-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*124*	*50-150*				

Date of Report: October 1, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0930S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-30-10	9-30-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-30-10	9-30-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-309-01						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*105* *112*	*50-150*			

Date of Report: October 1, 2010
Samples Submitted: September 29, 2010
Laboratory Reference: 1009-318
Project: 188-002

% MOISTURE

Date Analyzed: 9-29-10

Client ID	Lab ID	% Moisture
A3-CO-SW-092910-5.0	09-318-01	10
A3-D0-SW-092910-4.5	09-318-03	9
A3-E0-SW-092910-5.0	09-318-05	7

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon
Project Number: 188002
Project Name: Woodworth
Project Manager: Brian Jurista
Sampled by: Jon P.

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-318

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-CO-SW-092910-5.0	9/29/10	800	Soil	1			1-day											X
2	A3-CO-BTM-092910-6.0		815		1			hold											
3	A3-DO-SW-092910-4.5		830		1			2-day											X
4	A3-DO-BTM-092910-5.5		845		1			hold											
5	A3-EO-SW-092910-5.0		900		1			2-day											X
6	A3-DOO-SW-092910-5.0		915		1			hold											
7	A3-COO-SW-092910-5.0		930		1			hold											

	Signature	Company	Date	Time
Relinquished by		Farallon	9-29-10	1250
Received by		speedy	9/29	12:50
Relinquished by		Speedy	9/29/10	2:10
Received by			9/29/10	1410
Relinquished by				
Received by				

Comments/Special Instructions:

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

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

September 30, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-246

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 23, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 30, 2010
Samples Submitted: September 23, 2010
Laboratory Reference: 1009-246
Project: 188-002

Case Narrative

Samples were collected on September 23, 2010 and received by the laboratory on September 23, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: September 30, 2010
Samples Submitted: September 23, 2010
Laboratory Reference: 1009-246
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-F1-SW-092310-5.0**					
Laboratory ID:	09-246-01					
Diesel Fuel #2	**980**	140	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil	**1300**	270	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*123*	*50-150*				
Client ID:	**A3-F2-SW-092310-5.5**					
Laboratory ID:	09-246-03					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**A3-F2-BTM-092310-8.5**					
Laboratory ID:	09-246-04					
Diesel Range Organics	**ND**	27	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				

Date of Report: September 30, 2010
Samples Submitted: September 23, 2010
Laboratory Reference: 1009-246
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-246-04						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*104* *103*	*50-150*			

Date of Report: September 30, 2010
Samples Submitted: September 23, 2010
Laboratory Reference: 1009-246
Project: 188-002

% MOISTURE

Date Analyzed: 9-28-10

Client ID	Lab ID	% Moisture
A3-F1-SW-092310-5.0	09-246-01	8
A3-F2-SW-092310-5.5	09-246-03	11
A3-F2-BTM-092310-8.5	09-246-04	7

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 188 002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-246

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-F1-SW-092310-5.0	9-23-10	800	Soil	4			⊗											⊗
2	A3-F1-BTM-092310-9.0		830	Soil	3			⊗											
3	A3-F2-SW-092310-5.5		900	Soil	4			⊗											⊗
4	A3-F2-BTM-092310-8.5		915	Soil	4			⊗											⊗

	Signature	Company	Date	Time
Relinquished by		Farallon	9-23-10	1500
Received by		OnSite Env.	9/23/10	1600
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:
~~Hold~~ DB
⊗ Added 9/28/10. DB (2 day TAT)

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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

September 29, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-199B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 21, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 29, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199B
Project: 188-002

Case Narrative

Samples were collected on September 20, 2010 and received by the laboratory on September 21, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: September 29, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199B
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B1-SW-092010-4.0**					
Laboratory ID:	09-199-03					
Diesel Fuel #2	**550**	140	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil	**2100**	280	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**A3-B1-BTM-092010-6.5**					
Laboratory ID:	09-199-04					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil	**75**	55	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				

Date of Report: September 29, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199B
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-28-10	9-28-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-28-10	9-28-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-295-02						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*103* *97*	*50-150*			

Date of Report: September 29, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199B
Project: 188-002

% MOISTURE

Date Analyzed: 9-28-10

Client ID	Lab ID	% Moisture
A3-B1-SW-092010-4.0	09-199-03	11
A3-B1-BTM-092010-6.5	09-199-04	9

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth Lakeview
Project Manager: Brandi Juristy
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-199

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3_B2-SW-092010-4.0	9-20-10	1430	Soil	1			⊗											⊗
2	A3-B2-BTM-092010-6.5		1445		1			⊗											⊗
3	A3-B1-SW-092010-4.0		1500		1			○											○
4	A3-B1-BTM-092010-6.5		1515		1			○											○
5	A3-B0-SW-092010-4.0		1530		1														
6	A3-B0-BTM-092010-6.5		1545		1														
7	A3-A2-SW-092010-4.0		1600		1			⊗											⊗
8	A3-A2-BTM-092010-6.5		1615		1			⊗											⊗

	Signature	Company	Date	Time
Relinquished by		Farallon	9/21/10	0600
Received by			9/21/10	6:25
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

~~Hold~~

⊗ Added 9/21/10. DB (2 day TAT)

○ Added 9/28/10. DB (2 day TAT)

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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

September 27, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-230

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 22, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

Case Narrative

Samples were collected on September 22, 2010 and received by the laboratory on September 22, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Some MTCA Method A cleanup levels are non-achievable due to the necessary dilution of the sample.

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

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-E5-SW-092210-5.5**					
Laboratory ID:	09-230-01					
Diesel Fuel #2	**200**	140	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**590**	270	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*142*	*50-150*				
Client ID:	**A3-E4-SW-092210-5.0**					
Laboratory ID:	09-230-03					
Diesel Fuel #2	**180**	140	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**720**	280	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*144*	*50-150*				
Client ID:	**A3-E3-SW-092210-6.0**					
Laboratory ID:	09-230-05					
Diesel Fuel #2	**67**	28	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**230**	56	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*119*	*50-150*				
Client ID:	**A3-E2-BTM-092210-8.0**					
Laboratory ID:	09-230-07					
Diesel Fuel #2	**39**	28	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**91**	55	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*120*	*50-150*				
Client ID:	**A3-C5-SW-092210-5.0**					
Laboratory ID:	09-230-08					
Diesel Fuel #2	**270**	28	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**780**	57	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*122*	*50-150*				
Client ID:	**A3-E1-P-092210-5.0**					
Laboratory ID:	09-230-09					
Diesel Fuel #2	**2800**	28	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**530**	56	NWTPH-Dx	9-24-10	9-24-10	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				F

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-E1-BTM-092210-9.0**					
Laboratory ID:	09-230-10					
Diesel Fuel #2	**32**	27	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*117*	*50-150*				
Client ID:	**A3-B3-SW-092210-5.0**					
Laboratory ID:	09-230-11					
Diesel Fuel #2	**290**	130	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**1200**	270	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*143*	*50-150*				
Client ID:	**A3-B3-BTM-092210-8.0**					
Laboratory ID:	09-230-12					
Diesel Fuel #2	**31**	28	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil	**100**	55	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*117*	*50-150*				
Client ID:	**A3-C3-BTM-092210-8.0**					
Laboratory ID:	09-230-13					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0924S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-24-10	9-24-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-24-10	9-24-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*122*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-230-13						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*114* *120*	*50-150*			

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

VOLATILES by EPA 8260B
page 1 of 2

Date Extracted:	9-23-10
Date Analyzed:	9-23-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	09-230-09
Client ID:	**A3-E1-P-092210-5.0**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.066
Chloromethane	ND		0.33
Vinyl Chloride	ND		0.066
Bromomethane	ND		0.066
Chloroethane	ND		0.33
Trichlorofluoromethane	ND		0.066
1,1-Dichloroethene	ND		0.066
Acetone	ND		0.33
Iodomethane	ND		0.33
Carbon Disulfide	ND		0.066
Methylene Chloride	ND		0.33
(trans) 1,2-Dichloroethene	ND		0.066
Methyl t-Butyl Ether	ND		0.066
1,1-Dichloroethane	ND		0.066
Vinyl Acetate	ND		0.33
2,2-Dichloropropane	ND		0.066
(cis) 1,2-Dichloroethene	ND		0.066
2-Butanone	ND		0.33
Bromochloromethane	ND		0.066
Chloroform	ND		0.066
1,1,1-Trichloroethane	ND		0.066
Carbon Tetrachloride	ND		0.066
1,1-Dichloropropene	ND		0.066
Benzene	ND		0.066
1,2-Dichloroethane	ND		0.066
Trichloroethene	ND		0.066
1,2-Dichloropropane	ND		0.066
Dibromomethane	ND		0.066
Bromodichloromethane	ND		0.066
2-Chloroethyl Vinyl Ether	ND		0.33
(cis) 1,3-Dichloropropene	ND		0.066
Methyl Isobutyl Ketone	ND		0.33
Toluene	ND		0.33
(trans) 1,3-Dichloropropene	ND		0.066

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

VOLATILES by EPA 8260B
page 2 of 2

Lab ID: 09-230-09
Client ID: A3-E1-P-092210-5.0

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.066
Tetrachloroethene	ND		0.066
1,3-Dichloropropane	ND		0.066
2-Hexanone	ND		0.33
Dibromochloromethane	ND		0.066
1,2-Dibromoethane	ND		0.066
Chlorobenzene	ND		0.066
1,1,1,2-Tetrachloroethane	ND		0.066
Ethylbenzene	ND		0.066
m,p-Xylene	0.20		0.13
o-Xylene	0.11		0.066
Styrene	ND		0.066
Bromoform	ND		0.066
Isopropylbenzene	ND		0.066
Bromobenzene	ND		0.066
1,1,2,2-Tetrachloroethane	ND		0.066
1,2,3-Trichloropropane	ND		0.066
n-Propylbenzene	0.11		0.066
2-Chlorotoluene	ND		0.066
4-Chlorotoluene	ND		0.066
1,3,5-Trimethylbenzene	0.26		0.066
tert-Butylbenzene	ND		0.066
1,2,4-Trimethylbenzene	0.83		0.066
sec-Butylbenzene	0.16		0.066
1,3-Dichlorobenzene	ND		0.066
p-Isopropyltoluene	0.19		0.066
1,4-Dichlorobenzene	ND		0.066
1,2-Dichlorobenzene	ND		0.066
n-Butylbenzene	ND		0.066
1,2-Dibromo-3-chloropropane	ND		0.33
1,2,4-Trichlorobenzene	ND		0.066
Hexachlorobutadiene	ND		0.33
Naphthalene	1.2		0.066
1,2,3-Trichlorobenzene	ND		0.066

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	66-128
Toluene-d8	103	68-126
4-Bromofluorobenzene	78	53-134

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 1 of 2

Date Extracted:	9-23-10
Date Analyzed:	9-23-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0923S2

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
page 2 of 2

Lab ID: MB0923S2

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	66-128
Toluene-d8	112	68-126
4-Bromofluorobenzene	82	53-134

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Date Extracted: 9-23-10
Date Analyzed: 9-23-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0923S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0598	120	0.0596	119	70-130	
Benzene	0.0500	0.0448	90	0.0446	89	70-121	
Trichloroethene	0.0500	0.0519	104	0.0499	100	70-124	
Toluene	0.0500	0.0481	96	0.0463	93	70-123	
Chlorobenzene	0.0500	0.0434	87	0.0427	85	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	0	14	
Benzene	0	10	
Trichloroethene	4	12	
Toluene	4	12	
Chlorobenzene	2	9	

Date of Report: September 27, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-230
Project: 188-002

% MOISTURE

Date Analyzed: 9-23&24-10

Client ID	Lab ID	% Moisture
A3-E5-SW-092210-5.5	09-230-01	8
A3-E4-SW-092210-5.0	09-230-03	9
A3-E3-SW-092210-6.0	09-230-05	11
A3-E2-BTM-092210-8.0	09-230-07	9
A3-C5-SW-092210-5.0	09-230-08	12
A3-E1-P-092210-5.0	09-230-09	10
A3-E1-BTM-092210-9.0	09-230-10	7
A3-B3-SW-092210-5.0	09-230-11	7
A3-B3-BTM-092210-8.0	09-230-12	9
A3-C3-BTM-092210-8.0	09-230-13	10

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 2

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

Company: Farallon Consulting
Project Number: 1866002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ ~~1 Day~~ SAME DAY TAT
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-230

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-E5-SW-092210-5.5	9/22/10	800	Soil	1			X											X
2	A3-E5-BTM-092210-9.5		815		1			Hold											
3	A3-E4-SW-092210-5.0		830		1			X											X
4	A3-E4-BTM-092210-9.0		845		1			~~X~~ HOLD DB											
5	A3-E3-SW-092210-6.0		900		1			X											
6	A3-E3-BTM-092210-8.0		915		1			~~X~~ HOLD DB											
7	A3-E2-BTM-092210-8.0		1015		1			X											
8	A3-C5-~~BTM~~ SW-092210-5.0 JP		1100		1			X											
9	A3-E1-P-092210-5.0		1215		4			X	(X)										
10	A3-E1-BTM-092210-9.0		1245		1			X											

	Signature	Company	Date	Time
Relinquished by		Farallon	9-22-10	1800
Received by			9/22/10	1800
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions

2 day for Dx
~~1 day for~~ VOC
(X) ~~Hold for instructions~~
ANALYZE PER HEIDI FISCHER. DB 9/23/10. (SAME DAY TAT)

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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Chain of Custody

Page 2 of 2

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-230

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
11	A3-B3-SW-092210-5.0	9/22/10	1330	Soil	1			X											X
12	A3-B3-BTM-092210-8.0	"	1345	Soil	1			X											↓
13	A3-C3-BTM-092210-8.0	"	1445	Soil	1			X											

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by		Farallon	9-22-10	1800	2 day - Dx
Received by		On Site Env.	9/22/10	1800	~~1 day - VOC~~
Relinquished by					⊗ Hold
Received by					
Relinquished by					
Received by					

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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

September 24, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-213

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 22, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 24, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-213
Project: 188-002

Case Narrative

Samples were collected on September 21, 2010 and received by the laboratory on September 22, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: September 24, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-213
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-D4-BTM-092110-9.0**					
Laboratory ID:	09-213-01					
Diesel Range Organics	**ND**	26	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil Range Organics	**ND**	53	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				
Client ID:	**A3-D3-BTM-092110-10.0**					
Laboratory ID:	09-213-02					
Diesel Fuel #2	**27**	26	NWTPH-Dx	9-23-10	9-23-10	N
Lube Oil	**310**	53	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**A3-D2-SW-092110-5.0**					
Laboratory ID:	09-213-03					
Diesel Fuel #2	**1600**	140	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil	**4200**	280	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*123*	*50-150*				
Client ID:	**A3-D2-BTM-092110-7.5**					
Laboratory ID:	09-213-04					
Diesel Fuel #2	**42**	27	NWTPH-Dx	9-23-10	9-23-10	N
Lube Oil	**820**	55	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**A3-D1-SW-092110-5.0**					
Laboratory ID:	09-213-05					
Diesel Fuel #2	**290**	140	NWTPH-Dx	9-23-10	9-23-10	N
Lube Oil	**2500**	280	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*122*	*50-150*				
Client ID:	**A3-D1-BTM-092110-7.0**					
Laboratory ID:	09-213-06					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil	**84**	57	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				

Date of Report: September 24, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-213
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-C1-SW-092110-5.0**					
Laboratory ID:	09-213-07					
Diesel Range Organics	**ND**	210	NWTPH-Dx	9-23-10	9-23-10	U1
Lube Oil	**3100**	280	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*134*	*50-150*				
Client ID:	**A3-C1-BTM-092110-6.5**					
Laboratory ID:	09-213-08					
Diesel Range Organics	**ND**	140	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil	**900**	280	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*116*	*50-150*				
Client ID:	**A3-C2-BTM-092110-8.0**					
Laboratory ID:	09-213-09					
Diesel Fuel #2	**64**	28	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil	**180**	56	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**A3-C4-BTM-092110-9.0**					
Laboratory ID:	09-213-10					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil	**83**	55	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**A3-B4-SW-092110-5.0**					
Laboratory ID:	09-213-11					
Diesel Fuel #2	**73**	29	NWTPH-Dx	9-23-10	9-23-10	N
Lube Oil	**370**	58	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**A3-D5-SW-092110-6.0**					
Laboratory ID:	09-213-12					
Diesel Range Organics	**120**	28	NWTPH-Dx	9-23-10	9-23-10	N
Lube Oil	**1200**	57	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				

Date of Report: September 24, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-213
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0923S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-23-10	9-23-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-23-10	9-23-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*118*	*50-150*				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	09-213-04							
	ORIG	DUP						
Diesel Fuel #2	**38.2**	**ND**				NA	NA	
Lube Oil	**748**	**252**				99	NA	
Surrogate:								
o-Terphenyl			*110*	*110*	*50-150*			

Date of Report: September 24, 2010
Samples Submitted: September 22, 2010
Laboratory Reference: 1009-213
Project: 188-002

% MOISTURE

Date Analyzed: 9-23-10

Client ID	Lab ID	% Moisture
A3-D4-BTM-092110-9.0	09-213-01	5
A3-D3-BTM-092110-10.0	09-213-02	5
A3-D2-SW-092110-5.0	09-213-03	10
A3-D2-BTM-092110-7.5	09-213-04	8
A3-D1-SW-092110-5.0	09-213-05	12
A3-D1-BTM-092110-7.0	09-213-06	12
A3-C1-SW-092110-5.0	09-213-07	10
A3-C1-BTM-092110-6.5	09-213-08	9
A3-C2-BTM-092110-8.0	09-213-09	11
A3-C4BTM-092110-9.0	09-213-10	9
A3-B4-SW-092110-5.0	09-213-11	14
A3-D5-SW-092110-6.0	09-213-12	12

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 2

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

Company: Farallon Consulting
Project Number: 188-002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-213

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3-D4-BTM-092110-9.0	9/21/10	830	Soil	1			X											X
2	A3-D3-BTM-092110-10.0		915		1			X											X
3	A3-D2-SW-092110-5.0		930		1			X											X
4	A3-D2-BTM-092110-7.5		945		1			X											X
5	A3-D1-SW-092110-5.0		1000		1			X											X
6	A3-D1-BTM-092110-7.0		1015		1			X											X
7	A3-C1-SW-092110-5.0		1030		1			X											X
8	A3-C1-BTM-092110-6.5		1045		1			X											X
9	A3-C2-BTM-092110-8.0		1215		1			X											X
10	A3-C4-BTM-092110-9.0		1315		1			X											X

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by		Farallon	9-22-10	550	~~Hold~~ DB
Received by		OSE	9.22.10	5:50	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date		Reviewed by/Date			Chromatograms with final report ☐

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Chain of Custody

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

Company: Farallon
Project Number: Woodworth
Project Name: 188-002
Project Manager: Brani
Sampled by: Jon

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-213

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
11	A3-B4-SW-092110-5.0	9-21-10	1400	S	1			X											X
12	A3-D5-SW-092110-6.0	〃	1430	S	1			X											X

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by		Farallon	9-22-10	550	Hold DB
Received by		OSE	9.22.10	5:50	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date		Reviewed by/Date			Chromatograms with final report ☐

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

September 23, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1009-199

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on September 21, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 23, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199
Project: 188-002

Case Narrative

Samples were collected on September 20, 2010 and received by the laboratory on September 21, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: September 23, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199
Project: 188-002

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**A3-B2-SW-092010-4.0**					
Laboratory ID:	09-199-01					
Diesel Fuel #2	**66**	28	NWTPH-Dx	9-21-10	9-21-10	
Lube Oil	**540**	55	NWTPH-Dx	9-21-10	9-21-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**A3-B2-BTM-092010-6.5**					
Laboratory ID:	09-199-02					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-21-10	9-21-10	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	9-21-10	9-21-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**A3-A2-SW-092010-4.0**					
Laboratory ID:	09-199-07					
Diesel Fuel #2	**390**	30	NWTPH-Dx	9-21-10	9-21-10	
Lube Oil	**240**	59	NWTPH-Dx	9-21-10	9-21-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*119*	*50-150*				
Client ID:	**A3-A2-BTM-092010-6.5**					
Laboratory ID:	09-199-08					
Diesel Range Organics	**ND**	29	NWTPH-Dx	9-21-10	9-21-10	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	9-21-10	9-21-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				

Date of Report: September 23, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199
Project: 188-002

NWTPH-Dx
QUALITY CONTROL
(with acid/silica gel clean-up)

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0921S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-21-10	9-21-10	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-21-10	9-21-10	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*127*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	09-199-02						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*112*	*116*	*50-150*		

Date of Report: September 23, 2010
Samples Submitted: September 21, 2010
Laboratory Reference: 1009-199
Project: 188-002

% MOISTURE

Date Analyzed: 9-21-10

Client ID	Lab ID	% Moisture
A3-B2-SW-092010-4.0	09-199-01	9
A3-B2-BTM-092010-6.5	09-199-02	10
A3-A2-SW-092010-4.0	09-199-07	16
A3-A2-BTM-092010-6.5	09-199-08	13

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth Lakeview
Project Manager: Brandi Juristo
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Day
- ☐ 3 Day
- ☐ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 09-199

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A3_B2-SW-092010-4.0	9-20-10	1430	Soil	1			X											X
2	A3-B2-BTM-092010-6.5		1445		1			X											X
3	A3-B1-SW-092010-4.0		1500		1														
4	A3-B1-BTM-092010-6.5		1515		1														
5	A3-B0-SW-092010-4.0		1530		1														
6	A3-B0-BTM-092010-6.5		1545		1														
7	A3-A2-SW-092010-4.0		1600		1			X											X
8	A3-A2-BTM-092010-6.5		1615		1			X											X

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by		Farallon	9/21/10	0600	~~Hold~~
Received by			9/21/10	6:25	☒ Added 9/21/10. DB (2 day TAT)
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date		Reviewed by/Date			Chromatograms with final report ☐

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

April 23, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1004-053

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on April 9, 2010.

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 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

Case Narrative

Samples were collected on April 8, 2010 and received by the laboratory on April 9, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	04-053-01				
Client ID:	**A2-7-040810-1.5**				
Diesel Range Organics	**520**	140	4-16-10	4-16-10	Y,N
Lube Oil	**4200**	270	4-16-10	4-16-10	Y
Surrogate: o-terphenyl	112%	50-150			
Lab ID:	04-053-05				
Client ID:	**A1-11-040810-3**				
Diesel Range Organics	**1700**	510	4-16-10	4-16-10	Y,N
Lube Oil	**21000**	1000	4-16-10	4-16-10	Y
Surrogate: o-terphenyl	---	50-150			S
Lab ID:	04-053-07				
Client ID:	**A3-4-040810-4**				
Diesel Fuel#2	**3200**	28	4-16-10	4-16-10	Y
Lube Oil	**680**	56	4-16-10	4-16-10	Y
Surrogate: o-terphenyl	101%	50-150			
Lab ID:	04-053-10				
Client ID:	**A3-1-040810-4**				
Diesel Fuel#2	**1400**	140	4-16-10	4-16-10	Y
Lube Oil	**5800**	290	4-16-10	4-16-10	Y
Surrogate: o-terphenyl	137%	50-150			
Lab ID:	04-053-12				
Client ID:	**A3-2-040810-4.5**				
Diesel Fuel#2	**770**	140	4-16-10	4-16-10	Y
Lube Oil	**4700**	270	4-16-10	4-16-10	Y
Surrogate: o-terphenyl	118%	50-150			

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	04-053-13				
Client ID:	**A3-3-040810-4.5**				
Diesel Fuel#2	**2700**	150	4-16-10	4-16-10	Y
Lube Oil	**780**	290	4-16-10	4-16-10	Y
Surrogate: o-terphenyl	83%	50-150			

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	4-16-10
Date Analyzed:	4-16-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0416S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	104%
Flags:	Y

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	4-16-10
Date Analyzed:	4-16-10
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	04-053-01	04-053-01 DUP
Diesel Range:	**481**	**491**
PQL:	130	130
RPD:	2	
Surrogate Recovery		
o-Terphenyl:	112%	108%
Flags:	Y,N	Y,N

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	04-053-04				
Client ID:	**A2-8-040810-2**				
Diesel Range	**ND**	32	4-21-10	4-22-10	Y,U1
Lube Oil	**320**	53	4-21-10	4-22-10	Y
Surrogate: o-terphenyl	76%	50-150			
Lab ID:	04-053-15				
Client ID:	**A1-12-040810-7.5**				
Diesel Fuel#2	**620**	540	4-21-10	4-21-10	Y,N
Lube Oil	**7700**	1100	4-21-10	4-21-10	Y
Surrogate: o-terphenyl	---	50-150			S
Lab ID:	04-053-16				
Client ID:	**A3-5-040810-3.5**				
Diesel Fuel#2	**190**	29	4-21-10	4-22-10	Y
Lube Oil	**290**	57	4-21-10	4-22-10	Y
Surrogate: o-terphenyl	64%	50-150			

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	4-21-10
Date Analyzed:	4-22-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0421S2
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	88%
Flags:	Y

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	4-21-10
Date Analyzed:	4-22-10
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	04-053-04	04-053-04 DUP
Diesel Range:	**ND**	**ND**
PQL:	30	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	76%	76%
Flags:	Y,U1	Y

Date of Report: April 23, 2010
Samples Submitted: April 9, 2010
Laboratory Reference: 1004-053
Project: 188-002

% MOISTURE

Date Analyzed: 4-16&21-10

Client ID	Lab ID	% Moisture
A2-7-040810-1.5	04-053-01	7
A2-8-040810-2	04-053-04	5
A1-11-040810-3	04-053-05	3
A3-4-040810-4	04-053-07	11
A3-1-040810-4	04-053-10	13
A3-2-040810-4.5	04-053-12	7
A3-3-040810-4.5	04-053-13	14
A1-12-040810-7.5	04-053-15	8
A3-5-040810-3.5	04-053-16	12

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 2

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

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodmorth
Project Manager: Brani J
Sampled by: Jon P

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ _____ (other)

Laboratory Number: 04-053

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A2-7-040810-1.5	4/8/10	830	Soil	1			⊗											⊗
2	A2-6-040810-1.5		910		1														
3	A2-5-040810-3		930		1														
4	A2-8-040810-2		1015		1			○											○
5	A1-11-040810-3		1100		1			⊗											⊗
6	A1-11-040810-8		1110		1														
7	A3-4-040810-4		1140		1			⊗											⊗
8	A3-4-040810-6		1145		1														
9	A3-4-040810-6.5		1150		1														
10	A3-1-040810-4		1215		1			⊗											⊗

	Signature	Company	Date	Time
Relinquished by		Farallon	4/9/10	0800
Received by	Jon Peterson			
Relinquished by				
Received by		OSE	4/9/10	1000
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

~~Hold for Dx~~
~~Brani's instructions~~
⊗ Added 4/12/10. DB
○ Added 4/20/10. ~~DB~~

Chromatograms with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Client Copy

Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Farallon
Project Number: 1889.002
Project Name: Woodworth
Project Manager: Brani J.
Sampled by: Jon P

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Day
- ☐ 3 Day
- ☑ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 04-053

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
11	A3-1-040810-8	4/8/10	1220	Soil	1														
12	A3-2-040810-4.5		1300		1			⊗											⊗
13	A3-3-040810-4.5		1320		1			⊗											⊗
14	A3-3-040810-5		1325		1														
15	A1-12-040810-7.5		1400		1			○											○
16	A3-5-040810-3.5		1500		1			○											○

	Signature	Company	Date	Time
Relinquished by		Farallon	4/9/10	0800
Received by		OSE	4/9/10	1000
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

~~Hold for Brani~~

⊗ Added 4/12/10. DB

○ Added 4/20/10. DB

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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

April 22, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1004-047B

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on April 8, 2010.

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 22, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047B
Project: 188-002

Case Narrative

Samples were collected on April 7, 2010 and received by the laboratory on April 8, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: April 22, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047B
Project: 188-002

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	04-047-12				
Client ID:	**A1-9-040710-3.5**				
Diesel Range	**ND**	28	4-20-10	4-21-10	Y
Lube Oil Range	**ND**	55	4-20-10	4-21-10	Y
Surrogate: o-terphenyl	107%	50-150			

Date of Report: April 22, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047B
Project: 188-002

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	4-20-10
Date Analyzed:	4-20-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0420S2
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	82%
Flags:	Y

Date of Report: April 22, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047B
Project: 188-002

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	4-20-10
Date Analyzed:	4-20-10
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	04-105-13	04-105-13 DUP
Diesel Range:	**ND**	**ND**
PQL:	25	25
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	84%	88%
Flags:	Y	Y

Date of Report: April 22, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047B
Project: 188-002

% MOISTURE

Date Analyzed: 4-20-10

Client ID	Lab ID	% Moisture
A1-9-040710-3.5	04-047-12	9

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

Page 1 of 2

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Farallon Consulting

Project Number: 188002

Project Name: Woodworth

Project Manager: Brani Jurista

Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard (7 working days)

(TPH analysis 5 working days)

☐ _____ (other)

Laboratory Number: 04-047

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664						% Moisture
1	A1-8-040710-7.5	4/7/10	815	Soil	1			☒																☒
2	A1-3-040710-5.5		900		1			☒																☒
3	A1-3-040710-7.5		910		1																			
4	A1-4-040710-3		935		1																			
5	A1-4-040710-4		940		1			☒																☒
6	A1-5-040710-6		1010		1			☒																☒
7	A1-5-040710-8		1015		1																			
8	A1-1-040710-4		1050		1			☒																☒
9	A1-2-040710-3		1135		1																			
10	A1-7-040710-6		1230		1			☒																☒

	Signature	Company	Date	Time
Relinquished by		Farallon	4/8/10	0600
Received by		CRE	4/8/10	1145
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

~~Hold for Brani's instructions~~

☒ Added 4/9/10. DB

○ Added 4/20/10. DB.

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report ☐

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Chain of Custody

Page 2 of 2

OnSite Environmental Inc.

Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Farallon Consulting
Project Number: 188 002
Project Name: Woodworth
Project Manager: Brani
Sampled by: Jon

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Day
- ☐ 3 Day
- ☒ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 04-047

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
11	A1-6-040710-3	4/7/10	1313	Soil	1			⊗											⊗
12	A1-9-040710-3.5		1350		1			○											○
13	A2-2-040710-1.5		1415		1			⊗											⊗
14	A2-3-040710-3		1500		1														
15	A2-1-040710-4		1545		1			⊗											⊗
16	A2-4-040710-1.5		1610		1														
17	A2-4-040710-3		1615		1			⊗											⊗

	Signature	Company	Date	Time
Relinquished by		Farallon	4/8/10	0600
Received by			4/8/10	1145
Relinquished by				
Received by				
Relinquished by				
Received by				

Comments/Special Instructions:

~~Hold for Brani~~

⊗ Added 4/9/10. DB

○ Added 4/20/10. DB

Reviewed by/Date

Reviewed by/Date

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

April 16, 2010

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

Re: Analytical Data for Project 188-002
Laboratory Reference No. 1004-047

Dear Brani:

Enclosed are the analytical results and associated quality control data for samples submitted on April 8, 2010.

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 16, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047
Project: 188-002

Case Narrative

Samples were collected on April 7, 2010 and received by the laboratory on April 7, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

Date of Report: April 16, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047
Project: 188-002

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	04-047-01				
Client ID:	**A1-8-040710-7.5**				
Diesel Range	**ND**	140	4-13-10	4-16-10	Y
Lube Oil	**1200**	270	4-13-10	4-16-10	Y
Surrogate: o-terphenyl	85%	50-150			
Lab ID:	04-047-02				
Client ID:	**A1-3-040710-5.5**				
Diesel Fuel #2	**5300**	1400	4-13-10	4-15-10	Y,N
Lube Oil	**51000**	2700	4-13-10	4-15-10	Y
Surrogate: o-terphenyl	---	50-150			S
Lab ID:	04-047-05				
Client ID:	**A1-4-040710-4**				
Diesel Fuel #2	**140**	29	4-13-10	4-13-10	Y
Lube Oil	**420**	58	4-13-10	4-13-10	Y
Surrogate: o-terphenyl	81%	50-150			
Lab ID:	04-047-06				
Client ID:	**A1-5-040710-6**				
Diesel Fuel #2	**840**	140	4-13-10	4-14-10	Y,N
Lube Oil	**7800**	280	4-13-10	4-14-10	Y
Surrogate: o-terphenyl	90%	50-150			
Lab ID:	04-047-08				
Client ID:	**A1-1-040710-4**				
Diesel Fuel #2	**630**	140	4-13-10	4-14-10	Y
Lube Oil	**5200**	270	4-13-10	4-14-10	Y
Surrogate: o-terphenyl	101%	50-150			

Date of Report: April 16, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047
Project: 188-002

NWTPH-Dx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	04-047-10				
Client ID:	**A1-7-040710-6**				
Diesel Range	**ND**	530	4-13-10	4-15-10	Y
Lube Oil	**6700**	1100	4-13-10	4-15-10	Y
Surrogate: o-terphenyl	---	50-150			S
Lab ID:	04-047-11				
Client ID:	**A1-6-040710-3**				
Diesel Fuel #2	**190**	26	4-13-10	4-14-10	Y
Lube Oil	**930**	53	4-13-10	4-14-10	Y
Surrogate: o-terphenyl	80%	50-150			
Lab ID:	04-047-13				
Client ID:	**A2-2-040710-1.5**				
Diesel Fuel #2	**470**	27	4-13-10	4-14-10	Y
Lube Oil	**1600**	53	4-13-10	4-14-10	Y
Surrogate: o-terphenyl	73%	50-150			
Lab ID:	04-047-15				
Client ID:	**A2-1-040710-4**				
Diesel Fuel #2	**160**	27	4-13-10	4-13-10	Y
Lube Oil	**870**	53	4-13-10	4-13-10	Y
Surrogate: o-terphenyl	77%	50-150			
Lab ID:	04-047-17				
Client ID:	**A2-4-040710-3**				
Diesel Range	**ND**	1300	4-13-10	4-15-10	Y
Lube Oil	**15000**	2600	4-13-10	4-15-10	Y
Surrogate: o-terphenyl	---	50-150			S

Date of Report: April 16, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047
Project: 188-002

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	4-13-10
Date Analyzed:	4-13-10
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0413S1
Diesel Range:	**ND**
PQL:	25
Identification:	---
Lube Oil Range:	**ND**
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	77%
Flags:	Y

Date of Report: April 16, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047
Project: 188-002

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	4-13-10
Date Analyzed:	4-14-10
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	04-047-11	04-047-11 DUP
Diesel Range:	**177**	**143**
PQL:	25	25
RPD:	21	
Surrogate Recovery		
o-Terphenyl:	80%	87%
Flags:	Y	Y

Date of Report: April 16, 2010
Samples Submitted: April 8, 2010
Laboratory Reference: 1004-047
Project: 188-002

% MOISTURE

Date Analyzed: 4-13-10

Client ID	Lab ID	% Moisture
A1-8-040710-7.5	04-047-01	8
A1-3-040710-5.5	04-047-02	8
A1-4-040710-4	04-047-05	14
A1-5-040710-6	04-047-06	9
A1-1-040710-4	04-047-08	9
A1-7-040710-6	04-047-10	6
A1-6-040710-3	04-047-11	5
A2-2-040710-1.5	04-047-13	6
A2-1-040710-4	04-047-15	6
A2-4-040710-3	04-047-17	4

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

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

N1 - Hydrocarbons in the diesel range are impacting the lube oil range result.

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.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

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

Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Farallon Consulting
Project Number: 188002
Project Name: Woodworth
Project Manager: Brani Jurista
Sampled by: Jon Peterson

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Day ☐ 3 Day
- ☒ Standard (7 working days) (TPH analysis 5 working days)
- ☐ _____ (other)

Laboratory Number: 04-047

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	A1-8-040710-7.5	4/7/10	815	Soil	1			☒											☒
2	A1-3-040710-5.5		900		1			☒											☒
3	A1-3-040710-7.5		910		1														
4	A1-4-040710-3		935		1														
5	A1-4-040710-4		940		1			☒											☒
6	A1-5-040710-6		1010		1			☒											☒
7	A1-5-040710-8		1015		1														
8	A1-1-040710-4		1050		1			☒											☒
9	A1-2-040710-3		1135		1														
10	A1-7-040710-6	↓	1230	↓	1			☒											☒

	Signature	Company	Date	Time
Relinquished by		Farallon	4/8/10	0600
Received by			4/8/10	1145
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
~~Hold for Brani's instructions~~
☒ Added 4/9/10 DB

Chromatograms with final report ☐

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Chain of Custody

OnSite Environmental Inc.
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: Farallon Consulting
Project Number: 188 002
Project Name: Woodworth
Project Manager: Brani
Sampled by: Jon

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
(TPH analysis 5 working days)
☐ _____ (other)

Laboratory Number: 04-047

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
11	A1-6-040710-3	4/7/10	1313	Soil	1			☒											☒
12	A1-9-040710-3.5		1350		1														
13	A2-2-040710-1.5		1415		1			☒											☒
14	A2-3-040710-3		1500		1														
15	A2-1-040710-4		1545		1			☒											☒
16	A2-4-040710-1.5		1610		1														
17	A2-4-040710-3		1615		1			☒											☒

	Signature	Company	Date	Time
Relinquished by		Farallon	4/8/10	0600
Received by			4/8/10	1145
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:
~~Hold for Brani~~
☒ Added 4/9/10. DB

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ATTACHMENT C
SOIL CLEANUP LEVEL WORKSHEETS

RISK-BASED CLEANUP LEVEL CALCULATION
FOR PETROLEUM-CONTAMINATED SOIL
Woodworth Lakeview Facility
Lakewood, Washington
VCP Project No: SW1012

Farallon PN: 188-002

A2 Soil Cleanup Levels: Calculation and Summary of Results. Refer to WAC 173-340-720, 740, 745, 747, 750

Site Information

Date: 10/20/2010
Site Name: Woodworth Lakevew Facility
Sample Name: A2-B1-P-100510-2.0
Measured Soil TPH Concentration, mg/kg: **2,934.536**

1. Summary of Calculation Results

Exposure Pathway	Method/Goal	Protective Soil TPH Conc, mg/kg	With Measured Soil Conc		Does Measured Soil Conc Pass or Fail?
			RISK @	HI @	
Protection of Soil Direct Contact: Human Health	Method B	3,699	1.20E-07	7.94E-01	Pass
	Method C	44,489	2.97E-08	6.60E-02	Pass
Protection of Method B Ground Water Quality (Leaching)	Potable GW: Human Health Protectior	100% NAPL	7.74E-07	6.11E-02	Pass
	Target TPH GW Conc. @ 500 ug/L	100% NAPL	NA	NA	Pass

Warning! Check to determine if a simplified or site-specific Terrestrial Ecological Evaluation may be required (Refer to WAC 173-340-7490 through ~7494).

Warning! Check Residual Saturation (WAC340-747(10)).

2. Results for Protection of Soil Direct Contact Pathway: Human Health

	Method B: Unrestricted Land Use	Method C: Industrial Land Use
Protective Soil Concentration, TPH mg/kg	**3,698.88**	**44,488.68**
Most Stringent Criterion	**HI =1**	**HI =1**

Soil Criteria	Protective Soil Concentration @Method B				Protective Soil Concentration @Method C			
	Most Stringent?	TPH Conc, mg/kg	RISK @	HI @	Most Stringent?	TPH Conc, mg/kg	RISK @	HI @
HI =1	YES	3.70E+03	1.51E-07	1.00E+00	YES	4.45E+04	4.50E-07	1.00E+00
Total Risk=1E-5	*NO*	2.45E+05	1.00E-05	6.62E+01	*NO*	9.88E+05	1.00E-05	2.22E+01
Risk of Benzene= 1E-6	*NO*	5.33E+06	2.18E-04	1.44E+03	NA			
Risk of cPAHs mixture= 1E-6	*NO*	2.46E+04	1.00E-06	6.65E+00				
EDB	NA	NA	NA	NA				
EDC	NA	NA	NA	NA				

3. Results for Protection of Ground Water Quality (Leaching Pathway)

3.1. Protection of Potable Ground Water Quality (Method B): Human Health Protection

Most Stringent Criterion	**NA**
Protective Ground Water Concentration, ug/L	**NA**
Protective Soil Concentration, mg/kg	**Soil-to-Ground Water is not a critical pathway!**

Ground Water Criteria	Protective Potable Ground Water Concentration @Method B				Protective Soil Conc, mg/kg
	Most Stringent?	TPH Conc, ug/L	RISK @	HI @	
HI=1	YES	2.33E+01	1.16E-06	7.19E-02	100% NAPL
Total Risk = 1E-5	YES	2.33E+01	1.16E-06	7.19E-02	100% NAPL
Total Risk = 1E-6	YES	2.29E+01	1.00E-06	6.75E-02	8.51E+03
Risk of cPAHs mixture= 1E-5	YES	2.33E+01	1.16E-06	7.19E-02	100% NAPL
Benzene MCL = 5 ug/L	YES	2.33E+01	1.16E-06	7.19E-02	100% NAPL
MTBE = 20 ug/L	NA	NA	NA	NA	NA

Note: 100% NAPL is 76000 mg/kg TPH.

3.2 Protection of Ground Water Quality for TPH Ground Water Concentration previously adjusted and entered

Ground Water Criteria	Protective Ground Water Concentration			Protective Soil Conc, mg/kg
	TPH Conc, ug/L	Risk @	HI @	
Target TPH GW Conc = 500 ug/L	2.33E+01	1.16E-06	7.19E-02	**100% NAPL**

A1 Soil Cleanup Levels: Worksheet for Soil Data Entry: Refer to WAC 173-340-720, 740,745, 747, 750

1. Enter Site Information

Date: 10/18/10
Site Name: Woodworth Lakevew Facility
Sample Name: A3-B2-P-100510-4.5

2. Enter Soil Concentration Measured

Notes for Data Entry | Set Default Hydrogeology
Clear All Soil Concentration Data Entry Cells
Restore All Soil Concentration Data cleared previously

Chemical of Concern or Equivalent Carbon Group	Measured Soil Conc dry basis mg/kg	Composition Ratio %
Petroleum EC Fraction		
AL_EC >5-6		0.00%
AL_EC >6-8		0.00%
AL_EC >8-10	38	0.35%
AL_EC >10-12	280	2.61%
AL_EC >12-16	2100	19.57%
AL_EC >16-21	2500	23.29%
AL_EC >21-34	3100	28.88%
AR_EC >8-10	7.873	0.07%
AR_EC >10-12	56.12	0.52%
AR_EC >12-16	562.7	5.24%
AR_EC >16-21	1400	13.04%
AR_EC >21-34	669.747	6.24%
Benzene	0.01	0.00%
Toluene	0.035	0.00%
Ethylbenzene	0.035	0.00%
Total Xylenes	0.092	0.00%
Naphthalene	0.88	0.01%
1-Methyl Naphthalene	7.6	0.07%
2-Methyl Naphthalene	9.7	0.09%
n-Hexane		0.00%
MTBE		0.00%
Ethylene Dibromide (EDB)		0.00%
1,2 Dichloroethane (EDC)		0.00%
Benzo(a)anthracene	0.0205	0.00%
Benzo(b)fluoranthene	0.0205	0.00%
Benzo(k)fluoranthene	0.0205	0.00%
Benzo(a)pyrene	0.0205	0.00%
Chrysene	0.13	0.00%
Dibenz(a,h)anthracene	0.0205	0.00%
Indeno(1,2,3-cd)pyrene	0.0205	0.00%
Sum	10733.045	100.00%

REMARK:
Enter site-specific information here.....

3. Enter Site-Specific Hydrogeological Data

Total soil porosity:	0.43	Unitless
Volumetric water content:	0.3	Unitless
Volumetric air content:	0.13	Unitless
Soil bulk density measured:	1.5	kg/L
Fraction Organic Carbon:	0.001	Unitless
Dilution Factor:	20	Unitless

4. Target TPH Ground Water Concentation (if adjusted)

If you adjusted the target TPH ground water concentration, enter adjusted value here: 500 ug/L

A2 Soil Cleanup Levels: Calculation and Summary of Results. Refer to WAC 173-340-720, 740, 745, 747, 750

Site Information

Date: 10/18/2010
Site Name: Woodworth Lakevew Facility
Sample Name: A3-B2-P-100510-4.5
Measured Soil TPH Concentration, mg/kg: **10,733.045**

1. Summary of Calculation Results

Exposure Pathway	Method/Goal	Protective Soil TPH Conc, mg/kg	With Measured Soil Conc		Does Measured Soil Conc Pass or Fail?
			RISK @	HI @	
Protection of Soil Direct Contact: Human Health	Method B	3,739	3.10E-07	2.87E+00	Fail
	Method C	46,269	7.68E-08	2.32E-01	Pass
Protection of Method B Ground Water Quality (Leaching)	Potable GW: Human Health Protection	100% NAPL	2.80E-07	1.94E-01	Pass
	Target TPH GW Conc. @ 500 ug/L	100% NAPL	NA	NA	Pass

Warning! Check to determine if a simplified or site-specific Terrestrial Ecological Evaluation may be required (Refer to WAC 173-340-7490 through ~7494).

Warning! Check Residual Saturation (WAC340-747(10)).

2. Results for Protection of Soil Direct Contact Pathway: Human Health

	Method B: Unrestricted Land Use	Method C: Industrial Land Use
Protective Soil Concentration, TPH mg/kg	**3,738.83**	**46,268.50**
Most Stringent Criterion	**HI =1**	**HI =1**

Soil Criteria	Protective Soil Concentration @Method B				Protective Soil Concentration @Method C			
	Most Stringent?	TPH Conc, mg/kg	RISK @	HI @	Most Stringent?	TPH Conc, mg/kg	RISK @	HI @
HI =1	YES	3.74E+03	1.08E-07	1.00E+00	YES	4.63E+04	3.31E-07	1.00E+00
Total Risk=1E-5	*NO*	3.47E+05	1.00E-05	9.27E+01	*NO*	1.40E+06	1.00E-05	3.02E+01
Risk of Benzene= 1E-6	*NO*	1.95E+07	5.62E-04	5.21E+03	NA			
Risk of cPAHs mixture= 1E-6	*NO*	3.47E+04	1.00E-06	9.29E+00				
EDB	NA	NA	NA	NA				
EDC	NA	NA	NA	NA				

3. Results for Protection of Ground Water Quality (Leaching Pathway)

3.1. Protection of Potable Ground Water Quality (Method B): Human Health Protection

Most Stringent Criterion	**NA**
Protective Ground Water Concentration, ug/L	**NA**
Protective Soil Concentration, mg/kg	**Soil-to-Ground Water is not a critical pathway!**

Ground Water Criteria	Protective Potable Ground Water Concentration @Method B				Protective Soil Conc, mg/kg
	Most Stringent?	TPH Conc, ug/L	RISK @	HI @	
HI=1	YES	5.06E+01	3.13E-07	1.96E-01	100% NAPL
Total Risk = 1E-5	YES	5.06E+01	3.13E-07	1.96E-01	100% NAPL
Total Risk = 1E-6	YES	5.06E+01	3.13E-07	1.96E-01	100% NAPL
Risk of cPAHs mixture= 1E-5	YES	5.06E+01	3.13E-07	1.96E-01	100% NAPL
Benzene MCL = 5 ug/L	YES	5.06E+01	3.13E-07	1.96E-01	100% NAPL
MTBE = 20 ug/L	NA	NA	NA	NA	NA

Note: 100% NAPL is 73000 mg/kg TPH.

3.2 Protection of Ground Water Quality for TPH Ground Water Concentration previously adjusted and entered

Ground Water Criteria	Protective Ground Water Concentration			Protective Soil Conc, mg/kg
	TPH Conc, ug/L	Risk @	HI @	
Target TPH GW Conc = 500 ug/L	5.06E+01	3.13E-07	1.96E-01	**100% NAPL**