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May 21, 2012

Washington State Department of Transportation
Headquarters Environmental Services Office
P.O. Box 47417
Olympia, Washington 98504-7417

Attention: Jeff Sawyer

Subject: Site Summary Letter
Remedial Investigation Field Activities and Sampling Results
US 101 Midway Metals
Clallam County, Washington
File No. 0180-292-00

INTRODUCTION

GeoEngineers is pleased to present this letter which summarizes the Remedial Investigation (RI) field activities and sampling results of the Midway Metals property located at 258010 Highway 101, Sequim, Washington (Site). The Site is shown with respect to surrounding physical features on the Vicinity Map, Figure 1. This letter presents the sample locations, chemical analytical results and general observations made by GeoEngineers during field activities completed in December 2011 and February 2012.

BACKGROUND

Contamination was identified at the Site during an Initial Investigation performed by Washington State Department of Ecology (Ecology) and Clallam County Environmental Health (Clallam Health) (Initial Investigation Field Report, 2006) in conjunction with a Site Hazard Assessment performed by Clallam Health (Site Hazard Assessment, 2008). Washington State Department of Transportation (WSDOT) conducted a Phase II Environmental Site Assessment (ESA) in March 2011 to assess soil and groundwater conditions within a portion of the Site. Sample locations from these previous investigations are presented on the Site Plan, Figure 2.

The field activities conducted by GeoEngineers characterized the soil, groundwater, surface water and sediment on the Site. The field activities were based on the RI work plan completed and submitted to Ecology for review in December 2011. Sample locations are shown on Figure 3.

FIELD AND ANALYTICAL SUMMARY

GeoEngineers completed field activities in December 2011 and February 2012. Twenty (20) soil borings were completed on site using a direct-push drill rig operated by Cascade Drilling of Woodinville,

Washington. Of the 20 soil borings, three were sampled for groundwater (DP-1, DP-12 and DP-15). The direct-push rig achieved maximum depth with sampler probe refusal at all boring locations with the exception of some shallow borings that were completed to assess surface soil. In addition to the soil and groundwater samples, GeoEngineers collected three surface water samples and nine sediment samples from drainage ditches. The drainage ditches did not contain flowing surface water at the time of our Site visits. The three surface water samples were collected from standing water observed in the ditches.

A summary of analytical results detected at concentrations greater than respective regulatory action levels (in parentheses) are listed below.

Soil (Model Toxics Control Act [MTCA] Method A Unrestricted Land Use)

- Lube Oil-Range Hydrocarbons – Sample 3 Batteries, MM-SC2 and MM-SC3.
- Cadmium – DP-4, BP-5, DP-6, HA3, Sample 1 Lawn Mower, Sample 2 Tier 2 West and Sample 3 Batteries.
- Lead – Sample 3 Batteries and MM-SC3.
- Mercury – MM-B7-0-4.
- cPAHs – DP-9.

Groundwater (MTCA Method A Table Value)

- Total Arsenic – DP1-W, DP12-W and DP15-W.
- Total Chromium – DP12-W and DP15-W.
- Total Lead – DP15-W.
- Dissolved Arsenic – DP1-W.

Sediment (MTCA Method A Unrestricted Land Use)

- cPAHs – SED5.

Surface Water (ARAR – Aquatic Life -Fresh/Chronic - Ch. 173-201A WAC)[1]

- Total Lead – SW1, SW2 and SW9.
- Dissolved Lead – SW1, SW2 and SW9.
- Total Aroclors (PCBs) – SW1.

Surface Water (ARAR – Aquatic Life - Fresh/Chronic - Clean Water Act §304)[1]

- Total Lead – SW1, SW2 and SW9.
- Total Aroclors (PCBs) – SW1.

Surface Water (ARAR – Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131)[1]

- Total Lead – SW1, SW2 and SW9.

[1] ARARs and data gaps are currently being evaluated as part of the final RI (risk assessment).

The results listed above are presented in Table 1. All results are presented in Tables 2 through 5. The complete sets of laboratory analytical data are included in Appendix A

OBSERVATIONS

Site Soil Conditions

Geologic conditions observed during the RI field activities consisted of an upper unit of silty sand to sandy silt to approximately 2 feet below ground surface (bgs) (top soil), underlain by a lower unit of silty sand to silt with varying amounts of sand and gravel (weathered Glacial Till). The lower unit was relatively difficult to probe and typically resulted in sample probe refusal between 10 and 20 feet bgs.

Site Groundwater Conditions

There are two groundwater wells located on Site; one in the southwest portion of the Site and one in the northeast portion of the Site. The well in the northeast portion of the Site has a steel plate welded over the top of the well casing, preventing access. The other well was available to collect a groundwater sample. See Figure 2 for the well locations.

GeoEngineers measured groundwater levels in the well located in the southwest portion of the Site in December 2011 and February 2012. This well is installed to approximately 33 feet bgs. Groundwater was 5.22 feet bgs in December and 0.25 feet above ground surface in February. Soil borings completed near this well, DP-16 and DP-17 did not contain any groundwater at the time they were completed in February 2012.

Shallow groundwater was observed approximately 10 to 14 feet bgs in the northeast portion of the Site and approximately 3 to 5 feet bgs in the southern portion of the Site. Groundwater observed in the soil borings completed on Site appears to be constrained to isolated perched lenses or directly related to surface water infiltration.

LIMITATIONS

We have prepared this site summary letter for the exclusive use of WSDOT and their authorized agents for the US 101 Midway Metals project in Sequim, Washington.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. The conclusions and opinions presented in this report are based on our professional knowledge, judgment and experience. No warranty or other conditions, express or implied, should be understood.

We appreciate the opportunity to assist you with this project. Please call if you have any questions regarding this submittal.

Respectfully Submitted,
GeoEngineers, Inc.

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Attachments:
Tables 1A, 1B and 1C. Chemical Analytical Data Summary
Table 2A, 2B, 2C and 2D. Chemical Analytical Data – Soil
Table 3. Chemical Analytical Data – Groundwater
Table 4. Chemical Analytical Data – Sediment
Table 5. Chemical Analytical Data – Surface Water
Figure 1. Vicinity Map
Figure 2. Site Plan with Previous Sample Locations
Figure 3. Remedial Investigation Plan
Figure 4. Contaminant Boundary
Appendix A. Laboratory Analytical Data

TABLE 1A

CHEMICAL ANALYTICAL DATA SUMMARY

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Sample Identification	Date Collected	Sample Depth Interval (ft)	Analytes - Soil & Sediment											
			Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx			Metals by EPA6010B/7471A/SW7196A			PCBs by SW8082				cPAHs by SW8270	
			Gasoline-range hydrocarbons (mg/kg)	Diesel-range hydrocarbons (mg/kg)	Lube Oil-range Hydrocarbons (mg/kg)	Cadmium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	PCB-aroclor 1242 (µg/kg)	PCB-aroclor 1254 (µg/kg)	PCB-aroclor 1260 (µg/kg)	Total Aroclors (µg/kg)	Benzo(a) pyrene (µg/kg)	Total cPAH [5] TTEC (ND=0.5RL) (µg/kg)
Sample 1 Lawn Mower	10/10/2006	0-2	–	120	530	**4.1**	172	–	–	–	–	–	–	–
Sample 2 Tier 2 West	10/10/2006	0-2	–	280	1,300	**3.5**	136	–	–	–	–	–	–	–
Sample 3 Batteries	10/10/2006	0-2	–	1,800	**10,000**	**7.1**	**3,000**	–	–	–	–	–	–	–
MM-B7-0-4	3/2011	0-4	–	–	110	–	12	**2.0**	–	–	–	–	–	–
MM-B8-0-4	3/2011	0-4	–	–	1,900	–	18	–	–	–	–	–	–	–
MM-SC2	3/2011	0-2	24	–	**4,900**	–	150	–	–	–	–	–	–	–
MM-SC3	3/2011	0-2	13	–	**4,300**	–	**300**	–	–	–	–	–	–	–
DP-3-0.0-2.0	12/13/2011	0-2	6.3 U	180 U	880	0.8	40	–	59 U	59 U	59 U	59 U	28	38.15
DP-4-0.0-2.0	12/13/2011	0-2	7.6 U	100 U	580	**2.5**	150	–	420	67 U	67 U	420	9.5	12.92
DP-5-0.0-2.0	12/13/2011	0-2	5.7 U	200 U	1,100	**2.1**	130	–	89	140	58 U	229	46	62.72
DP-6-0.0-2.0	12/13/2011	0-2	5.4 U	280	1,100	**3.2**	160	–	140	56 U	130	270	33	45.63
DP-7-0.0-2.0	12/14/2011	0-2	7.2 U	34	130	0.81	93	–	120	63 U	79	199	8.5 U	9.24
DP-8-0.0-2.0	12/14/2011	0-2	18	30 U	150	0.55 U	24	–	55 U	58	55 U	58	7.3 U	6.06
DP-9-0.0-2.0	12/14/2011	0-2	8.4 U	73 U	360	1.6	85	–	70 U	70 U	70 U	70 U	**140**	**190.4**
DP-10-0.0-2.0	12/14/2011	0-2	42	34 U	120	0.58 U	8.3	–	58 U	58 U	58 U	58 U	7.8 U	5.89 U
DP-11-0.0-2.0	12/14/2011	0-2	5.8 U	91 U	480	0.89	26	–	58 U	58 U	58 U	58 U	7.7 U	7.11
DP-12-0.0-2.0	2/8/2012	0-2	5.3 U	28 U	130	0.55 U	19	–	55 U	55 U	55 U	55 U	21	24.31
DP-21-0.0-2.0	2/8/2012	0-2	–	100	470	0.83	48	–	–	–	–	–	–	–
HA3-0.0-2.0	2/9/2012	0-2	–	110 U	660	**2.7**	150	–	–	–	–	–	–	–
SED5	12/13/2011	–	7.6 U	120 U	950	0.89	120	0.33 U	69 U	160	66 U	160	**270**	**356.9**
		MTCA A ULU	**100**	**2,000**	**2,000**	**2.0**	**250**	**2.0**	NE	NE	NE	**1,000**	**100**	**100**

Bold Type Exceeds MTCA A (Soil - Unrestricted Land Use Cleanup Level)

TABLE 1B

DRAFT CHEMICAL ANALYTICAL DATA SUMMARY

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Sample Identification	Date Collected	Sample Depth Interval (ft)	Analytes - Groundwater			
			Metals by EPA6010B/7471A/SW7196A			
			Total Arsenic (µg/l)	Dissolved Arsenic (µg/l)	Dissolved Chromium (µg/l)	Dissolved Lead (µg/l)
DP1-W	12/13/2011	–	**18**	**21**	26	1.1 U
DP12-W	2/8/2012	–	**12**	3.0 U	**140**	12
DP15-W	2/8/2012	–	**27**	3.0 U	**180**	**16**
MTCA A			**5.0**	**5.0**	**50**	**15**

Bold Type Exceeds MTCA A (Groundwater - Table Value)

TABLE 1C

DRAFT CHEMICAL ANALYTICAL DATA SUMMARY

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Sample Identification	Date Collected	Sample Depth Interval (ft)	Analytes - Surface Water		
			Metals by EPA6010B/7471A/SW7196A		PCBs by SW8082
			Total Lead (µg/l)	Dissolved Lead (µg/l)	Total Aroclors (µg/l)
SW1	12/13/2011	–	**7.4**	**1.4**	**0.074 T**
SW2	12/13/2011	–	**4.0**	**1.4**	0.048 UT
SW9	2/8/2012	–	**8.3**	**1.6**	0.053 UT
Surface Water ARAR - Aquatic Life -Fresh/Chronic - Ch. 173-201A WAC			**0.54**	**0.54**	**0.014**
Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304			**2.5**	**2.5**	**0.014**
Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131			**2.5**	**2.5**	**0.14**

Bold Type Exceeds One or More ARAR Screening Level

TABLE 2A

CHEMICAL ANALYTICAL DATA - SOIL[1]

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-1-0-2 12/13/11 0 - 2	DP-1-13-15 12/13/11 13 - 15	DP-3-0-2 12/13/11 0 - 2	DP-3-3-4 [3] 12/13/11 3 - 4	DP-4-0-2 12/13/11 0 - 2	DP-4-5-6 [3] 12/13/11 5 - 6	DP-5-0-2 12/13/11 0 - 2	DP-5-6-7 [3] 12/13/11 6 - 7	DP-6-0-2 12/13/11 0 - 2	DP-6-3.5-4.5 [3] 12/13/11 3.5 - 4.5	DP-6-11.5-12.5 12/13/11 11.5 - 12.5	MTCA [2] A ULU
Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx													
Gasoline-range hydrocarbons	mg/kg	6.2 U	5.9 U	6.3 U	--	7.6 U	--	5.7 U	--	5.4 U	--	5.7 U	100
Diesel-range hydrocarbons	mg/kg	29 U	30 U	180 U	29 U	100 U	32 U	200 U	30 U	280	29 U	30 U	2,000
Lube Oil-range Hydrocarbons	mg/kg	58 U	59 U	880	58 U	580	64 U	1,100	60 U	1,100	59 U	60 U	2,000
Metals by EPA6010B/7471A/SW7196A													
Arsenic	mg/kg	12 U	12 U	12 U	--	13 U	13 U	12 U	12 U	11 U	12 U	12 U	20
Barium	mg/kg	70	30	89	--	99	54	120	72	72	46	42	NE
Cadmium	mg/kg	0.58 U	0.59 U	0.8	--	**2.5**	0.64 U	**2.1**	0.6 U	**3.2**	0.59 U	0.6 U	2.0
Chromium [4]	mg/kg	34	29	36	--	42	46	35	50	41	34	26	NE
Lead	mg/kg	5.8 U	5.9 U	40	--	150	6.4 U	130	6 U	160	5.9 U	6 U	250
Mercury	mg/kg	0.29 U	0.3 U	0.29 U	--	0.67	0.32 U	0.32	0.3 U	0.28 U	0.29 U	0.3 U	2.0
Selenium	mg/kg	12 U	12 U	12 U	--	13 U	13 U	12 U	12 U	11 U	12 U	12 U	NE
Silver	mg/kg	0.58 U	0.59 U	0.59 U	--	0.67 U	0.64 U	0.58 U	0.6 U	0.56 U	0.59 U	0.6 U	NE
PCBs by SW8082													
PCB-aroclor 1016	µg/kg	58 U	59 U	59 U	--	67 U	64 U	58 U	60 U	56 U	59 U	60 U	NE
PCB-aroclor 1221	µg/kg	58 U	59 U	59 U	--	67 U	64 U	58 U	60 U	56 U	59 U	60 U	NE
PCB-aroclor 1232	µg/kg	58 U	59 U	59 U	--	67 U	64 U	58 U	60 U	56 U	59 U	60 U	NE
PCB-aroclor 1242	µg/kg	58 U	59 U	59 U	--	420	64 U	89	60 U	140	59 U	60 U	NE
PCB-aroclor 1248	µg/kg	58 U	59 U	59 U	--	67 U	64 U	58 U	60 U	56 U	59 U	60 U	NE
PCB-aroclor 1254	µg/kg	58 U	59 U	59 U	--	67 U	64 U	140	60 U	56 U	59 U	60 U	NE
PCB-aroclor 1260	µg/kg	58 U	59 U	59 U	--	67 U	64 U	58 U	60 U	130	59 U	60 U	NE
Total Aroclors	µg/kg	58 U	59 U	59 U	--	420	64 U	229	60 U	270	59 U	60 U	1,000
PAHs by SW8270													
1-Methylnaphthalene	µg/kg	7.8 U	7.9 U	10	--	8.9 U	--	15	--	16	--	8 U	NE
2-Methylnaphthalene	µg/kg	7.8 U	7.9 U	20	--	18	--	32	--	45	--	8 U	NE
Acenaphthene	µg/kg	7.8 U	7.9 U	7.8 U	--	8.9 U	--	7.7 U	--	8.5	--	8 U	NE
Acenaphthylene	µg/kg	7.8 U	7.9 U	11	--	8.9 U	--	7.7 U	--	9.9	--	8 U	NE
Anthracene	µg/kg	7.8 U	7.9 U	11	--	8.9 U	--	14	--	15	--	8 U	NE
Benzo(a)anthracene	µg/kg	7.8 U	7.9 U	24	--	8.9 U	--	36	--	26	--	8 U	NE
Benzo(a)pyrene	µg/kg	7.8 U	7.9 U	28	--	9.5	--	46	--	33	--	8 U	100
Benzo(b)fluoranthene	µg/kg	7.8 U	7.9 U	39	--	15	--	62	--	47	--	8 U	NE
Benzo(ghi)perylene	µg/kg	7.8 U	7.9 U	25	--	12	--	45	--	38	--	8 U	NE
Benzo(j,k)fluoranthene	µg/kg	7.8 U	7.9 U	11	--	8.9 U	--	17	--	16	--	8 U	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-1-0-2 12/13/11 0 - 2	DP-1-13-15 12/13/11 13 - 15	DP-3-0-2 12/13/11 0 - 2	DP-3-3-4 [3] 12/13/11 3 - 4	DP-4-0-2 12/13/11 0 - 2	DP-4-5-6 [3] 12/13/11 5 - 6	DP-5-0-2 12/13/11 0 - 2	DP-5-6-7 [3] 12/13/11 6 - 7	DP-6-0-2 12/13/11 0 - 2	DP-6-3.5-4.5 [3] 12/13/11 3.5 - 4.5	DP-6-11.5-12.5 12/13/11 11.5 - 12.5	MTCA [2] A ULU
Chrysene	µg/kg	7.8 U	7.9 U	36	--	14	--	50	--	35	--	8 U	NE
Dibenzo(a,h)anthracene	µg/kg	7.8 U	7.9 U	7.8 U	--	8.9 U	--	9.2	--	7.5 U	--	8 U	NE
Dibenzofuran	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
Fluoranthene	µg/kg	7.8 U	7.9 U	45	--	17	--	63	--	45	--	8 U	NE
Fluorene	µg/kg	7.8 U	7.9 U	7.8 U	--	8.9 U	--	8.2	--	13	--	8 U	NE
Indeno(1,2,3-cd)pyrene	µg/kg	7.8 U	7.9 U	20	--	8.9 U	--	38	--	30	--	8 U	NE
Naphthalene	µg/kg	7.8 U	7.9 U	21	--	15	--	33	--	38	--	8 U	**5,000**
Phenanthrene	µg/kg	7.8 U	7.9 U	34	--	17	--	49	--	40	--	8 U	NE
Pyrene	µg/kg	13	7.9 U	47	--	20	--	68	--	63	--	8 U	NE
Total cPAH [5] TTEC (ND=0.5RL)	µg/kg	5.89 U	5.96 U	38.15	--	12.92	--	62.72	--	45.63	--	6.04 U	**100**
VOCs by SW8260													
1,1,1,2-Tetrachloroethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,1,1-Trichloroethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	**2,000**
1,1,2,2-Tetrachloroethane	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,1,2-Trichloroethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,1-Dichloroethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,1-Dichloroethene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,1-Dichloropropene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,2,3-Trichlorobenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,2,3-Trichloropropane	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,2,4-Trichlorobenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,2,4-Trimethylbenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,2-Dibromo-3-Chloropropane	µg/kg	4.7 U	5.3 U	5.5 U	--	380 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
1,2-dibromoethane (EDB)	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	**5.0**
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	1.9	0.95 U	NE
1,2-Dichloroethane (EDC)	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,2-Dichloropropane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,3,5-Trimethylbenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,3-Dichloropropane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
2,2-Dichloropropane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
2-Butanone (MEK)	µg/kg	35	5.3 U	100	--	5.6 U	5.6 U	5.2 U	5.4 U	6.0	4.8 U	4.8 U	NE
2-Chloroethyl vinyl ether	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
2-Chlorotoluene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
2-Hexanone	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-1-0-2 12/13/11 0 - 2	DP-1-13-15 12/13/11 13 - 15	DP-3-0-2 12/13/11 0 - 2	DP-3-3-4 [3] 12/13/11 3 - 4	DP-4-0-2 12/13/11 0 - 2	DP-4-5-6 [3] 12/13/11 5 - 6	DP-5-0-2 12/13/11 0 - 2	DP-5-6-7 [3] 12/13/11 6 - 7	DP-6-0-2 12/13/11 0 - 2	DP-6-3.5-4.5 [3] 12/13/11 3.5 - 4.5	DP-6-11.5-12.5 12/13/11 11.5 - 12.5	MTCA [2] A ULU
4-Chlorotoluene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
Acetone	µg/kg	200 E	46	520	--	5.6 U	5.6 U	5.2 U	5.4 U	53	16	4.8 U	NE
Benzene	µg/kg	1.4	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	**30**
Bromobenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Bromochloromethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Bromodichloromethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Bromoform (Tribromomethane)	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Bromomethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Carbon Disulfide	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Carbon Tetrachloride	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Chlorobenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Chloroethane	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
Chloroform	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Chloromethane	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
Cis-1,2-Dichloroethene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Cis-1,3-Dichloropropene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Dibromochloromethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Dibromomethane	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Dichlorodifluoromethane (CFC-12)	µg/kg	2.2	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Ethylbenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	**6,000**
Hexachlorobutadiene	µg/kg	4.7 U	5.3 U	5.5 U	--	380 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
Isopropylbenzene (Cumene)	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Methyl Iodide (Iodomethane)	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
Methyl t-butyl ether	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	**100**
Methylene Chloride	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	**20**
Naphthalene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	4.2	1.1 U	0.95 U	0.97 U	0.95 U	**5,000**
n-Butylbenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
n-Propylbenzene	µg/kg	4.3	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
p-Isopropyltoluene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Sec-Butylbenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Styrene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Tert-Butylbenzene	µg/kg	0.94 U	1.1 U	1.1 U	--	75 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Tetrachloroethene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	4.0	1.1 U	1.6	0.97 U	0.95 U	**50**
Toluene	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	**7,000**
Trans-1,2-Dichloroethene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Trans-1,3-Dichloropropene	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Trichloroethene (TCE)	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	**30**

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-1-0-2 12/13/11 0 - 2	DP-1-13-15 12/13/11 13 - 15	DP-3-0-2 12/13/11 0 - 2	DP-3-3-4 [3] 12/13/11 3 - 4	DP-4-0-2 12/13/11 0 - 2	DP-4-5-6 [3] 12/13/11 5 - 6	DP-5-0-2 12/13/11 0 - 2	DP-5-6-7 [3] 12/13/11 6 - 7	DP-6-0-2 12/13/11 0 - 2	DP-6-3.5-4.5 [3] 12/13/11 3.5 - 4.5	DP-6-11.5-12.5 12/13/11 11.5 - 12.5	MTCA [2] A ULU
Trichlorofluoromethane (CFC-11)	µg/kg	0.94 U	1.1 U	640	--	3,600	1.1 U	11	1.1 U	9.0	0.97 U	0.95 U	NE
Vinyl Acetate	µg/kg	4.7 U	5.3 U	5.5 U	--	5.6 U	5.6 U	5.2 U	5.4 U	4.8 U	4.8 U	4.8 U	NE
Vinyl Chloride	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Xylene, m-,p-	µg/kg	1.9 U	2.1 U	2.2 U	--	2.2 U	2.3 U	2.1 U	2.2 U	1.9 U	1.9 U	1.9 U	NE
Xylene, o-	µg/kg	0.94 U	1.1 U	1.1 U	--	1.1 U	1.1 U	1.0 U	1.1 U	0.95 U	0.97 U	0.95 U	NE
Xylene, Total	µg/kg	2.8 U	3.2 U	3.3 U	--	3.3 U	3.4 U	3.1 U	3.3 U	2.9 U	2.9 U	2.9 U	9,000
SVOCs by SW8270													
1,2-Diphenylhydrazine	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
1,3-Dinitrobenzene	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,3,4,6-Tetrachlorophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,3,5,6-Tetrachlorophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,3-DICHLOROANILINE	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,4,5-Trichlorophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,4,6-Trichlorophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,4-Dichlorophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,4-Dimethylphenol	µg/kg	390 U	--	--	--	--	--	--	--	1,900 U	--	--	NE
2,4-Dinitrophenol	µg/kg	190 U	--	--	--	--	--	--	--	940 U	--	--	NE
2,4-Dinitrotoluene	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2,6-Dinitrotoluene	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2-Chloronaphthalene	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2-Chlorophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2-Nitroaniline	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
2-Nitrophenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
3,3'-Dichlorobenzidine	µg/kg	390 U	--	--	--	--	--	--	--	1,900 U	--	--	NE
3-Nitroaniline	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
4,6-Dinitro-2-Methylphenol	µg/kg	190 U	--	--	--	--	--	--	--	940 U	--	--	NE
4-Bromophenyl phenyl ether	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
4-Chloro-3-Methylphenol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
4-Chloroaniline	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
4-Chlorophenyl-Phenylether	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
4-Nitroaniline	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
4-Nitrophenol (p-Nitrophenol)	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
Aniline	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
Benzene, 1,4-Dinitro-	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
Benzidine	µg/kg	390 U	--	--	--	--	--	--	--	1,900 U	--	--	NE
Benzyl Alcohol	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
Bis(2-Chloroethoxy)Methane	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE
Bis(2-Chloroethyl)Ether	µg/kg	39 U	--	--	--	--	--	--	--	190 U	--	--	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-1-0-2 12/13/11 0 - 2	DP-1-13-15 12/13/11 13 - 15	DP-3-0-2 12/13/11 0 - 2	DP-3-3-4 [3] 12/13/11 3 - 4	DP-4-0-2 12/13/11 0 - 2	DP-4-5-6 [3] 12/13/11 5 - 6	DP-5-0-2 12/13/11 0 - 2	DP-5-6-7 [3] 12/13/11 6 - 7	DP-6-0-2 12/13/11 0 - 2	DP-6-3.5-4.5 [3] 12/13/11 3.5 - 4.5	DP-6-11.5-12.5 12/13/11 11.5 - 12.5	MTCA [2] A ULU
Bis(2-chloroisopropyl) ether	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Bis(2-Ethylhexyl) Phthalate	µg/kg	190 U	–	–	–	–	–	–	–	970	–	–	NE
Butyl benzyl phthalate	µg/kg	390 U	–	–	–	–	–	–	–	1,900 U	–	–	NE
Carbazole	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Dibutyl phthalate	µg/kg	390 U	–	–	–	–	–	–	–	1,900 U	–	–	NE
Diethyl phthalate	µg/kg	190 U	–	–	–	–	–	–	–	940 U	–	–	NE
Dimethyl phthalate	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Di-N-Octyl Phthalate	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Hexachlorobenzene	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Hexachlorocyclopentadiene	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Hexachloroethane	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/kg	190 U	–	–	–	–	–	–	–	940 U	–	–	NE
Isophorone	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
m,p-Cresol	µg/kg	44	–	–	–	–	–	–	–	190 U	–	–	NE
Naphthalene	µg/kg	7.8 U	–	–	–	–	–	–	–	38	–	–	**5,000**
Nitrobenzene	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
N-Nitrosodimethylamine	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
N-Nitrosodi-n-propylamine	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
N-Nitrosodiphenylamine	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
o-Cresol (2-methylphenol)	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
O-DINITROBENZENE	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Pentachlorophenol	µg/kg	190 U	–	–	–	–	–	–	–	940 U	–	–	NE
Phenol	µg/kg	39 U	–	–	–	–	–	–	–	190 U	–	–	NE
Pyridine	µg/kg	390 U	–	–	–	–	–	–	–	1,900 U	–	–	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A Unrestricted Land Use (ULU) clean-up levels.

[3] Sample holding time was exceeded by one day for follow up analysis.

[4] The published natural background concentration for chromium in the Puget Sound region is 48 mg/kg (*Natural Background Soil Metals Concentrations in Washington State* . Publication #94-115. October 1994.)

[5] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation

PCBs = Polychlorinated biphenyls

PAHs = Polycyclic aromatic hydrocarbons

VOCs = Volatile organic compound

SVOCs = Semivolatile organic compound

µg/kg = microgram per kilogram

mg/kg = miligrams per kilogram

– = Not analyzed

U = The analyte was not detected at a concentration greater than the given RL or MDL.

E = The concentration reported exceeds the quantitation range and is an estimate.

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

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

NE = A cleanup level has not been established by Ecology.

Bold Type Exceeds MTCA A (Soil - Unrestricted Land Use Cleanup Level)

TABLE 2B

CHEMICAL ANALYTICAL DATA - SOIL[1]

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-7-0-2 12/14/11 0 - 2	DP-7-5-6 12/14/11 5 - 6	DP-8-0-2 12/14/11 0 - 2	DP-8-2-3 [3] 12/14/11 2 - 3	DP-9-0-2 12/14/11 0 - 2	DP-9-6-7 [3] 12/14/11 6 - 7	DP-10-0-2 12/14/11 0 - 2	DP-10-13-15 12/14/11 13 - 15	DP-DUPE-1 12/14/11 13 - 15	DP-11-0-2 12/14/11 2 - 2	DP-11-2-3.5 12/14/11 2 - 3.5	MTCA [2] A ULU
Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx	**Units**												
Gasoline-range hydrocarbons	mg/kg	7.2 U	--	18	5.2 U	8.4 U	--	42	5.1 U	5.7 U	5.8 U	5.1 U	**100**
Diesel-range hydrocarbons	mg/kg	34	--	30 U	--	73 U	--	34 U	28 U	28 U	91 U	29 U	**2,000**
Lube Oil-range Hydrocarbons	mg/kg	130	--	150	--	360	--	120	56 U	56 U	480	58 U	**2,000**
Metals by EPA6010B/7471A/SW7196A													
Arsenic	mg/kg	13 U	--	11 U	--	14 U	--	12 U	11 U	11 U	12 U	12 U	**20**
Barium	mg/kg	88	--	46	--	84	--	70	58	56	82	74	NE
Cadmium	mg/kg	0.81	--	0.55 U	--	1.6	--	0.58 U	0.56 U	0.56 U	0.89	0.58 U	**2.0**
Chromium [4]	mg/kg	31	--	29	--	46	--	34	38	33	37	45	NE
Chromium, Hexavalent	mg/kg	--	--	--	--	--	--	--	--	--	--	--	**19**
Lead	mg/kg	93	--	24	--	85	--	8.3	5.6 U	5.6 U	26	5.8 U	**250**
Mercury	mg/kg	0.32 U	--	0.27 U	--	0.35 U	--	0.29 U	0.28 U	0.28 U	0.29 U	0.29 U	**2.0**
Selenium	mg/kg	13 U	--	11 U	--	14 U	--	12 U	11 U	11 U	12 U	12 U	NE
Silver	mg/kg	0.63 U	--	0.55 U	--	0.7 U	--	0.58 U	0.56 U	0.56 U	0.58 U	0.58 U	NE
PCBs by SW8082													
PCB-aroclor 1016	µg/kg	63 U	61 U	55 U	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
PCB-aroclor 1221	µg/kg	63 U	61 U	55 U	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
PCB-aroclor 1232	µg/kg	63 U	61 U	55 U	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
PCB-aroclor 1242	µg/kg	120	61 U	55 U	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
PCB-aroclor 1248	µg/kg	63 U	61 U	55 U	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
PCB-aroclor 1254	µg/kg	63 U	61 U	58	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
PCB-aroclor 1260	µg/kg	79	61 U	55 U	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	NE
Total Aroclors	µg/kg	199	61 U	58	57 U	70 U	--	58 U	56 U	56 U	58 U	58 U	**1,000**
PAHs by SW8270													
1-Methylnaphthalene	µg/kg	8.5 U	--	7.3 U	--	9.4 U	8.3 U	20	7.5 U	7.5 U	7.7 U	7.7 U	NE
2-Methylnaphthalene	µg/kg	8.8	--	7.3 U	--	13	8.3 U	37	7.5 U	7.5 U	7.7 U	7.7 U	NE
Acenaphthene	µg/kg	8.5 U	--	7.3 U	--	19	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Acenaphthylene	µg/kg	8.5 U	--	7.3 U	--	37	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Anthracene	µg/kg	8.5 U	--	7.3 U	--	72	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Benzo(a)anthracene	µg/kg	27	--	7.3 U	--	160	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Benzo(a)pyrene	µg/kg	8.5 U	--	7.3 U	--	**140**	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	**100**
Benzo(b)fluoranthene	µg/kg	9.7	--	9.1	--	170	8.3 U	7.8 U	7.5 U	7.5 U	9.9	7.7 U	NE
Benzo(ghi)perylene	µg/kg	8.5 U	--	7.3 U	--	76	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-7-0-2 12/14/11 0 - 2	DP-7-5-6 12/14/11 5 - 6	DP-8-0-2 12/14/11 0 - 2	DP-8-2-3 [3] 12/14/11 2 - 3	DP-9-0-2 12/14/11 0 - 2	DP-9-6-7 [3] 12/14/11 6 - 7	DP-10-0-2 12/14/11 0 - 2	DP-10-13-15 12/14/11 13 - 15	DP-DUPE-1 12/14/11 13 - 15	DP-11-0-2 12/14/11 2 - 2	DP-11-2-3.5 12/14/11 2 - 3.5	MTCA [2] A ULU
Benzo(j,k)fluoranthene	µg/kg	8.5 U	--	7.3 U	--	57	8.3 U	7.8 U	7.5 U	7.5 U	10	7.7 U	NE
Chrysene	µg/kg	8.5 U	--	7.3 U	--	150	8.3 U	7.8 U	7.5 U	7.5 U	11	7.7 U	NE
Dibenzo(a,h)anthracene	µg/kg	8.5 U	--	7.3 U	--	20	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Dibenzofuran	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Fluoranthene	µg/kg	16	--	8.5	--	350	8.3 U	10	7.5 U	7.5 U	15	7.7 U	NE
Fluorene	µg/kg	8.5 U	--	7.3 U	--	28	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Indeno(1,2,3-cd)pyrene	µg/kg	8.5 U	--	7.3 U	--	82	8.3 U	7.8 U	7.5 U	7.5 U	7.7 U	7.7 U	NE
Naphthalene	µg/kg	8.5 U	--	8.1	--	16	8.3 U	29	7.5 U	7.5 U	26	7.7 U	5,000
Phenanthrene	µg/kg	12	--	8.2	--	220	8.3 U	13	7.5 U	7.5 U	10	7.7 U	NE
Pyrene	µg/kg	15	--	10	--	280	8.3 U	11	7.5 U	7.5 U	22	7.7 U	NE
Total cPAH [5] TTEC (ND=0.5RL)	µg/kg	9.24	--	6.06	--	**190.4**	6.27 U	5.89 U	5.66 U	5.66 U	7.11	5.81 U	100
VOCs by SW8260													
1,1,1,2-Tetrachloroethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,1,1-Trichloroethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	2,000
1,1,2,2-Tetrachloroethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,1,2-Trichloroethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,1-Dichloroethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,1-Dichloroethene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,1-Dichloropropene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2,3-Trichlorobenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2,3-Trichloropropane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2,4-Trichlorobenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2,4-Trimethylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	2,500	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2-Dibromo-3-Chloropropane	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	290 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
1,2-dibromoethane (EDB)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	5.0
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2-Dichloroethane (EDC)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,2-Dichloropropane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,3,5-Trimethylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	840	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,3-Dichloropropane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
2,2-Dichloropropane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
2-Butanone (MEK)	µg/kg	5.9 U	--	4.6 U	--	9.1	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
2-Chloroethyl vinyl ether	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
2-Chlorotoluene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
2-Hexanone	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-7-0-2 12/14/11 0 - 2	DP-7-5-6 12/14/11 5 - 6	DP-8-0-2 12/14/11 0 - 2	DP-8-2-3 [3] 12/14/11 2 - 3	DP-9-0-2 12/14/11 0 - 2	DP-9-6-7 [3] 12/14/11 6 - 7	DP-10-0-2 12/14/11 0 - 2	DP-10-13-15 12/14/11 13 - 15	DP-DUPE-1 12/14/11 13 - 15	DP-11-0-2 12/14/11 2 - 2	DP-11-2-3.5 12/14/11 2 - 3.5	MTCA [2] A ULU
4-Chlorotoluene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
Acetone	µg/kg	5.9 U	--	4.6 U	--	97	--	4.8 U	4.5 U	4.9 U	49	4.4 U	NE
Benzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	13	0.9 U	0.97 U	1.1 U	0.89 U	30
Bromobenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Bromochloromethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Bromodichloromethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Bromoform (Tribromomethane)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Bromomethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Carbon Disulfide	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Carbon Tetrachloride	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Chlorobenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Chloroethane	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
Chloroform	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Chloromethane	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
Cis-1,2-Dichloroethene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Cis-1,3-Dichloropropene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Dibromochloromethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Dibromomethane	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Dichlorodifluoromethane (CFC-12)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Ethylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	230	0.9 U	0.97 U	1.1 U	0.89 U	6,000
Hexachlorobutadiene	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	290 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
Isopropylbenzene (Cumene)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	40	0.9 U	0.97 U	1.1 U	0.89 U	NE
Methyl Iodide (Iodomethane)	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
Methyl t-butyl ether	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	100
Methylene Chloride	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	9.5 H	4.5 U	4.9 U	5.4 U	4.4 U	20
Naphthalene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	660	0.9 U	0.97 U	1.1 U	0.89 U	5,000
n-Butylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
n-Propylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	270	0.9 U	0.97 U	1.1 U	0.89 U	NE
p-Isopropyltoluene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Sec-Butylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	98	0.9 U	0.97 U	1.1 U	0.89 U	NE
Styrene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	5.5	0.9 U	0.97 U	1.1 U	0.89 U	NE
Tert-Butylbenzene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	59 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Tetrachloroethene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	19	0.9 U	0.97 U	1.1 U	0.89 U	50
Toluene	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	410	4.5 U	4.9 U	5.4 U	4.4 U	7,000
Trans-1,2-Dichloroethene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Trans-1,3-Dichloropropene	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Trichloroethene (TCE)	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	30

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-7-0-2 12/14/11 0 - 2	DP-7-5-6 12/14/11 5 - 6	DP-8-0-2 12/14/11 0 - 2	DP-8-2-3 [3] 12/14/11 2 - 3	DP-9-0-2 12/14/11 0 - 2	DP-9-6-7 [3] 12/14/11 6 - 7	DP-10-0-2 12/14/11 0 - 2	DP-10-13-15 12/14/11 13 - 15	DP-DUPE-1 12/14/11 13 - 15	DP-11-0-2 12/14/11 2 - 2	DP-11-2-3.5 12/14/11 2 - 3.5	MTCA [2] A ULU
Trichlorofluoromethane (CFC-11)	µg/kg	1.2 U	--	0.92 U	--	3.7	--	780	0.9 U	0.97 U	1.1 U	0.89 U	NE
Vinyl Acetate	µg/kg	5.9 U	--	4.6 U	--	6.7 U	--	4.8 U	4.5 U	4.9 U	5.4 U	4.4 U	NE
Vinyl Chloride	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	0.96 U	0.9 U	0.97 U	1.1 U	0.89 U	NE
Xylene, m-,p-	µg/kg	2.3 U	--	1.8 U	--	2.7 U	--	1,200	1.8 U	1.9 U	2.2 U	1.8 U	NE
Xylene, o-	µg/kg	1.2 U	--	0.92 U	--	1.3 U	--	620	0.9 U	0.97 U	1.1 U	0.89 U	NE
Xylene, Total	µg/kg	3.5 U	--	2.7 U	--	4.0 U	--	1,820	2.7 U	2.9 U	3.3 U	2.7 U	9,000
SVOCs by SW8270													
1,2-Diphenylhydrazine	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
1,3-Dinitrobenzene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,3,4,6-Tetrachlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,3,5,6-Tetrachlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,3-DICHLOROANILINE	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,4,5-Trichlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,4,6-Trichlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,4-Dichlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,4-Dimethylphenol	µg/kg	--	--	--	--	--	--	--	--	--	1900 U	--	NE
2,4-Dinitrophenol	µg/kg	--	--	--	--	--	--	--	--	--	960 U	--	NE
2,4-Dinitrotoluene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2,6-Dinitrotoluene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2-Chloronaphthalene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2-Chlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2-Nitroaniline	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
2-Nitrophenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
3,3'-Dichlorobenzidine	µg/kg	--	--	--	--	--	--	--	--	--	1900 U	--	NE
3-Nitroaniline	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
4,6-Dinitro-2-Methylphenol	µg/kg	--	--	--	--	--	--	--	--	--	960 U	--	NE
4-Bromophenyl phenyl ether	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
4-Chloro-3-Methylphenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
4-Chloroaniline	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
4-Chlorophenyl-Phenylether	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
4-Nitroaniline	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
4-Nitrophenol (p-Nitrophenol)	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Aniline	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Benzene, 1,4-Dinitro-	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Benzidine	µg/kg	--	--	--	--	--	--	--	--	--	1900 U	--	NE
Benzyl Alcohol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Bis(2-Chloroethoxy)Methane	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Bis(2-Chloroethyl)Ether	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Bis(2-chloroisopropyl) ether	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-7-0-2 12/14/11 0 - 2	DP-7-5-6 12/14/11 5 - 6	DP-8-0-2 12/14/11 0 - 2	DP-8-2-3 [3] 12/14/11 2 - 3	DP-9-0-2 12/14/11 0 - 2	DP-9-6-7 [3] 12/14/11 6 - 7	DP-10-0-2 12/14/11 0 - 2	DP-10-13-15 12/14/11 13 - 15	DP-DUPE-1 12/14/11 13 - 15	DP-11-0-2 12/14/11 2 - 2	DP-11-2-3.5 12/14/11 2 - 3.5	MTCA [2] A ULU
Bis(2-Ethylhexyl) Phthalate	µg/kg	--	--	--	--	--	--	--	--	--	46,000	--	NE
Butyl benzyl phthalate	µg/kg	--	--	--	--	--	--	--	--	--	1900 U	--	NE
Carbazole	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Dibutyl phthalate	µg/kg	--	--	--	--	--	--	--	--	--	1900 U	--	NE
Diethyl phthalate	µg/kg	--	--	--	--	--	--	--	--	--	960 U	--	NE
Dimethyl phthalate	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Di-N-Octyl Phthalate	µg/kg	--	--	--	--	--	--	--	--	--	6,700	--	NE
Hexachlorobenzene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Hexachlorocyclopentadiene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Hexachloroethane	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/kg	--	--	--	--	--	--	--	--	--	960 U	--	NE
Isophorone	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
m,p-Cresol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Naphthalene	µg/kg	--	--	--	--	--	--	--	--	--	26	--	**5,000**
Nitrobenzene	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
N-Nitrosodimethylamine	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
N-Nitrosodi-n-propylamine	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
N-Nitrosodiphenylamine	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
o-Cresol (2-methylphenol)	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
O-DINITROBENZENE	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Pentachlorophenol	µg/kg	--	--	--	--	--	--	--	--	--	960 U	--	NE
Phenol	µg/kg	--	--	--	--	--	--	--	--	--	190 U	--	NE
Pyridine	µg/kg	--	--	--	--	--	--	--	--	--	1900 U	--	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A Unrestricted Land Use (ULU) clean-up levels.

[3] Sample holding time was exceeded by one day for follow up analysis.

[4] The published natural background concentration for chromium in the Puget Sound region is 48 mg/kg (*Natural Background Soil Metals Concentrations in Washington State* . Publication #94-115. October 1994.)

[5] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation procedure is completed using toxicity equivalency factors for each individual compound which are then added to produce a total toxicity equivalent concentration (TTEC) which is then compared to the MTCA cleanup level of 0.1 mg/kg (or 100 µg/kg).

PCBs = Polychlorinated biphenyls

PAHs = Polycyclic aromatic hydrocarbons

VOCs = Volatile organic compound

SVOCs = Semivolatile organic compound

µg/kg = microgram per kilogram

mg/kg = miligrams per kilogram

-- = Not analyzed

U = The analyte was not detected at a concentration greater than the given RL or MDL.

E = The concentration reported exceeds the quantitation range and is an estimate.

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

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

NE = A cleanup level has not been established by Ecology.

Bold Type Exceeds MTCA A (Soil - Unrestricted Land Use Cleanup Level)

TABLE 2C

CHEMICAL ANALYTICAL DATA - SOIL[1]

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-12-0.0-2.0 2/08/12 0 - 2	DP-12-5.0-7.5 2/08/12 5 - 7.5	DP-13-0.0-1.5 2/08/12 0 - 1.5	DP-14-0.0-2.0 2/08/12 0 - 2	DP-15-0.0-2.0 2/08/12 0 - 2	DP-15-5.0-7.0 2/08/12 5 - 7	DP-16-0.0-2.0 2/08/12 0 - 2	DP-17-0.0-2.0 2/08/12 0 - 2	DP-18-0.0-2.0 2/08/12 0 - 2	DP-19-0.0-2.0 2/08/12 0 - 2	DP-19-2.0-3.0 2/08/12 2 - 3	MTCA [2] A ULU
Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx													
Gasoline-range hydrocarbons	mg/kg	5.3 U	4.9 U	6.1 U	5.7 U	7.2 U	6.6 U	5 U	5.2 U	5.4 U	5 U	--	100
Diesel-range hydrocarbons	mg/kg	28 U	30 U	31 U	28 U	30 U	32 U	29 U	29 U	--	--	--	2,000
Lube Oil-range Hydrocarbons	mg/kg	130	59 U	63 U	56 U	60 U	65 U	58 U	58 U	--	--	--	2,000
Metals by EPA6010B/7471A/SW7196A													
Arsenic	mg/kg	11 U	12 U	13 U	11 U	12 U	13 U	12 U	12 U	--	--	--	20
Barium	mg/kg	75	29	97	43	110	62	45	55	--	--	--	NE
Cadmium	mg/kg	0.55 U	0.59 U	0.63 U	0.56 U	0.59 U	0.65 U	0.58 U	0.58 U	--	--	--	2.0
Chromium [4]	mg/kg	34	35	37	31	25	26	28	31	--	--	--	NE
Chromium, Hexavalent	mg/kg	--	--	1.3 U	--	--	--	--	--	--	--	--	19
Lead	mg/kg	19	5.9 U	6.3 U	5.6 U	5.9 U	6.5 U	5.8 U	5.8 U	--	--	--	250
Mercury	mg/kg	0.28 U	0.3 U	0.31 U	0.28 U	0.3 U	0.32 U	0.29 U	0.29 U	--	--	--	2.0
Selenium	mg/kg	11 U	12 U	13 U	11 U	12 U	13 U	12 U	12 U	--	--	--	NE
Silver	mg/kg	0.55 U	0.59 U	0.63 U	0.56 U	0.59 U	0.65 U	0.58 U	0.58 U	--	--	--	NE
PCBs by SW8082													
PCB-aroclor 1016	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
PCB-aroclor 1221	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
PCB-aroclor 1232	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
PCB-aroclor 1242	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
PCB-aroclor 1248	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
PCB-aroclor 1254	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
PCB-aroclor 1260	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	NE
Total Aroclors	µg/kg	55 U	59 U	63 U	56 U	59 U	65 U	58 U	58 U	--	--	--	1,000
PAHs by SW8270													
1-Methylnaphthalene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
2-Methylnaphthalene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Acenaphthene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Acenaphthylene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Anthracene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Benzo(a)anthracene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Benzo(a)pyrene	µg/kg	21	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	100
Benzo(b)fluoranthene	µg/kg	11	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Benzo(ghi)perylene	µg/kg	46	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-12-0.0-2.0 2/08/12 0 - 2	DP-12-5.0-7.5 2/08/12 5 - 7.5	DP-13-0.0-1.5 2/08/12 0 - 1.5	DP-14-0.0-2.0 2/08/12 0 - 2	DP-15-0.0-2.0 2/08/12 0 - 2	DP-15-5.0-7.0 2/08/12 5 - 7	DP-16-0.0-2.0 2/08/12 0 - 2	DP-17-0.0-2.0 2/08/12 0 - 2	DP-18-0.0-2.0 2/08/12 0 - 2	DP-19-0.0-2.0 2/08/12 0 - 2	DP-19-2.0-3.0 2/08/12 2 - 3	MTCA [2] A ULU
Benzo(j,k)fluoranthene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Chrysene	µg/kg	9.6	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Dibenzo(a,h)anthracene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Dibenzofuran	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Fluoranthene	µg/kg	7.4 U	7.9 U	17	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Fluorene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Indeno(1,2,3-cd)pyrene	µg/kg	10	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Naphthalene	µg/kg	7.4 U	7.9 U	8.4 U	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	5,000
Phenanthrene	µg/kg	7.4 U	7.9 U	11	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Pyrene	µg/kg	11	7.9 U	16	7.5 U	7.9 U	8.6 U	7.7 U	7.7 U	--	--	--	NE
Total cPAH [5] TTEC (ND=0.5RL)	µg/kg	24.31	5.96 U	6.34 U	5.66 U	5.96 U	6.49 U	5.81 U	5.81 U	--	--	--	100
VOCs by SW8260													
1,1,1,2-Tetrachloroethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,1,1-Trichloroethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	2,000
1,1,2,2-Tetrachloroethane	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,1,2-Trichloroethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,1-Dichloroethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,1-Dichloroethene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,1-Dichloropropene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,2,3-Trichlorobenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,2,3-Trichloropropane	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,2,4-Trichlorobenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,2,4-Trimethylbenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	21	0.97 U	NE
1,2-Dibromo-3-Chloropropane	µg/kg	4.1 U	4.2 U	310 U	4.1 U	270 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
1,2-dibromoethane (EDB)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	5.0
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,2-Dichloroethane (EDC)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,2-Dichloropropane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,3,5-Trimethylbenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	13	0.97 U	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,3-Dichloropropane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
2,2-Dichloropropane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
2-Butanone (MEK)	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
2-Chloroethyl vinyl ether	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
2-Chlorotoluene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
2-Hexanone	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-12-0.0-2.0 2/08/12 0 - 2	DP-12-5.0-7.5 2/08/12 5 - 7.5	DP-13-0.0-1.5 2/08/12 0 - 1.5	DP-14-0.0-2.0 2/08/12 0 - 2	DP-15-0.0-2.0 2/08/12 0 - 2	DP-15-5.0-7.0 2/08/12 5 - 7	DP-16-0.0-2.0 2/08/12 0 - 2	DP-17-0.0-2.0 2/08/12 0 - 2	DP-18-0.0-2.0 2/08/12 0 - 2	DP-19-0.0-2.0 2/08/12 0 - 2	DP-19-2.0-3.0 2/08/12 2 - 3	MTCA [2] A ULU
4-Chlorotoluene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	6.6	4.8 U	NE
Acetone	µg/kg	4.1 U	13	23	4.1 U	100	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
Benzene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	30
Bromobenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Bromochloromethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Bromodichloromethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Bromoform (Tribromomethane)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Bromomethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Carbon Disulfide	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Carbon Tetrachloride	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Chlorobenzene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Chloroethane	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
Chloroform	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Chloromethane	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
Cis-1,2-Dichloroethene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Cis-1,3-Dichloropropene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Dibromochloromethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Dibromomethane	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Dichlorodifluoromethane (CFC-12)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Ethylbenzene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	3.5	0.97 U	6,000
Hexachlorobutadiene	µg/kg	4.1 U	4.2 U	310 U	4.1 U	270 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
Isopropylbenzene (Cumene)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Methyl Iodide (Iodomethane)	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
Methyl t-butyl ether	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	100
Methylene Chloride	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	20
Naphthalene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	2.0	0.97 U	5,000
n-Butylbenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	1.6	0.97 U	NE
n-Propylbenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	2.5	0.97 U	NE
p-Isopropyltoluene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Sec-Butylbenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Styrene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Tert-Butylbenzene	µg/kg	0.83 U	0.83 U	63 U	0.83 U	55 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Tetrachloroethene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	50
Toluene	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	6.6	4.8 U	7,000
Trans-1,2-Dichloroethene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Trans-1,3-Dichloropropene	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Trichloroethene (TCE)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	30

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-12-0.0-2.0 2/08/12 0 - 2	DP-12-5.0-7.5 2/08/12 5 - 7.5	DP-13-0.0-1.5 2/08/12 0 - 1.5	DP-14-0.0-2.0 2/08/12 0 - 2	DP-15-0.0-2.0 2/08/12 0 - 2	DP-15-5.0-7.0 2/08/12 5 - 7	DP-16-0.0-2.0 2/08/12 0 - 2	DP-17-0.0-2.0 2/08/12 0 - 2	DP-18-0.0-2.0 2/08/12 0 - 2	DP-19-0.0-2.0 2/08/12 0 - 2	DP-19-2.0-3.0 2/08/12 2 - 3	MTCA [2] A ULU
Trichlorofluoromethane (CFC-11)	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	2.6	0.97 U	NE
Vinyl Acetate	µg/kg	4.1 U	4.2 U	4.8 U	4.1 U	5.4 U	5.4 U	4.4 U	4.7 U	5.3 U	4.4 U	4.8 U	NE
Vinyl Chloride	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	0.88 U	0.97 U	NE
Xylene, m-,p-	µg/kg	1.7 U	1.7 U	1.9 U	1.7 U	2.1 U	2.1 U	1.8 U	1.9 U	2.1 U	21	1.9 U	NE
Xylene, o-	µg/kg	0.83 U	0.83 U	0.97 U	0.83 U	1.1 U	1.1 U	0.88 U	0.94 U	1.1 U	13	0.97 U	NE
Xylene, Total	µg/kg	2.5 U	2.5 U	2.9 U	2.5 U	3.2 U	3.2 U	2.7 U	2.8 U	3.2 U	34	2.9 U	9,000
SVOCs by SW8270													
1,2-Diphenylhydrazine	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
1,3-Dinitrobenzene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,3,4,6-Tetrachlorophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,3,5,6-Tetrachlorophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,3-DICHLOROANILINE	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,4,5-Trichlorophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,4,6-Trichlorophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,4-Dichlorophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,4-Dimethylphenol	µg/kg	370 U	--	--	--	400 U	--	--	--	--	--	--	NE
2,4-Dinitrophenol	µg/kg	180 U	--	--	--	200 U	--	--	--	--	--	--	NE
2,4-Dinitrotoluene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2,6-Dinitrotoluene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2-Chloronaphthalene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2-Chlorophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2-Nitroaniline	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
2-Nitrophenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
3,3'-Dichlorobenzidine	µg/kg	370 U	--	--	--	400 U	--	--	--	--	--	--	NE
3-Nitroaniline	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
4,6-Dinitro-2-Methylphenol	µg/kg	180 U	--	--	--	200 U	--	--	--	--	--	--	NE
4-Bromophenyl phenyl ether	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
4-Chloro-3-Methylphenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
4-Chloroaniline	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
4-Chlorophenyl-Phenylether	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
4-Nitroaniline	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
4-Nitrophenol (p-Nitrophenol)	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Aniline	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Benzene, 1,4-Dinitro-	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Benzidine	µg/kg	370 U	--	--	--	400 U	--	--	--	--	--	--	NE
Benzyl Alcohol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Bis(2-Chloroethoxy)Methane	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Bis(2-Chloroethyl)Ether	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Bis(2-chloroisopropyl) ether	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)											Screening Levels
		DP-12-0.0-2.0 2/08/12 0 - 2	DP-12-5.0-7.5 2/08/12 5 - 7.5	DP-13-0.0-1.5 2/08/12 0 - 1.5	DP-14-0.0-2.0 2/08/12 0 - 2	DP-15-0.0-2.0 2/08/12 0 - 2	DP-15-5.0-7.0 2/08/12 5 - 7	DP-16-0.0-2.0 2/08/12 0 - 2	DP-17-0.0-2.0 2/08/12 0 - 2	DP-18-0.0-2.0 2/08/12 0 - 2	DP-19-0.0-2.0 2/08/12 0 - 2	DP-19-2.0-3.0 2/08/12 2 - 3	MTCA [2] A ULU
Bis(2-Ethylhexyl) Phthalate	µg/kg	230	--	--	--	200 U	--	--	--	--	--	--	NE
Butyl benzyl phthalate	µg/kg	370 U	--	--	--	400 U	--	--	--	--	--	--	NE
Carbazole	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Dibutyl phthalate	µg/kg	370 U	--	--	--	400 U	--	--	--	--	--	--	NE
Diethyl phthalate	µg/kg	180 U	--	--	--	200 U	--	--	--	--	--	--	NE
Dimethyl phthalate	µg/kg	120	--	--	--	40 U	--	--	--	--	--	--	NE
Di-N-Octyl Phthalate	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Hexachlorobenzene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Hexachlorocyclopentadiene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Hexachloroethane	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/kg	180 U	--	--	--	200 U	--	--	--	--	--	--	NE
Isophorone	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
m,p-Cresol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Naphthalene	µg/kg	7.4 U	--	--	--	7.9 U	--	--	--	--	--	--	**5,000**
Nitrobenzene	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
N-Nitrosodimethylamine	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
N-Nitrosodi-n-propylamine	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
N-Nitrosodiphenylamine	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
o-Cresol (2-methylphenol)	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
O-DINITROBENZENE	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Pentachlorophenol	µg/kg	180 U	--	--	--	200 U	--	--	--	--	--	--	NE
Phenol	µg/kg	37 U	--	--	--	40 U	--	--	--	--	--	--	NE
Pyridine	µg/kg	370 U	--	--	--	400 U	--	--	--	--	--	--	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A Unrestricted Land Use (ULU) clean-up levels.

[3] Sample holding time was exceeded by one day for follow up analysis.

[4] The published natural background concentration for chromium in the Puget Sound region is 48 mg/kg (*Natural Background Soil Metals Concentrations in Washington State* . Publication #94-115. October 1994.)

[5] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation procedure is completed using toxicity equivalency factors for each individual compound which are then added to produce a total toxicity equivalent concentration (TTEC) which is then compared to the MTCA cleanup level of 0.1 mg/kg (or 100 µg/kg).

PCBs = Polychlorinated biphenyls

PAHs = Polycyclic aromatic hydrocarbons

VOCs = Volatile organic compound

SVOCs = Semivolatile organic compound

µg/kg = microgram per kilogram

mg/kg = miligrams per kilogram

– = Not analyzed

U = The analyte was not detected at a concentration greater than the given RL or MDL.

E = The concentration reported exceeds the quantitation range and is an estimate.

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

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

NE = A cleanup level has not been established by Ecology.

Bold Type Exceeds MTCA A (Soil - Unrestricted Land Use Cleanup Level)

TABLE 2D

CHEMICAL ANALYTICAL DATA - SOIL[1]

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Analytes	Units	Sample ID, Date andDepth (in ft.)							Screening Levels
		DP-20-0.0-2.0 2/08/12 0 - 2	DP-21-0.0-2.0 2/08/12 0 - 2	DP-21-2.0-3.0 2/08/12 2 - 3	HA1-0.0-2.0 2/09/12 0 - 2	HA2-0.0-2.0 2/09/12 0 - 2	HA3-0.0-2.0 2/09/12 0 - 2	HA4-0.0-2.0 2/09/12 0 - 2	MTCA [2] A ULU
Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx	**Units**								
Gasoline-range hydrocarbons	mg/kg	5.5 U	--	--	--	--	--	--	**100**
Diesel-range hydrocarbons	mg/kg	--	100	32 U	31 U	34 U	110 U	--	**2,000**
Lube Oil-range Hydrocarbons	mg/kg	--	470	63 U	62 U	67 U	660	--	**2,000**
Metals by EPA6010B/7471A/SW7196A									
Arsenic	mg/kg	--	12 U	13 U	12 U	13 U	12 U	--	**20**
Barium	mg/kg	--	81	86	120	93	91	--	NE
Cadmium	mg/kg	--	0.83	0.63 U	0.62 U	0.67 U	**2.7**	--	**2.0**
Chromium [4]	mg/kg	--	45	44	33	37	58	--	NE
Chromium, Hexavalent	mg/kg	--	--	--	--	--	--	1.3 U	**19**
Lead	mg/kg	--	48	6.3 U	6.2 U	9.6	150	--	**250**
Mercury	mg/kg	--	0.29 U	0.32 U	0.31 U	0.34 U	0.3 U	--	**2.0**
Selenium	mg/kg	--	12 U	13 U	12 U	13 U	12 U	--	NE
Silver	mg/kg	--	0.58 U	0.63 U	0.62 U	0.67 U	0.6 U	--	NE
PCBs by SW8082									
PCB-aroclor 1016	µg/kg	--	--	--	--	--	--	--	NE
PCB-aroclor 1221	µg/kg	--	--	--	--	--	--	--	NE
PCB-aroclor 1232	µg/kg	--	--	--	--	--	--	--	NE
PCB-aroclor 1242	µg/kg	--	--	--	--	--	--	--	NE
PCB-aroclor 1248	µg/kg	--	--	--	--	--	--	--	NE
PCB-aroclor 1254	µg/kg	--	--	--	--	--	--	--	NE
PCB-aroclor 1260	µg/kg	--	--	--	--	--	--	--	NE
Total Aroclors	µg/kg	--	--	--	--	--	--	--	**1,000**
PAHs by SW8270									
1-Methylnaphthalene	µg/kg	--	--	--	--	--	--	10	NE
2-Methylnaphthalene	µg/kg	--	--	--	--	--	--	19	NE
Acenaphthene	µg/kg	--	--	--	--	--	--	8.4 U	NE
Acenaphthylene	µg/kg	--	--	--	--	--	--	8.4 U	NE
Anthracene	µg/kg	--	--	--	--	--	--	8.4 U	NE
Benzo(a)anthracene	µg/kg	--	--	--	--	--	--	13	NE
Benzo(a)pyrene	µg/kg	--	--	--	--	--	--	13	**100**
Benzo(b)fluoranthene	µg/kg	--	--	--	--	--	--	18	NE
Benzo(ghi)perylene	µg/kg	--	--	--	--	--	--	19	NE
Benzo(j,k)fluoranthene	µg/kg	--	--	--	--	--	--	8.4 U	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)							Screening Levels
		DP-20-0.0-2.0 2/08/12 0 - 2	DP-21-0.0-2.0 2/08/12 0 - 2	DP-21-2.0-3.0 2/08/12 2 - 3	HA1-0.0-2.0 2/09/12 0 - 2	HA2-0.0-2.0 2/09/12 0 - 2	HA3-0.0-2.0 2/09/12 0 - 2	HA4-0.0-2.0 2/09/12 0 - 2	MTCA [2] A ULU
Chrysene	µg/kg	--	--	--	--	--	--	17	NE
Dibenzo(a,h)anthracene	µg/kg	--	--	--	--	--	--	8.4 U	NE
Dibenzofuran	µg/kg	--	--	--	--	--	--	--	NE
Fluoranthene	µg/kg	--	--	--	--	--	--	36	NE
Fluorene	µg/kg	--	--	--	--	--	--	8.4 U	NE
Indeno(1,2,3-cd)pyrene	µg/kg	--	--	--	--	--	--	13	NE
Naphthalene	µg/kg	--	--	--	--	--	--	21	5,000
Phenanthrene	µg/kg	--	--	--	--	--	--	31	NE
Pyrene	µg/kg	--	--	--	--	--	--	38	NE
Total cPAH [5] TTEC (ND=0.5RL)	µg/kg	--	--	--	--	--	--	17.57 [3]	100
VOCs by SW8260									
1,1,1,2-Tetrachloroethane	µg/kg	1 U	--	--	--	--	--	--	NE
1,1,1-Trichloroethane	µg/kg	1 U	--	--	--	--	--	--	2,000
1,1,2,2-Tetrachloroethane	µg/kg	1 U	--	--	--	--	--	--	NE
1,1,2-Trichloroethane	µg/kg	1 U	--	--	--	--	--	--	NE
1,1-Dichloroethane	µg/kg	1 U	--	--	--	--	--	--	NE
1,1-Dichloroethene	µg/kg	1 U	--	--	--	--	--	--	NE
1,1-Dichloropropene	µg/kg	1 U	--	--	--	--	--	--	NE
1,2,3-Trichlorobenzene	µg/kg	1 U	--	--	--	--	--	--	NE
1,2,3-Trichloropropane	µg/kg	1 U	--	--	--	--	--	--	NE
1,2,4-Trichlorobenzene	µg/kg	1 U	--	--	--	--	--	--	NE
1,2,4-Trimethylbenzene	µg/kg	1 U	--	--	--	--	--	--	NE
1,2-Dibromo-3-Chloropropane	µg/kg	5.1 U	--	--	--	--	--	--	NE
1,2-dibromoethane (EDB)	µg/kg	1 U	--	--	--	--	--	--	5.0
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/kg	1 U	--	--	--	--	--	--	NE
1,2-Dichloroethane (EDC)	µg/kg	1 U	--	--	--	--	--	--	NE
1,2-Dichloropropane	µg/kg	1 U	--	--	--	--	--	--	NE
1,3,5-Trimethylbenzene	µg/kg	1 U	--	--	--	--	--	--	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/kg	1 U	--	--	--	--	--	--	NE
1,3-Dichloropropane	µg/kg	1 U	--	--	--	--	--	--	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/kg	1 U	--	--	--	--	--	--	NE
2,2-Dichloropropane	µg/kg	1 U	--	--	--	--	--	--	NE
2-Butanone (MEK)	µg/kg	5.1 U	--	--	--	--	--	--	NE
2-Chloroethyl vinyl ether	µg/kg	5.1 U	--	--	--	--	--	--	NE
2-Chlorotoluene	µg/kg	1 U	--	--	--	--	--	--	NE
2-Hexanone	µg/kg	5.1 U	--	--	--	--	--	--	NE
4-Chlorotoluene	µg/kg	1 U	--	--	--	--	--	--	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)							Screening Levels
		DP-20-0.0-2.0 2/08/12 0 - 2	DP-21-0.0-2.0 2/08/12 0 - 2	DP-21-2.0-3.0 2/08/12 2 - 3	HA1-0.0-2.0 2/09/12 0 - 2	HA2-0.0-2.0 2/09/12 0 - 2	HA3-0.0-2.0 2/09/12 0 - 2	HA4-0.0-2.0 2/09/12 0 - 2	MTCA [2] A ULU
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/kg	5.1 U	--	--	--	--	--	--	NE
Acetone	µg/kg	5.1 U	--	--	--	--	--	--	NE
Benzene	µg/kg	1 U	--	--	--	--	--	--	30
Bromobenzene	µg/kg	1 U	--	--	--	--	--	--	NE
Bromochloromethane	µg/kg	1 U	--	--	--	--	--	--	NE
Bromodichloromethane	µg/kg	1 U	--	--	--	--	--	--	NE
Bromoform (Tribromomethane)	µg/kg	1 U	--	--	--	--	--	--	NE
Bromomethane	µg/kg	1 U	--	--	--	--	--	--	NE
Carbon Disulfide	µg/kg	1 U	--	--	--	--	--	--	NE
Carbon Tetrachloride	µg/kg	1 U	--	--	--	--	--	--	NE
Chlorobenzene	µg/kg	1 U	--	--	--	--	--	--	NE
Chloroethane	µg/kg	5.1 U	--	--	--	--	--	--	NE
Chloroform	µg/kg	1 U	--	--	--	--	--	--	NE
Chloromethane	µg/kg	5.1 U	--	--	--	--	--	--	NE
Cis-1,2-Dichloroethene	µg/kg	1 U	--	--	--	--	--	--	NE
Cis-1,3-Dichloropropene	µg/kg	1 U	--	--	--	--	--	--	NE
Dibromochloromethane	µg/kg	1 U	--	--	--	--	--	--	NE
Dibromomethane	µg/kg	1 U	--	--	--	--	--	--	NE
Dichlorodifluoromethane (CFC-12)	µg/kg	1 U	--	--	--	--	--	--	NE
Ethylbenzene	µg/kg	1 U	--	--	--	--	--	--	6,000
Hexachlorobutadiene	µg/kg	5.1 U	--	--	--	--	--	--	NE
Isopropylbenzene (Cumene)	µg/kg	1 U	--	--	--	--	--	--	NE
Methyl Iodide (Iodomethane)	µg/kg	5.1 U	--	--	--	--	--	--	NE
Methyl t-butyl ether	µg/kg	1 U	--	--	--	--	--	--	100
Methylene Chloride	µg/kg	5.1 U	--	--	--	--	--	--	20
Naphthalene	µg/kg	1 U	--	--	--	--	--	--	5,000
n-Butylbenzene	µg/kg	1 U	--	--	--	--	--	--	NE
n-Propylbenzene	µg/kg	1 U	--	--	--	--	--	--	NE
p-Isopropyltoluene	µg/kg	1 U	--	--	--	--	--	--	NE
Sec-Butylbenzene	µg/kg	1 U	--	--	--	--	--	--	NE
Styrene	µg/kg	1 U	--	--	--	--	--	--	NE
Tert-Butylbenzene	µg/kg	1 U	--	--	--	--	--	--	NE
Tetrachloroethene	µg/kg	1 U	--	--	--	--	--	--	50
Toluene	µg/kg	5.1 U	--	--	--	--	--	--	7,000
Trans-1,2-Dichloroethene	µg/kg	1 U	--	--	--	--	--	--	NE
Trans-1,3-Dichloropropene	µg/kg	1 U	--	--	--	--	--	--	NE
Trichloroethene (TCE)	µg/kg	1 U	--	--	--	--	--	--	30

Analytes	Units	Sample ID, Date andDepth (in ft.)							Screening Levels
		DP-20-0.0-2.0 2/08/12 0 - 2	DP-21-0.0-2.0 2/08/12 0 - 2	DP-21-2.0-3.0 2/08/12 2 - 3	HA1-0.0-2.0 2/09/12 0 - 2	HA2-0.0-2.0 2/09/12 0 - 2	HA3-0.0-2.0 2/09/12 0 - 2	HA4-0.0-2.0 2/09/12 0 - 2	MTCA [2] A ULU
Trichlorofluoromethane (CFC-11)	µg/kg	1.6	--	--	--	--	--	--	NE
Vinyl Acetate	µg/kg	5.1 U	--	--	--	--	--	--	NE
Vinyl Chloride	µg/kg	1 U	--	--	--	--	--	--	NE
Xylene, m-,p-	µg/kg	2.0 U	--	--	--	--	--	--	NE
Xylene, o-	µg/kg	1.0 U	--	--	--	--	--	--	NE
Xylene, Total	µg/kg	3.0 U	--	--	--	--	--	--	9,000
SVOCs by SW8270									
1,2-Diphenylhydrazine	µg/kg	--	--	--	--	--	--	--	NE
1,3-Dinitrobenzene	µg/kg	--	--	--	--	--	--	--	NE
2,3,4,6-Tetrachlorophenol	µg/kg	--	--	--	--	--	--	--	NE
2,3,5,6-Tetrachlorophenol	µg/kg	--	--	--	--	--	--	--	NE
2,3-DICHLOROANILINE	µg/kg	--	--	--	--	--	--	--	NE
2,4,5-Trichlorophenol	µg/kg	--	--	--	--	--	--	--	NE
2,4,6-Trichlorophenol	µg/kg	--	--	--	--	--	--	--	NE
2,4-Dichlorophenol	µg/kg	--	--	--	--	--	--	--	NE
2,4-Dimethylphenol	µg/kg	--	--	--	--	--	--	--	NE
2,4-Dinitrophenol	µg/kg	--	--	--	--	--	--	--	NE
2,4-Dinitrotoluene	µg/kg	--	--	--	--	--	--	--	NE
2,6-Dinitrotoluene	µg/kg	--	--	--	--	--	--	--	NE
2-Chloronaphthalene	µg/kg	--	--	--	--	--	--	--	NE
2-Chlorophenol	µg/kg	--	--	--	--	--	--	--	NE
2-Nitroaniline	µg/kg	--	--	--	--	--	--	--	NE
2-Nitrophenol	µg/kg	--	--	--	--	--	--	--	NE
3,3'-Dichlorobenzidine	µg/kg	--	--	--	--	--	--	--	NE
3-Nitroaniline	µg/kg	--	--	--	--	--	--	--	NE
4,6-Dinitro-2-Methylphenol	µg/kg	--	--	--	--	--	--	--	NE
4-Bromophenyl phenyl ether	µg/kg	--	--	--	--	--	--	--	NE
4-Chloro-3-Methylphenol	µg/kg	--	--	--	--	--	--	--	NE
4-Chloroaniline	µg/kg	--	--	--	--	--	--	--	NE
4-Chlorophenyl-Phenylether	µg/kg	--	--	--	--	--	--	--	NE
4-Nitroaniline	µg/kg	--	--	--	--	--	--	--	NE
4-Nitrophenol (p-Nitrophenol)	µg/kg	--	--	--	--	--	--	--	NE
Aniline	µg/kg	--	--	--	--	--	--	--	NE
Benzene, 1,4-Dinitro-	µg/kg	--	--	--	--	--	--	--	NE
Benzidine	µg/kg	--	--	--	--	--	--	--	NE
Benzyl Alcohol	µg/kg	--	--	--	--	--	--	--	NE
Bis(2-Chloroethoxy)Methane	µg/kg	--	--	--	--	--	--	--	NE
Bis(2-Chloroethyl)Ether	µg/kg	--	--	--	--	--	--	--	NE

Analytes	Units	Sample ID, Date andDepth (in ft.)							Screening Levels
		DP-20-0.0-2.0 2/08/12 0 - 2	DP-21-0.0-2.0 2/08/12 0 - 2	DP-21-2.0-3.0 2/08/12 2 - 3	HA1-0.0-2.0 2/09/12 0 - 2	HA2-0.0-2.0 2/09/12 0 - 2	HA3-0.0-2.0 2/09/12 0 - 2	HA4-0.0-2.0 2/09/12 0 - 2	MTCA [2] A ULU
Bis(2-chloroisopropyl) ether	µg/kg	--	--	--	--	--	--	--	NE
Bis(2-Ethylhexyl) Phthalate	µg/kg	--	--	--	--	--	--	--	NE
Butyl benzyl phthalate	µg/kg	--	--	--	--	--	--	--	NE
Carbazole	µg/kg	--	--	--	--	--	--	--	NE
Dibutyl phthalate	µg/kg	--	--	--	--	--	--	--	NE
Diethyl phthalate	µg/kg	--	--	--	--	--	--	--	NE
Dimethyl phthalate	µg/kg	--	--	--	--	--	--	--	NE
Di-N-Octyl Phthalate	µg/kg	--	--	--	--	--	--	--	NE
Hexachlorobenzene	µg/kg	--	--	--	--	--	--	--	NE
Hexachlorocyclopentadiene	µg/kg	--	--	--	--	--	--	--	NE
Hexachloroethane	µg/kg	--	--	--	--	--	--	--	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/kg	--	--	--	--	--	--	--	NE
Isophorone	µg/kg	--	--	--	--	--	--	--	NE
m,p-Cresol	µg/kg	--	--	--	--	--	--	--	NE
Naphthalene	µg/kg	--	--	--	--	--	--	--	5,000
Nitrobenzene	µg/kg	--	--	--	--	--	--	--	NE
N-Nitrosodimethylamine	µg/kg	--	--	--	--	--	--	--	NE
N-Nitrosodi-n-propylamine	µg/kg	--	--	--	--	--	--	--	NE
N-Nitrosodiphenylamine	µg/kg	--	--	--	--	--	--	--	NE
o-Cresol (2-methylphenol)	µg/kg	--	--	--	--	--	--	--	NE
O-DINITROBENZENE	µg/kg	--	--	--	--	--	--	--	NE
Pentachlorophenol	µg/kg	--	--	--	--	--	--	--	NE
Phenol	µg/kg	--	--	--	--	--	--	--	NE
Pyridine	µg/kg	--	--	--	--	--	--	--	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A Unrestricted Land Use (ULU) clean-up levels.

[3] Sample holding time was exceeded by one day for follow up analysis.

[4] The published natural background concentration for chromium in the Puget Sound region is 48 mg/kg (*Natural Background Soil Metals Concentrations in Washington State* . Publication #94-115. October 1994.)

[5] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation procedure is completed using toxicity equivalency factors for each individual compound which are then added to produce a total toxicity equivalent concentration (TTEC) which is then compared to the MTCA cleanup level of 0.1 mg/kg (or 100 µg/kg).

PCBs = Polychlorinated biphenyls
PAHs = Polycyclic aromatic hydrocarbons
VOCs = Volatile organic compound
SVOCs = Semivolatile organic compound
µg/kg = microgram per kilogram
mg/kg = miligrams per kilogram
– = Not analyzed
U = The analyte was not detected at a concentration greater than the given RL or MDL.
E = The concentration reported exceeds the quantitation range and is an estimate.
H = The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and may be impacting the sample result
J = The value reported was below the practical quantitation limit. The value is an estimate.
NE = A cleanup level has not been established by Ecology.
Bold Type Exceeds MTCA A (Soil - Unrestricted Land Use Cleanup Level)

TABLE 3

CHEMICAL ANALYTICAL DATA - GROUNDWATER[1]

WSDOT MIDWAY METALS

SEQUIM, WASHINGTON

Analytes	Units	Sample ID and Date				Screening Levels
		DP1-W 12/13/11	DP12-W 2/08/12	DP15-W 2/08/12	WELL1-W 12/14/11	MTCA [2] A
Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx						
Gasoline-range hydrocarbons	mg/l	0.10 U	0.10 U	0.10 U	0.10 U	**1.0**
Diesel-range hydrocarbons	mg/l	0.27 U	0.27 U	0.30 U	0.26 U	**0.5**
Lube Oil-range Hydrocarbons	mg/l	0.43 U	0.43 U	0.48 U	0.41 U	**0.5**
Metals by EPA200.8/7470A (Total)						
Arsenic	µg/l	**18**	**12**	**27**	3.3 U	**5.0**
Barium	µg/l	30	300	400	28 U	NE
Cadmium	µg/l	4.4 U	4.4 U	4.4 U	4.4 U	**5.0**
Chromium	µg/l	26	**140**	**180**	11 U	**50**
Lead	µg/l	1.1 U	12	**16**	1.1 U	**15**
Mercury	µg/l	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**
Selenium	µg/l	5.6 U	5.6 U	6.8	5.6 U	NE
Silver	µg/l	11 U	11 U	11 U	11 U	NE
Metals by EPA200.8/7470A (Dissolved)						
Arsenic	µg/l	**21**	3.0 U	3.0 U	3.0 U	**5.0**
Barium	µg/l	25 U	25 U	25 U	25 U	NE
Cadmium	µg/l	4.0 U	4.0 U	4.0 U	4.0 U	**5.0**
Chromium	µg/l	22	10 U	10 U	10 U	**50**
Lead	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	**15**
Mercury	µg/l	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**
Selenium	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	NE
Silver	µg/l	10 U	10 U	10 U	10 U	NE
PCBs by SW8082						
PCB-aroclor 1016	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PCB-aroclor 1221	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PCB-aroclor 1232	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PCB-aroclor 1242	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PCB-aroclor 1248	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PCB-aroclor 1254	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PCB-aroclor 1260	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
Total Aroclors	µg/l	0.048 U	0.048 U	0.1 U	0.048 U	NE
PAHs by SW8270						
1-Methylnaphthalene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
2-Methylnaphthalene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE

Analytes	Units	Sample ID and Date				Screening Levels
		DP1-W 12/13/11	DP12-W 2/08/12	DP15-W 2/08/12	WELL1-W 12/14/11	MTCA [2] A
Acenaphthene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Acenaphthylene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Anthracene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Benzo(a)anthracene	µg/l	0.0097	0.0098 U	0.0092 U	0.0096 U	NE
Benzo(a)pyrene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	**0.1**
Benzo(b)fluoranthene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	NE
Benzo(ghi)perylene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	NE
Benzo(j,k)fluoranthene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	NE
Chrysene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	NE
Dibenzo(a,h)anthracene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	NE
Dibenzofuran	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Fluoranthene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Fluorene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Indeno(1,2,3-cd)pyrene	µg/l	0.0095 U	0.0098 U	0.0092 U	0.0096 U	NE
Naphthalene	µg/l	0.095 U	0.098 U	0.1	0.19	**160**
Phenanthrene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Pyrene	µg/l	0.095 U	0.098 U	0.092 U	0.096 U	NE
Total cPAH [3] TTEC (ND=0.5RL)	µg/l	0.0077	0.0074 U	0.0069 U	0.0072 U	**0.1**
VOCs by SW8260						
1,1,1,2-Tetrachloroethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,1,1-Trichloroethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	**200**
1,1,2,2-Tetrachloroethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,1,2-Trichloroethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,1-Dichloroethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,1-Dichloroethene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,1-Dichloropropene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,2,3-Trichlorobenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,2,3-Trichloropropane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,2,4-Trichlorobenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,2,4-Trimethylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,2-Dibromo-3-Chloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	NE
1,2-dibromoethane (EDB)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	**0.01**
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,2-Dichloroethane (EDC)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	**5.0**
1,2-Dichloropropane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,3,5-Trimethylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
1,3-Dichloropropane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE

Analytes	Units	Sample ID and Date				Screening Levels
		DP1-W 12/13/11	DP12-W 2/08/12	DP15-W 2/08/12	WELL1-W 12/14/11	MTCA [2] A
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
2,2-Dichloropropane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
2-Butanone (MEK)	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	NE
2-Chloroethyl vinyl ether	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	NE
2-Chlorotoluene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
2-Hexanone	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	NE
4-Chlorotoluene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	NE
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	NE
Benzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	**5.0**
Bromobenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Bromochloromethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Bromodichloromethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Bromoform (Tribromomethane)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	NE
Bromomethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Carbon Disulfide	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Carbon Tetrachloride	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Chlorobenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Chloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	NE
Chloroform	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Chloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	NE
Cis-1,2-Dichloroethene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Cis-1,3-Dichloropropene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Dibromochloromethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Dibromomethane	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Dichlorodifluoromethane (CFC-12)	µg/l	0.52	0.2 U	0.2 U	0.2 U	NE
Ethylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	**700**
Hexachlorobutadiene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Isopropylbenzene (Cumene)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Methyl Iodide (Iodomethane)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	NE
Methyl t-butyl ether	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	**20**
Methylene Chloride	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	**5.0**
Naphthalene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	**160**
n-Butylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
n-Propylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
p-Isopropyltoluene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Sec-Butylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Styrene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Tert-Butylbenzene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE

Analytes	Units	Sample ID and Date				Screening Levels
		DP1-W 12/13/11	DP12-W 2/08/12	DP15-W 2/08/12	WELL1-W 12/14/11	MTCA [2] A
Tetrachloroethene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	5.0
Toluene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1,000
Trans-1,2-Dichloroethene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Trans-1,3-Dichloropropene	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Trichloroethene (TCE)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	5.0
Trichlorofluoromethane (CFC-11)	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Vinyl Acetate	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	NE
Vinyl Chloride	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2
Xylene, m-,p-	µg/l	0.4 U	0.4 U	0.4 U	0.4 U	NE
Xylene, o-	µg/l	0.2 U	0.2 U	0.2 U	0.2 U	NE
Xylene, Total	µg/l	0.6 U	0.6 U	0.6 U	0.6 U	1,000
SVOCs by SW8270						
1,2-Diphenylhydrazine	µg/l	0.95 U	0.98 U	--	0.96 U	NE
1,3-Dinitrobenzene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,3,4,6-Tetrachlorophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,3,5,6-Tetrachlorophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,3-DICHLOROANILINE	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,4,5-Trichlorophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,4,6-Trichlorophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,4-Dichlorophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,4-Dimethylphenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,4-Dinitrophenol	µg/l	4.8 U	4.9 U	--	4.8 U	NE
2,4-Dinitrotoluene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2,6-Dinitrotoluene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2-Chloronaphthalene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2-Chlorophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2-Nitroaniline	µg/l	0.95 U	0.98 U	--	0.96 U	NE
2-Nitrophenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
3,3'-Dichlorobenzidine	µg/l	0.95 U	0.98 U	--	0.96 U	NE
3-Nitroaniline	µg/l	0.95 U	0.98 U	--	0.96 U	NE
4,6-Dinitro-2-Methylphenol	µg/l	4.8 U	4.9 U	--	4.8 U	NE
4-Bromophenyl phenyl ether	µg/l	0.95 U	0.98 U	--	0.96 U	NE
4-Chloro-3-Methylphenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
4-Chloroaniline	µg/l	0.95 U	0.98 U	--	0.96 U	NE
4-Chlorophenyl-Phenylether	µg/l	0.95 U	0.98 U	--	0.96 U	NE
4-Nitroaniline	µg/l	0.95 U	0.98 U	--	0.96 U	NE
4-Nitrophenol (p-Nitrophenol)	µg/l	0.95 U	0.98 U	--	0.96 U	NE

Analytes	Units	Sample ID and Date				Screening Levels
		DP1-W 12/13/11	DP12-W 2/08/12	DP15-W 2/08/12	WELL1-W 12/14/11	MTCA [2] A
Aniline	µg/l	4.8 U	4.9 U	--	4.8 U	NE
Benzene, 1,4-Dinitro-	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Benzidine	µg/l	4.8 U	4.9 U	--	4.8 U	NE
Benzyl Alcohol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Bis(2-Chloroethoxy)Methane	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Bis(2-Chloroethyl)Ether	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Bis(2-chloroisopropyl) ether	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Bis(2-Ethylhexyl) Phthalate	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Butyl benzyl phthalate	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Carbazole	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Dibutyl phthalate	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Diethyl phthalate	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Dimethyl phthalate	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Di-N-Octyl Phthalate	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Hexachlorobenzene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Hexachlorocyclopentadiene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Hexachloroethane	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/l	4.8 U	4.9 U	--	4.8 U	NE
Isophorone	µg/l	0.95 U	0.98 U	--	0.96 U	NE
m,p-Cresol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Naphthalene	µg/l	0.095 U	0.098 U	--	0.19	**160**
Nitrobenzene	µg/l	0.95 U	0.98 U	--	0.96 U	NE
N-Nitrosodimethylamine	µg/l	0.95 U	0.98 U	--	0.96 U	NE
N-Nitrosodi-n-propylamine	µg/l	0.95 U	0.98 U	--	0.96 U	NE
N-Nitrosodiphenylamine	µg/l	0.95 U	0.98 U	--	0.96 U	NE
o-Cresol (2-methylphenol)	µg/l	0.95 U	0.98 U	--	0.96 U	NE
O-DINITROBENZENE	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Pentachlorophenol	µg/l	4.8 U	4.9 U	--	4.8 U	NE
Phenol	µg/l	0.95 U	0.98 U	--	0.96 U	NE
Pyridine	µg/l	0.95 U	0.98 U	--	0.96 U	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A clean-up levels.

[3] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation procedure is completed using toxicity equivalency factors for each individual compound which are then added to produce a total toxicity equivalent concentration (TTEC) which is then compared to the MTCA cleanup level of 0.1 µg/l.

PCBs = Polychlorinated biphenyls
PAHs = Polycyclic aromatic hydrocarbons
VOCs = Volatile organic compound
SVOCs = Semivolatile organic compound
µg/l = microgram per liter
mg/l = miligrams per liter
– = Not analyzed
U = The analyte was not detected at a concentration greater than the given RL or MDL.
E = The concentration reported exceeds the quantitation range and is an estimate.
H = The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and may be impacting the sample result
J = The value reported was below the practical quantitation limit. The value is an estimate.
NE = A cleanup level has not been established by Ecology.
Bold Type Exceeds MTCA A (Groundwater - Table Value)

TABLE 4

CHEMICAL ANALYTICAL DATA - SEDIMENT[1]

WSDOT MIDWAY METALS

SEQUIM, WASHINGTON

Analytes	Units	Sample ID and Date								Screening Levels
		SED1 12/13/11	SED3 12/13/11	SED4 12/13/11	SED5 12/13/11	SED6 12/13/11	SED7 12/13/11	SED8 12/13/11	SED9 2/09/12	MTCA [2] A ULU
Total Petroleum Hydrcarbons by NWTPH-Gx and NWTPH-Dx										
Gasoline-range hydrocarbons	mg/kg	7.5 U	9.0 U	9.6 U	7.6 U	9.6 U	5.3 U	8.0 U	--	100
Diesel-range hydrocarbons	mg/kg	35 U	38 U	40 U	120 U	37 U	28 U	33 U	130 U	2,000
Lube Oil-range Hydrocarbons	mg/kg	70 U	77 U	270	950	75 U	57 U	65 U	1,000	2,000
Metals by EPA6010B/7471A/SW7196A										
Arsenic	mg/kg	14 U	15 U	16 U	13 U	15 U	11 U	13 U	--	20
Barium	mg/kg	85	64	88	75	100	41	78	--	NE
Cadmium	mg/kg	0.70 U	0.76 U	0.79 U	0.89	0.9	0.57 U	0.65 U	--	2.0
Chromium[3]	mg/kg	36	41	48	57	37	30	29	--	NE
Lead	mg/kg	17	7.6 U	39	120	13	5.7 U	6.5 U	--	250
Mercury	mg/kg	0.35 U	0.38 U	0.40 U	0.33 U	0.37 U	0.28 U	0.33 U	--	2.0
Selenium	mg/kg	14 U	15 U	16 U	13 U	15 U	11 U	13 U	--	NE
Silver	mg/kg	0.70 U	0.76 U	0.79 U	0.66 U	0.75 U	0.57 U	0.65 U	--	NE
PCBs by SW8082										
PCB-aroclor 1016	µg/kg	70 U	76 U	79 U	66 U	75 U	57 U	65 U	--	NE
PCB-aroclor 1221	µg/kg	70 U	76 U	79 U	67 U	75 U	57 U	65 U	--	NE
PCB-aroclor 1232	µg/kg	70 U	76 U	79 U	68 U	75 U	57 U	65 U	--	NE
PCB-aroclor 1242	µg/kg	70 U	76 U	79 U	69 U	75 U	57 U	65 U	--	NE
PCB-aroclor 1248	µg/kg	70 U	76 U	79 U	70 U	75 U	57 U	65 U	--	NE
PCB-aroclor 1254	µg/kg	130	76 U	79 U	160	75 U	57 U	65 U	--	NE
PCB-aroclor 1260	µg/kg	70 U	76 U	79 U	66 U	75 U	57 U	65 U	--	NE
Total Aroclors	µg/kg	130	76 U	79 U	160	75 U	57 U	65 U	--	1,000
PAHs by SW8270										
1-Methylnaphthalene	µg/kg	14	10 U	11 U	44 U	50 U	7.5 U	8.7 U	17 U	NE
2-Methylnaphthalene	µg/kg	22	10 U	11 U	94	50 U	7.5 U	8.7 U	17 U	NE
Acenaphthene	µg/kg	21	10 U	11 U	44 U	50 U	7.5 U	8.7 U	17 U	NE
Acenaphthylene	µg/kg	9.4 U	10 U	11 U	61	50 U	7.5 U	8.7 U	17 U	NE
Anthracene	µg/kg	9.4 U	10 U	11 U	78	50 U	7.5 U	8.7 U	17 U	NE
Benzo(a)anthracene	µg/kg	11	10 U	11 U	160	50 U	7.5 U	8.7 U	17 U	NE
Benzo(a)pyrene	µg/kg	12	10 U	11 U	**270**	50 U	7.5 U	8.7 U	17 U	100
Benzo(b)fluoranthene	µg/kg	13	10 U	11 U	330	50 U	7.5 U	8.7 U	17	NE
Benzo(ghi)perylene	µg/kg	9.6	10 U	11 U	230	50 U	7.5 U	8.7 U	17 U	NE
Benzo(j,k)fluoranthene	µg/kg	9.4 U	10 U	11 U	110	50 U	7.5 U	8.7 U	17 U	NE

Analytes	Units	Sample ID and Date								Screening Levels
		SED1 12/13/11	SED3 12/13/11	SED4 12/13/11	SED5 12/13/11	SED6 12/13/11	SED7 12/13/11	SED8 12/13/11	SED9 2/09/12	MTCA [2] A ULU
Chrysene	µg/kg	16	10 U	11 U	200	50 U	7.5 U	8.7 U	17 U	NE
Dibenzo(a,h)anthracene	µg/kg	9.4 U	10 U	11 U	49	50 U	7.5 U	8.7 U	17 U	NE
Dibenzofuran	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Fluoranthene	µg/kg	30	10 U	11 U	300	50 U	7.5 U	8.7 U	17 U	NE
Fluorene	µg/kg	14	10 U	11 U	44 U	50 U	7.5 U	8.7 U	17 U	NE
Indeno(1,2,3-cd)pyrene	µg/kg	9.4 U	10 U	11 U	200	50 U	7.5 U	8.7 U	17 U	NE
Naphthalene	µg/kg	48	10 U	11 U	93	50 U	7.5 U	8.7 U	17 U	**5,000**
Phenanthrene	µg/kg	59	10 U	11 U	190	50 U	7.5 U	8.7 U	17 U	NE
Pyrene	µg/kg	40	10 U	11 U	290	93	7.5 U	8.7 U	17 U	NE
Total cPAH [4] TTEC (ND=0.5RL)	µg/kg	15.97	7.55 U	8.31 U	**356.9**	37.8 U	5.66 U	6.57 U	13.69	**100**
VOCs by SW8260										
1,1,1,2-Tetrachloroethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,1,1-Trichloroethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	**2,000**
1,1,2,2-Tetrachloroethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,1,2-Trichloroethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,1-Dichloroethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,1-Dichloroethene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,1-Dichloropropene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2,3-Trichlorobenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2,3-Trichloropropane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2,4-Trichlorobenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2,4-Trimethylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2-Dibromo-3-Chloropropane	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	--	NE
1,2-dibromoethane (EDB)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	**5.0**
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2-Dichloroethane (EDC)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,2-Dichloropropane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,3,5-Trimethylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,3-Dichloropropane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
2,2-Dichloropropane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
2-Butanone (MEK)	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	--	NE
2-Chloroethyl vinyl ether	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	--	NE
2-Chlorotoluene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
2-Hexanone	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	--	NE
4-Chlorotoluene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	--	NE

Analytes	Units	Sample ID and Date								Screening Levels
		SED1 12/13/11	SED3 12/13/11	SED4 12/13/11	SED5 12/13/11	SED6 12/13/11	SED7 12/13/11	SED8 12/13/11	SED9 2/09/12	MTCA [2] A ULU
Acetone	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	NE
Benzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	30
Bromobenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Bromochloromethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Bromodichloromethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Bromoform (Tribromomethane)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Bromomethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Carbon Disulfide	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Carbon Tetrachloride	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Chlorobenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Chloroethane	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	NE
Chloroform	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Chloromethane	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	NE
Cis-1,2-Dichloroethene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Cis-1,3-Dichloropropene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Dibromochloromethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Dibromomethane	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Dichlorodifluoromethane (CFC-12)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Ethylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	6,000
Hexachlorobutadiene	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	NE
Isopropylbenzene (Cumene)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Methyl Iodide (Iodomethane)	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	NE
Methyl t-butyl ether	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	100
Methylene Chloride	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	20
Naphthalene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	5,000
n-Butylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
n-Propylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
p-Isopropyltoluene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Sec-Butylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Styrene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Tert-Butylbenzene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Tetrachloroethene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	50
Toluene	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	7,000
Trans-1,2-Dichloroethene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Trans-1,3-Dichloropropene	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Trichloroethene (TCE)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	30
Trichlorofluoromethane (CFC-11)	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	–	NE
Vinyl Acetate	µg/kg	6.9 U	6.4 U	8.9 U	6.8 U	6.9 U	4.9 U	5.9 U	–	NE

Analytes	Units	Sample ID and Date								Screening Levels
		SED1 12/13/11	SED3 12/13/11	SED4 12/13/11	SED5 12/13/11	SED6 12/13/11	SED7 12/13/11	SED8 12/13/11	SED9 2/09/12	MTCA [2] A ULU
Vinyl Chloride	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
Xylene, m-,p-	µg/kg	2.8 U	2.6 U	3.6 U	2.7 U	2.7 U	1.9 U	2.4 U	--	NE
Xylene, o-	µg/kg	1.4 U	1.3 U	1.8 U	1.4 U	1.4 U	0.97 U	1.2 U	--	NE
Xylene, Total	µg/kg	4.2 U	3.9 U	5.4 U	4.1 U	4.1 U	2.9 U	3.6 U	--	9,000
SVOCs by SW8270										
1,2-Diphenylhydrazine	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
1,3-Dinitrobenzene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,3,4,6-Tetrachlorophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,3,5,6-Tetrachlorophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,3-DICHLOROANILINE	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,4,5-Trichlorophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,4,6-Trichlorophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,4-Dichlorophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,4-Dimethylphenol	µg/kg	--	--	--	2200 U	500 U	--	--	--	NE
2,4-Dinitrophenol	µg/kg	--	--	--	1100 U	250 U	--	--	--	NE
2,4-Dinitrotoluene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2,6-Dinitrotoluene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2-Chloronaphthalene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2-Chlorophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2-Nitroaniline	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
2-Nitrophenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
3,3'-Dichlorobenzidine	µg/kg	--	--	--	2200 U	500 U	--	--	--	NE
3-Nitroaniline	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
4,6-Dinitro-2-Methylphenol	µg/kg	--	--	--	1100 U	250 U	--	--	--	NE
4-Bromophenyl phenyl ether	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
4-Chloro-3-Methylphenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
4-Chloroaniline	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
4-Chlorophenyl-Phenylether	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
4-Nitroaniline	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
4-Nitrophenol (p-Nitrophenol)	µg/kg	--	--	--	220 U	130	--	--	--	NE
Aniline	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Benzene, 1,4-Dinitro-	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Benzidine	µg/kg	--	--	--	2200 U	500 U	--	--	--	NE
Benzyl Alcohol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Bis(2-Chloroethoxy)Methane	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Bis(2-Chloroethyl)Ether	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Bis(2-chloroisopropyl) ether	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Bis(2-Ethylhexyl) Phthalate	µg/kg	--	--	--	1100 U	250 U	--	--	--	NE

Analytes	Units	Sample ID and Date								Screening Levels
		SED1 12/13/11	SED3 12/13/11	SED4 12/13/11	SED5 12/13/11	SED6 12/13/11	SED7 12/13/11	SED8 12/13/11	SED9 2/09/12	MTCA [2] A ULU
Butyl benzyl phthalate	µg/kg	--	--	--	2200 U	500 U	--	--	--	NE
Carbazole	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Dibutyl phthalate	µg/kg	--	--	--	2200 U	500 U	--	--	--	NE
Diethyl phthalate	µg/kg	--	--	--	1100 U	250 U	--	--	--	NE
Dimethyl phthalate	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Di-N-Octyl Phthalate	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Hexachlorobenzene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Hexachlorocyclopentadiene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Hexachloroethane	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/kg	--	--	--	1100 U	250 U	--	--	--	NE
Isophorone	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
m,p-Cresol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Naphthalene	µg/kg	48	10 U	11 U	93	50 U	7.5 U	8.7 U	17 U	**5,000**
Nitrobenzene	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
N-Nitrosodimethylamine	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
N-Nitrosodi-n-propylamine	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
N-Nitrosodiphenylamine	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
o-Cresol (2-methylphenol)	µg/kg	--	--	--	220 U	64	--	--	--	NE
O-DINITROBENZENE	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Pentachlorophenol	µg/kg	--	--	--	1100 U	250 U	--	--	--	NE
Phenol	µg/kg	--	--	--	220 U	50 U	--	--	--	NE
Pyridine	µg/kg	--	--	--	2200 U	500 U	--	--	--	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A Unrestricted Land Use (ULU) clean-up levels.

[3] The published natural background concentration for chromium in the Puget Sound region is 48 mg/kg (*Natural Background Soil Metals Concentrations in Washington State* . Publication #94-115. October 1994.)

[4] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation procedure is completed using toxicity equivalency factors for each individual compound which are then added to produce a total toxicity equivalent concentration (TTEC) which is then compared to the MTCA cleanup level of 0.1 mg/kg (or 100 µg/kg).

PCBs = Polychlorinated biphenyls

PAHs = Polycyclic aromatic hydrocarbons

VOCs = Volatile organic compound

SVOCs = Semivolatile organic compound

µg/kg = microgram per kilogram

mg/kg = miligrams per kilogram

– = Not analyzed

U = The analyte was not detected at a concentration greater than the given RL or MDL.

E = The concentration reported exceeds the quantitation range and is an estimate.

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

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

NE = A cleanup level has not been established by Ecology.

Bold Type Exceeds MTCA A (Soil - Unrestricted Land Use Cleanup Level)

TABLE 5

CHEMICAL ANALYTICAL DATA - SURFACE WATER[1]

WSDOT MIDWAY METALS
SEQUIM, WASHINGTON

Analytes	Units	Sample ID and Date			Screening Levels			
		SW1 12/13/2011	SW2 12/13/2011	SW9 2/08/2012	Surface Water MTCA B - Carcinogenic Table Value	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Ch. 173-201A WAC	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304	Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131
Total Petroleum Hydrocarbons by NWTPH-Gx and NWTPH-Dx								
Gasoline-range hydrocarbons	mg/l	0.1 U	0.1 U	0.1 U	NE	NE	NE	NE
Diesel-range hydrocarbons	mg/l	0.29 U	0.29 U	0.27 U	NE	NE	NE	NE
Lube Oil-range Hydrocarbons	mg/l	0.47 U	0.46 U	0.43 U	NE	NE	NE	NE
Metals by EPA200.8/7470A (Total)								
Arsenic	µg/l	**3.3 U**	**3.3 U**	**3.3 U**	**0.058**	**190**	**150**	**190**
Barium	µg/l	41	31	28 U	**3,200**	NE	NE	NE
Cadmium	µg/l	**4.4 U**	**4.4 U**	**4.4 U**	**16**	**0.37**	**0.25**	**1.0**
Chromium	µg/l	11 U	11 U	11 U	NE	NE	NE	NE
Lead	µg/l	**7.4**	**4.0**	**8.3**	NE	**0.54**	**2.5**	**2.5**
Mercury	µg/l	**0.5 U**	**0.5 U**	**0.5 U**	NE	**0.012**	**0.77**	**0.012**
Selenium	µg/l	**5.6 U**	**5.6 U**	**5.6 U**	**80**	**5.0**	**5.0**	**5.0**
Silver	µg/l	11 U	11 U	11 U	**80**	NE	NE	NE
Metals by EPA200.8/7470A (Dissolved)								
Arsenic	µg/l	**3.0 U**	**3.0 U**	**3.0 U**	**0.058**	**190**	**150**	**190**
Barium	µg/l	31	25 U	25 U	**3,200**	NE	NE	NE
Cadmium	µg/l	**4.0 U**	**4.0 U**	**4.0 U**	**16**	**0.37**	**0.25**	**1.0**
Chromium	µg/l	10 U	10 U	10 U	NE	NE	NE	NE
Lead	µg/l	**1.4**	**1.4**	**1.6**	NE	**0.54**	**2.5**	**2.5**
Mercury	µg/l	**0.5 U**	**0.5 U**	**0.5 U**	NE	**0.012**	**0.77**	**0.012**
Selenium	µg/l	5.0 U	5.0 U	5.0 U	**80**	**5.0**	**5.0**	**5.0**
Silver	µg/l	10 U	10 U	10 U	**80**	NE	NE	NE
PCBs by SW8082								
PCB-aroclor 1016	µg/l	**0.049 U**	**0.048 U**	**0.053 U**	**1.1**	NE	NE	**0.014**
PCB-aroclor 1221	µg/l	0.049 U	0.048 U	0.053 U	NE	NE	NE	NE
PCB-aroclor 1232	µg/l	0.049 U	0.048 U	0.053 U	NE	NE	NE	NE
PCB-aroclor 1242	µg/l	0.074	0.048 U	0.053 U	NE	NE	NE	NE
PCB-aroclor 1248	µg/l	0.049 U	0.048 U	0.053 U	NE	NE	NE	NE
PCB-aroclor 1254	µg/l	**0.049 U**	**0.048 U**	**0.053 U**	**0.32**	NE	NE	**0.014**
PCB-aroclor 1260	µg/l	**0.049 U**	**0.048 U**	**0.053 U**	NE	NE	NE	**0.014**
Total Aroclors	µg/l	**0.074 T**	**0.048 UT**	**0.053 UT**	NE	**0.014**	**0.014**	**0.14**

Analytes	Units	Sample ID and Date			Screening Levels			
		SW1 12/13/2011	SW2 12/13/2011	SW9 2/08/2012	Surface Water MTCA B - Carcinogenic Table Value	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Ch. 173-201A WAC	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304	Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131
PAHs by SW8270								
1-Methylnaphthalene	µg/l	0.098 U	0.095 U	0.1 U	**2.4**	NE	NE	NE
2-Methylnaphthalene	µg/l	0.098 U	0.095 U	0.1 U	**32**	NE	NE	NE
Acenaphthene	µg/l	0.098 U	0.095 U	0.1 U	**960**	NE	NE	NE
Acenaphthylene	µg/l	0.098 U	0.095 U	0.1 U	NE	NE	NE	NE
Anthracene	µg/l	0.098 U	0.095 U	0.1 U	**4,800**	NE	NE	NE
Benzo(a)anthracene	µg/l	0.01	0.0095 U	0.01 U	NE	NE	NE	NE
Benzo(a)pyrene	µg/l	0.0098 U	0.0095 U	0.01 U	**0.012**	NE	NE	NE
Benzo(b)fluoranthene	µg/l	0.0098 U	0.0095 U	0.01 U	NE	NE	NE	NE
Benzo(ghi)perylene	µg/l	0.0098 U	0.0095 U	0.01 U	NE	NE	NE	NE
Benzo(j,k)fluoranthene	µg/l	0.0098 U	0.0095 U	0.01 U	NE	NE	NE	NE
Chrysene	µg/l	0.0098 U	0.0095 U	0.01 U	NE	NE	NE	NE
Dibenzo(a,h)anthracene	µg/l	0.0098 U	0.0095 U	0.01 U	NE	NE	NE	NE
Dibenzofuran	µg/l	--	0.95 U	--	**16**	NE	NE	NE
Fluoranthene	µg/l	0.098 U	0.095 U	0.1 U	**640**	NE	NE	NE
Fluorene	µg/l	0.098 U	0.095 U	0.1 U	**640**	NE	NE	NE
Indeno(1,2,3-cd)pyrene	µg/l	0.0098 U	0.0095 U	0.01 U	NE	NE	NE	NE
Naphthalene	µg/l	0.12	0.095 U	0.1 U	**160**	NE	NE	NE
Phenanthrene	µg/l	0.098 U	0.095 U	0.1 U	NE	NE	NE	NE
Pyrene	µg/l	0.098 U	0.095 U	0.1 U	**480**	NE	NE	NE
Total cPAH TEQ (ND=0.5RL)	µg/l	0.007909 T	0.007172 UT	0.00755 UT	NE	NE	NE	NE
VOCs by SW8260								
1,1,1,2-Tetrachloroethane	µg/l	0.2 U	0.2 U	0.2 U	**1.7**	NE	NE	NE
1,1,1-Trichloroethane	µg/l	0.2 U	0.2 U	0.2 U	**7,200**	NE	NE	NE
1,1,2,2-Tetrachloroethane	µg/l	0.2 U	0.2 U	0.2 U	**0.22**	NE	NE	NE
1,1,2-Trichloroethane	µg/l	0.2 U	0.2 U	0.2 U	**0.77**	NE	NE	NE
1,1-Dichloroethane	µg/l	0.2 U	0.2 U	0.2 U	**800**	NE	NE	NE
1,1-Dichloroethene	µg/l	0.2 U	0.2 U	0.2 U	**400**	NE	NE	NE
1,1-Dichloropropene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
1,2,3-Trichlorobenzene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
1,2,3-Trichloropropane	µg/l	**0.2 U**	**0.2 U**	**0.2 U**	**0.00146**	NE	NE	NE
1,2,4-Trichlorobenzene	µg/l	0.2 U	0.2 U	0.2 U	**80**	NE	NE	NE
1,2,4-Trimethylbenzene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
1,2-Dibromo-3-Chloropropane	µg/l	**1 U**	**1 U**	**1 U**	**0.0547**	NE	NE	NE
1,2-dibromoethane (EDB)	µg/l	**0.2 U**	**0.2 U**	**0.2 U**	**0.00051**	NE	NE	NE
1,2-Dichlorobenzene (o-Dichlorobenzene)	µg/l	0.2 U	0.2 U	0.2 U	**720**	NE	NE	NE
1,2-Dichloroethane (EDC)	µg/l	0.2 U	0.2 U	0.2 U	**0.48**	NE	NE	NE

Analytes	Units	Sample ID and Date			Screening Levels			
		SW1 12/13/2011	SW2 12/13/2011	SW9 2/08/2012	Surface Water MTCA B - Carcinogenic Table Value	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Ch. 173-201A WAC	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304	Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131
1,2-Dichloropropane	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
1,3,5-Trimethylbenzene	µg/l	0.2 U	0.2 U	0.2 U	**80**	NE	NE	NE
1,3-Dichlorobenzene (m-Dichlorobenzene)	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
1,3-Dichloropropane	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
1,4-Dichlorobenzene (p-Dichlorobenzene)	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
2,2-Dichloropropane	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
2-Butanone (MEK)	µg/l	5 U	5 U	5 U	**4,800**	NE	NE	NE
2-Chloroethyl vinyl ether	µg/l	1 U	1 U	1 U	NE	NE	NE	NE
2-Chlorotoluene	µg/l	0.2 U	0.2 U	0.2 U	**160**	NE	NE	NE
2-Hexanone	µg/l	2 U	2 U	2 U	NE	NE	NE	NE
4-Chlorotoluene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	µg/l	2 U	2 U	2 U	**640**	NE	NE	NE
Acetone	µg/l	5 U	5 U	5 U	**7,200**	NE	NE	NE
Benzene	µg/l	0.2 U	0.2 U	0.2 U	**0.8**	NE	NE	NE
Bromobenzene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Bromochloromethane	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Bromodichloromethane	µg/l	0.2 U	0.2 U	0.2 U	**0.71**	NE	NE	NE
Bromoform (Tribromomethane)	µg/l	1 U	1 U	1 U	**5.5**	NE	NE	NE
Bromomethane	µg/l	0.2 U	0.2 U	0.2 U	**11**	NE	NE	NE
Carbon Disulfide	µg/l	0.2 U	0.2 U	0.2 U	**800**	NE	NE	NE
Carbon Tetrachloride	µg/l	0.2 U	0.2 U	0.2 U	**0.625**	NE	NE	NE
Chlorobenzene	µg/l	0.2 U	0.2 U	0.2 U	**160**	NE	NE	NE
Chloroethane	µg/l	1 U	1 U	1 U	NE	NE	NE	NE
Chloroform	µg/l	0.2 U	0.2 U	0.2 U	**80**	NE	NE	NE
Chloromethane	µg/l	1 U	1 U	1 U	NE	NE	NE	NE
Cis-1,2-Dichloroethene	µg/l	0.2 U	0.2 U	0.2 U	**16**	NE	NE	NE
Cis-1,3-Dichloropropene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Dibromochloromethane	µg/l	0.2 U	0.2 U	0.2 U	**0.52**	NE	NE	NE
Dibromomethane	µg/l	0.2 U	0.2 U	0.2 U	**80**	NE	NE	NE
Dichlorodifluoromethane (CFC-12)	µg/l	0.25	0.2 U	0.2 U	**1,600**	NE	NE	NE
Ethylbenzene	µg/l	0.2 U	0.2 U	0.2 U	**800**	NE	NE	NE
Hexachlorobutadiene	µg/l	0.2 U	0.2 U	0.2 U	**0.56**	NE	NE	NE
Isopropylbenzene (Cumene)	µg/l	0.2 U	0.2 U	0.2 U	**800**	NE	NE	NE
Methyl Iodide (Iodomethane)	µg/l	1 U	1 U	1 U	NE	NE	NE	NE
Methyl t-butyl ether	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Methylene Chloride	µg/l	1 U	1 U	1 U	**5.8**	NE	NE	NE
Naphthalene	µg/l	1 U	1 U	1 U	**160**	NE	NE	NE

Analytes	Units	Sample ID and Date			Screening Levels			
		SW1 12/13/2011	SW2 12/13/2011	SW9 2/08/2012	Surface Water MTCA B - Carcinogenic Table Value	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Ch. 173-201A WAC	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304	Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131
n-Butylbenzene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
n-Propylbenzene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
p-Isopropyltoluene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Sec-Butylbenzene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Styrene	µg/l	0.2 U	0.2 U	0.2 U	1,600	NE	NE	NE
Tert-Butylbenzene	µg/l	0.2 U	0.2 U	0.2 U		NE	NE	NE
Tetrachloroethene	µg/l	**0.2 U**	**0.2 U**	**0.2 U**	0.081	NE	NE	NE
Toluene	µg/l	1 U	1 U	1 U	640	NE	NE	NE
Trans-1,2-Dichloroethene	µg/l	0.2 U	0.2 U	0.2 U	160	NE	NE	NE
Trans-1,3-Dichloropropene	µg/l	0.2 U	0.2 U	0.2 U	NE	NE	NE	NE
Trichloroethene (TCE)	µg/l	**0.2 U**	**0.2 U**	**0.2 U**	0.11	NE	NE	NE
Trichlorofluoromethane (CFC-11)	µg/l	0.62	0.2 U	0.2 U	2,400	NE	NE	NE
Vinyl Acetate	µg/l	2 U	2 U	2 U	8,000	NE	NE	NE
Vinyl Chloride	µg/l	**0.2 U**	**0.2 U**	**0.2 U**	0.0608	NE	NE	NE
Xylene, m-,p-	µg/l	0.4 U	0.4 U	0.4 U	NE	NE	NE	NE
Xylene, o-	µg/l	0.2 U	0.2 U	0.2 U	1,600	NE	NE	NE
Xylene, Total	µg/l	0.6 U	0.6 U	0.6 U	NE	NE	NE	NE
SVOCs by SW8270								
1,2-Diphenylhydrazine	µg/l	--	**0.95 U**	--	0.11	NE	NE	NE
1,3-Dinitrobenzene	µg/l	--	0.95 U	--	1.6	NE	NE	NE
2,3,4,6-Tetrachlorophenol	µg/l	--	0.95 U	--	480	NE	NE	NE
2,3,5,6-Tetrachlorophenol	µg/l	--	0.95 U	--	NE	NE	NE	NE
2,3-Dichloroaniline	µg/l	--	0.95 U	--	NE	NE	NE	NE
2,4,5-Trichlorophenol	µg/l	--	0.95 U	--	800	NE	NE	NE
2,4,6-Trichlorophenol	µg/l	--	0.95 U	--	4	NE	NE	NE
2,4-Dichlorophenol	µg/l	--	0.95 U	--	24	NE	NE	NE
2,4-Dimethylphenol	µg/l	--	0.95 U	--	160	NE	NE	NE
2,4-Dinitrophenol	µg/l	--	4.8 U	--	32	NE	NE	NE
2,4-Dinitrotoluene	µg/l	--	0.95 U	--	32	NE	NE	NE
2,6-Dinitrotoluene	µg/l	--	0.95 U	--	16	NE	NE	NE
2-Chloronaphthalene	µg/l	--	0.95 U	--	640	NE	NE	NE
2-Chlorophenol	µg/l	--	0.95 U	--	40	NE	NE	NE
2-Nitroaniline	µg/l	--	0.95 U	--	NE	NE	NE	NE
2-Nitrophenol	µg/l	--	0.95 U	--	NE	NE	NE	NE
3,3'-Dichlorobenzidine	µg/l	--	**0.95 U**	--	0.19	NE	NE	NE
3-Nitroaniline	µg/l	--	0.95 U	--	NE	NE	NE	NE

Analytes	Units	Sample ID and Date			Screening Levels			
		SW1 12/13/2011	SW2 12/13/2011	SW9 2/08/2012	Surface Water MTCA B - Carcinogenic Table Value	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Ch. 173-201A WAC	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304	Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131
4,6-Dinitro-2-Methylphenol	µg/l	--	4.8 U	--	NE	NE	NE	NE
4-Bromophenyl phenyl ether	µg/l	--	0.95 U	--	NE	NE	NE	NE
4-Chloro-3-Methylphenol	µg/l	--	0.95 U	--	NE	NE	NE	NE
4-Chloroaniline	µg/l	--	0.95 U	--	**32**	NE	NE	NE
4-Chlorophenyl-Phenylether	µg/l	--	0.95 U	--	NE	NE	NE	NE
4-Nitroaniline	µg/l	--	0.95 U	--	NE	NE	NE	NE
4-Nitrophenol (p-Nitrophenol)	µg/l	--	0.95 U	--	NE	NE	NE	NE
Aniline	µg/l	--	4.8 U	--	**7.7**	NE	NE	NE
Benzene, 1,4-Dinitro-	µg/l	--	0.95 U	--	**1.6**	NE	NE	NE
Benzidine	µg/l	--	**4.8 U**	--	**0.00038**	NE	NE	NE
Benzyl Alcohol	µg/l	--	0.95 U	--	**800**	NE	NE	NE
Bis(2-Chloroethoxy)Methane	µg/l	--	0.95 U	--	NE	NE	NE	NE
Bis(2-Chloroethyl)Ether	µg/l	--	**0.95 U**	--	**0.04**	NE	NE	NE
Bis(2-chloroisopropyl) ether	µg/l	--	0.95 U	--	NE	NE	NE	NE
Bis(2-Ethylhexyl) Phthalate	µg/l	--	0.95 U	--	**6.3**	NE	NE	NE
Butyl benzyl phthalate	µg/l	--	0.95 U	--	**3,200**	NE	NE	NE
Carbazole	µg/l	--	0.95 U	--	NE	NE	NE	NE
Dibutyl phthalate	µg/l	--	0.95 U	--	**1,600**	NE	NE	NE
Diethyl phthalate	µg/l	--	0.95 U	--	**13,000**	NE	NE	NE
Dimethyl phthalate	µg/l	--	0.95 U	--	NE	NE	NE	NE
Di-N-Octyl Phthalate	µg/l	--	0.95 U	--	NE	NE	NE	NE
Hexachlorobenzene	µg/l	--	**0.95 U**	--	**0.055**	NE	NE	NE
Hexachlorocyclopentadiene	µg/l	--	0.95 U	--	**48**	NE	NE	NE
Hexachloroethane	µg/l	--	0.95 U	--	**3.1**	NE	NE	NE
Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	µg/l	--	4.8 U	--	**73**	NE	NE	NE
Isophorone	µg/l	--	0.95 U	--	**46**	NE	NE	NE
m,p-Cresol	µg/l	--	0.95 U	--	NE	NE	NE	NE
Naphthalene	µg/l	0.12	0.095 U	0.1 U	**160**	NE	NE	NE
Nitrobenzene	µg/l	--	0.95 U	--	**16**	NE	NE	NE
N-Nitrosodimethylamine	µg/l	--	**0.95 U**	--	**0.00086**	NE	NE	NE
N-Nitrosodi-n-propylamine	µg/l	--	0.95 U	--	NE	NE	NE	NE
N-Nitrosodiphenylamine	µg/l	--	0.95 U	--	NE	NE	NE	NE
o-Cresol (2-methylphenol)	µg/l	--	0.95 U	--	**400**	NE	NE	NE
o-Dinitrobenzene	µg/l	--	0.95 U	--	**1.6**	NE	NE	NE
Pentachlorophenol	µg/l	--	**4.8 U**	--	**0.219**	**12.79**	**15**	**13**

Analytes	Units	Sample ID and Date			Screening Levels			
		SW1 12/13/2011	SW2 12/13/2011	SW9 2/08/2012	Surface Water MTCA B - Carcinogenic Table Value	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Ch. 173-201A WAC	Surface Water ARAR - Aquatic Life - Fresh/Chronic - Clean Water Act §304	Surface Water ARAR - Aquatic Life - Fresh/Chronic - National Toxics Rule, 40 CFR 131
Phenol	µg/l	--	0.95 U	--	**2,400**	NE	NE	NE
Pyridine	µg/l	--	0.95 U	--	**8**	NE	NE	NE

Notes:

[1] Chemical analysis performed by OnSite Environmental Inc. of Redmond, Washington.

[2] Model Toxics Control Act (MTCA) Cleanup Regulation Chapter 173-340 WAC. Method A clean-up levels.

[3] cPAH testing and regulatory evaluation is completed for individual carcinogenic compounds as well as the for the summation of the mixture of the seven carcinogenic PAHs (known as Ecology's toxicity equivalency methodology). The summation procedure is completed using toxicity equivalency factors for each individual compound which are then added to produce a total toxicity equivalent concentration (TTEC) which is then compared to the MTCA cleanup level of 0.1 µg/l.

ARAR = Applicable or Relevant and Appropriate Requirements

PCBs = Polychlorinated biphenyls

PAHs = Polycyclic aromatic hydrocarbons

VOCs = Volatile organic compound

SVOCs = Semivolatile organic compound

µg/l = microgram per liter

mg/l = milligrams per liter

-- = Not analyzed

U = The analyte was not detected at a concentration greater than the given RL or MDL.

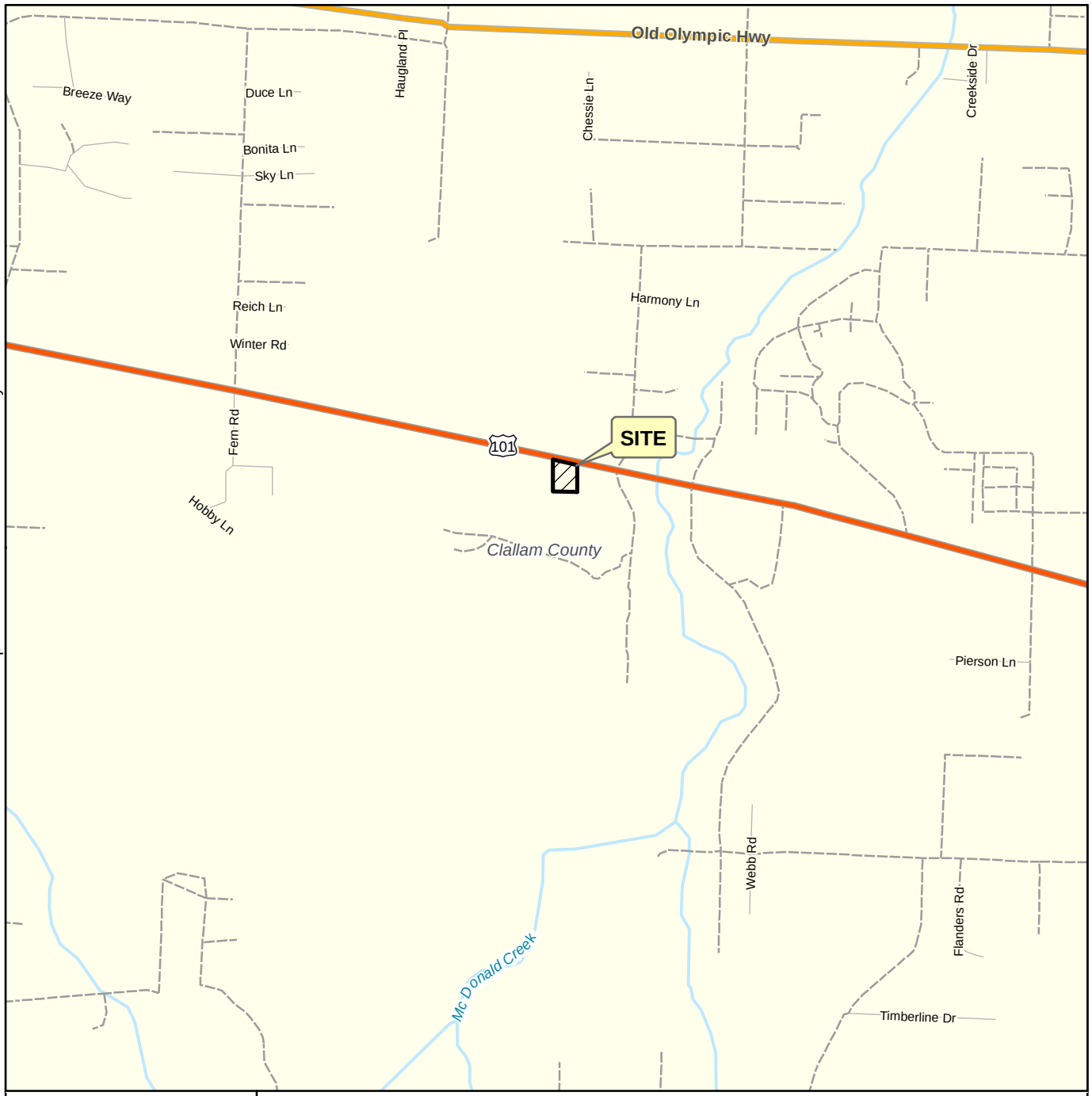
E = The concentration reported exceeds the quantitation range and is an estimate.

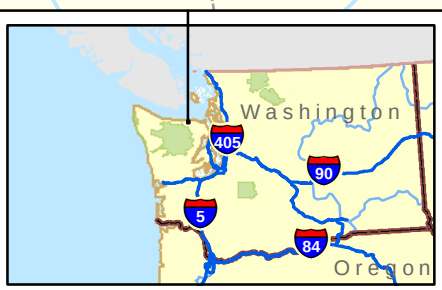
H = The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and may be impacting the sample result

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

NE = A cleanup level has not been established by Ecology.

Bold Type Exceeds One or More MTCA B (Surface Water - Table Value) or ARAR Screening Level





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Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission.

Data Sources: ESRI Data & Maps, Street Maps 2005

Transverse Mercator, State Plane South, North American Datum 1983
North arrow oriented to grid north

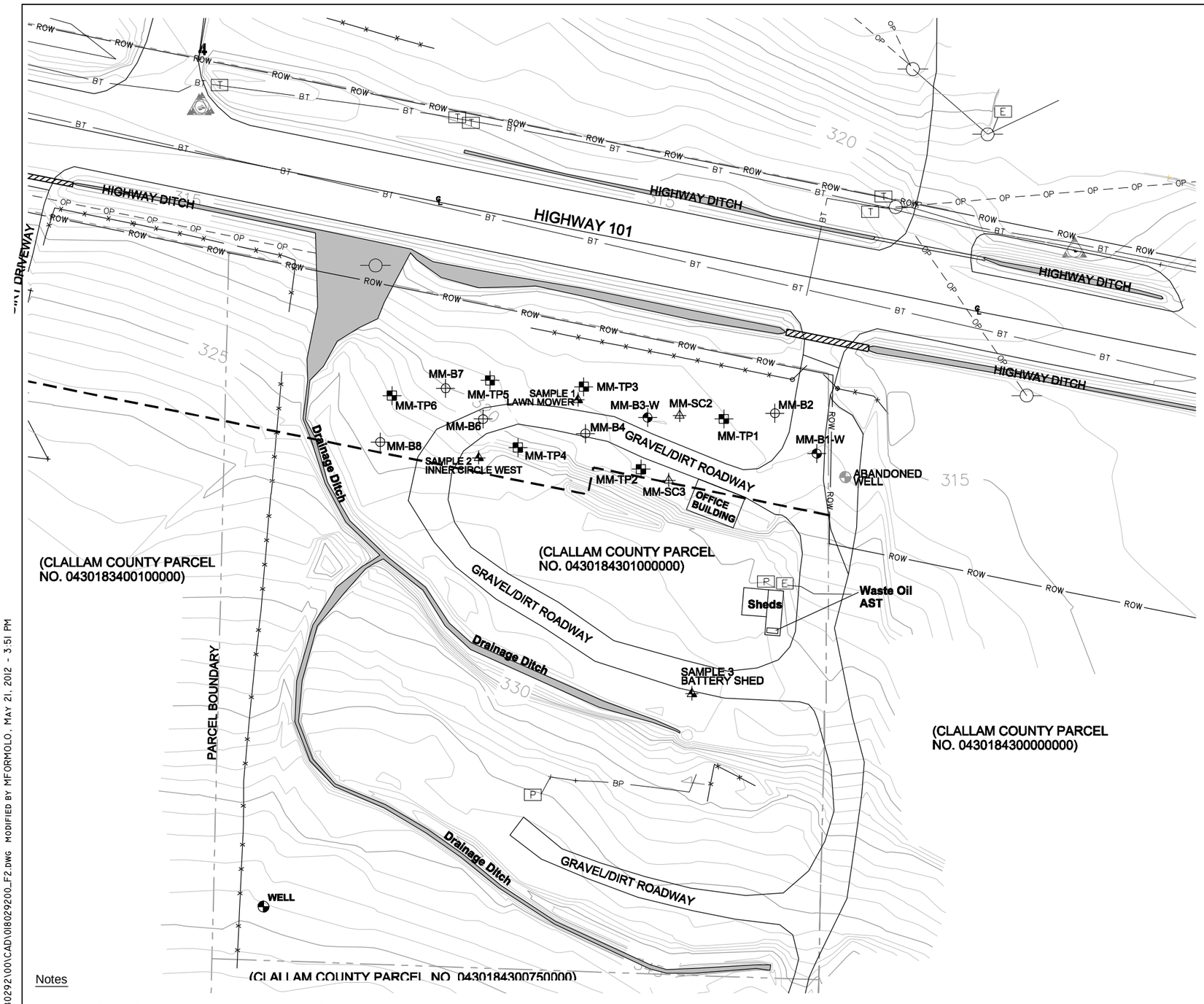
Vicinity Map

US 101 Midway Metals
Clallam County, Washington

GeoEngineers

Figure 1

Office: TACO Path: P:\0\0180292\GIS\0180292200_F1.mxd Map Revised: 29 November 2011 syi



LEGEND

- Approximate Location of Clallam Co. Surface Soil Sample
- Approximate Location of WSDOT Surface Soil Sample
- Approximate Location of WSDOT Direct Push Soil Boring
- Approximate Location of WSDOT Direct Push Soil/Groundwater Boring
- Approximate Location of WSDOT Test Pit
- Location of Existing Groundwater Well
- Location of Abandoned Groundwater Well (Plate Welded On Top of Casing)
- ROW — Existing WSDOT Right-of-Way
- Proposed WSDOT Right-of-Way
- Property Boundary
- Fence line
- 213 — Elevation Contours (1-foot interval)
- BT — Buried Telephone
- BP — Buried Power
- OP — OP — Overhead Power
- Water Meter
- P — Power Meter Box
- Utility Pole
- T — Telephone Vault
- E — Pad Mount Transformer
- Culvert

N W E S

60 0 60
FEET

Notes

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2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Base files provided by WSDOT Survey Support on January 04, 2012.

Site Plan with Previous Sample Locations

US 101 Midway Metals
Clallam County, Washington

GeoEngineers

Figure 2

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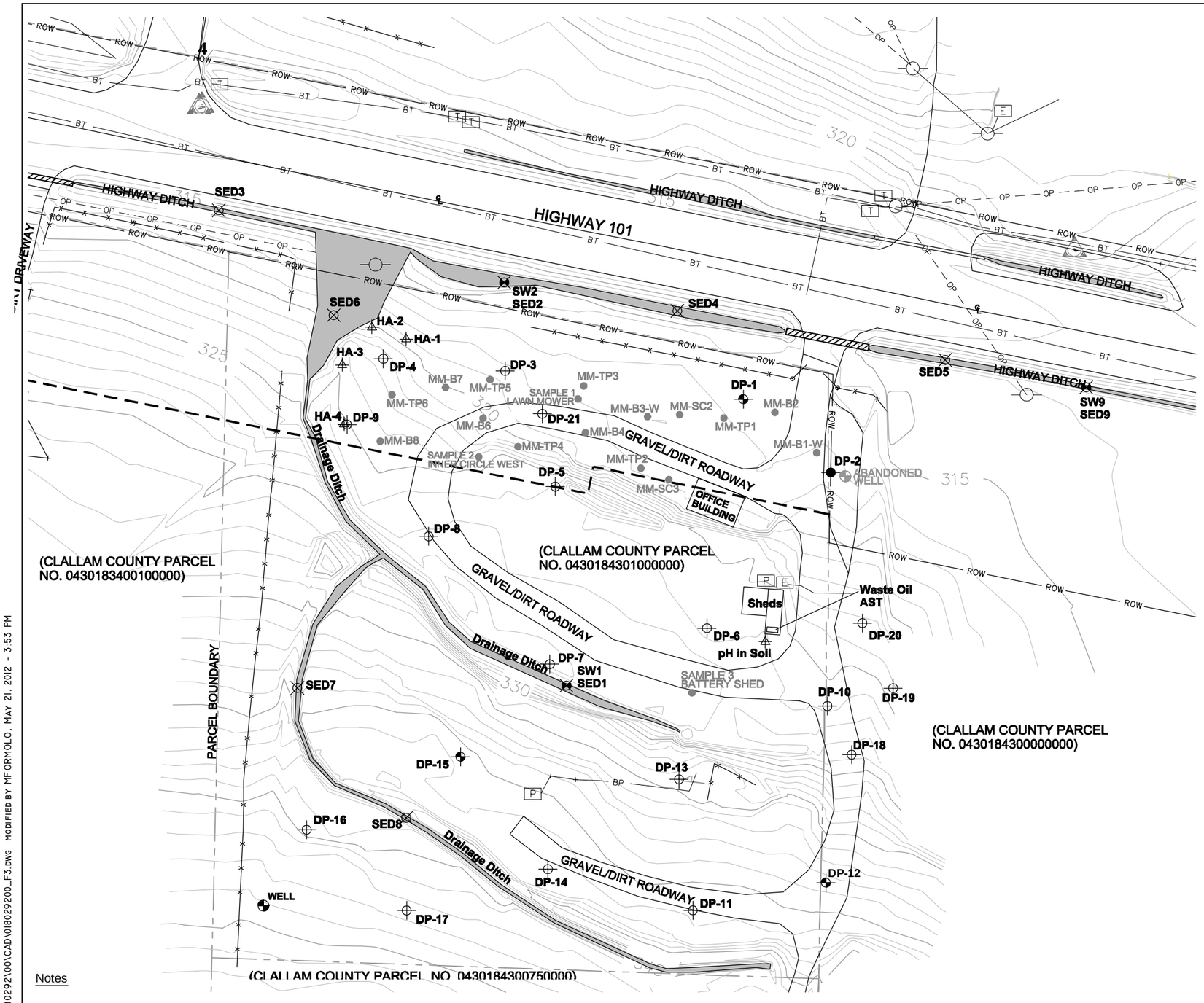

LEGEND

- Approximate Location of Previous Investigations Samples
- Location of GeoEngineers Sediment Sample
- Location of GeoEngineers Sediment/Surface Water Grab Sample
- Location of GeoEngineers Surface Soil Sample (0' to 2')
- Location of GeoEngineers Direct Push Soil Boring
- Location of GeoEngineers Direct Push Soil/Groundwater Boring
- Location of GeoEngineers Direct Push Groundwater Boring
- Location of Existing Groundwater Well
- Location of Abandoned Groundwater Well (Plate Welded On Top of Casing)
- ROW — Existing WSDOT Right-of-Way
- Proposed WSDOT Right-of-Way
- Property Boundary
- Fence line
- 213 — Elevation Contours (1-foot interval)
- BT — Buried Telephone
- BP — Buried Power
- OP — OP — Overhead Power
- Water Meter
- P — Power Meter Box
- Utility Pole
- T — Telephone Vault
- E — Pad Mount Transformer
- Culvert

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FEET

Notes

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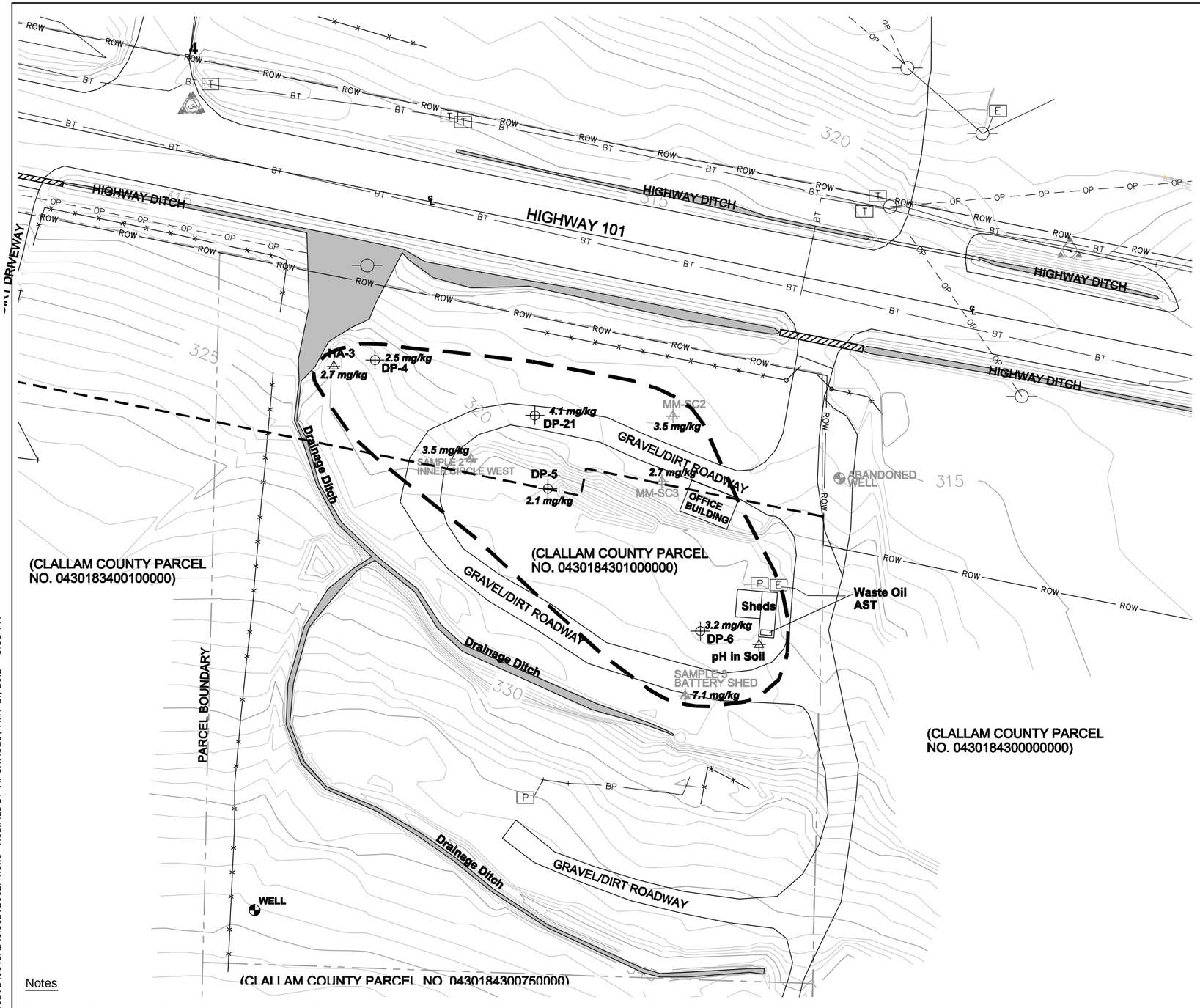
Reference: Base files provided by WSDOT Survey Support on January 04, 2012.

Remedial Investigation Plan

US 101 Midway Metals
Clallam County, Washington

GeoEngineers

Figure 3



LEGEND

- Approximate Location of Clallam Co. Surface Soil Sample
- Approximate Location of WSDOT Surface Soil Sample
- Location of GeoEngineers Surface Soil Sample (0' to 2')
- Location of GeoEngineers Direct Push Soil Boring
- Location of Existing Groundwater Well
- Location of Abandoned Groundwater Well (Plate Welded On Top of Casing)
- 3.2 mg/kg — Cadmium concentration in surface soil (<2' bgs)
- Approximate Extent of Shallow Contamination
- ROW — Existing WSDOT Right-of-Way
- Proposed WSDOT Right-of-Way
- Property Boundary
- Fence line
- 213 — Elevation Contours (1-foot interval)
- BT — Buried Telephone
- BP — Buried Power
- OP — OP — Overhead Power
- Water Meter
- P — Power Meter Box
- Utility Pole
- T — Telephone Vault
- E — Pad Mount Transformer
- Culvert

N W E S

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Notes

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Reference: Base files provided by WSDOT Survey Support on January 04, 2012.

Contaminant Boundary

US 101 Midway Metals
Clallam County, Washington

GeoEngineers | Figure 4

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APPENDIX A
Laboratory Analytical Data

OnSite Environmental Inc.

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

December 23, 2011

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1112-098

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on December 14, 2011.

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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

Case Narrative

Samples were collected on December 13 and 14, 2011 and received by the laboratory on December 14, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx 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.

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.

The value reported for Acetone in sample DP-1-0-2 exceeds the calibration range and is therefore an estimate. The sample was re-analyzed at the lowest possible dilution allowed by Method 5035A with non-detect results for Acetone.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample DP-5-0-2 due to sample matrix effects. The sample was re-analyzed with similar results. All results, including Practical Quantitation Limits, from Bromobenzene onward should be considered estimates.

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

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
DP-1-0-2	12-098-01	Soil	12-13-11	12-14-11	
DP-1-13-15	12-098-03	Soil	12-13-11	12-14-11	
DP-3-0-2	12-098-04	Soil	12-13-11	12-14-11	
DP-4-0-2	12-098-07	Soil	12-13-11	12-14-11	
DP-5-0-2	12-098-09	Soil	12-13-11	12-14-11	
DP-6-0-2	12-098-12	Soil	12-13-11	12-14-11	
DP-6-11.5-12.5	12-098-14	Soil	12-13-11	12-14-11	
DP-7-0-2	12-098-15	Soil	12-14-11	12-14-11	
DP-8-0-2	12-098-17	Soil	12-14-11	12-14-11	
DP-9-0-2	12-098-20	Soil	12-14-11	12-14-11	
DP-10-0-2	12-098-22	Soil	12-14-11	12-14-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
Gasoline	**ND**	6.2	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*68-124*				
Client ID:	**DP-1-13-15**					
Laboratory ID:	12-098-03					
Gasoline	**ND**	5.9	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*68-124*				
Client ID:	**DP-3-0-2**					
Laboratory ID:	12-098-04					
Gasoline	**ND**	6.3	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*68-124*				
Client ID:	**DP-4-0-2**					
Laboratory ID:	12-098-07					
Gasoline	**ND**	7.6	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*68-124*				
Client ID:	**DP-5-0-2**					
Laboratory ID:	12-098-09					
Gasoline	**ND**	5.7	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*68-124*				
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
Gasoline	**ND**	5.4	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*68-124*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-11.5-12.5**					
Laboratory ID:	12-098-14					
Gasoline	**ND**	5.7	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*68-124*				
Client ID:	**DP-7-0-2**					
Laboratory ID:	12-098-15					
Gasoline	**ND**	7.2	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*68-124*				
Client ID:	**DP-8-0-2**					
Laboratory ID:	12-098-17					
Gasoline	**18**	5.2	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*68-124*				
Client ID:	**DP-9-0-2**					
Laboratory ID:	12-098-20					
Gasoline	**ND**	8.4	NWTPH-Gx	12-16-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*68-124*				
Client ID:	**DP-10-0-2**					
Laboratory ID:	12-098-22					
Gasoline	**42**	5.0	NWTPH-Gx	12-16-11	12-19-11	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*68-124*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
Diesel Range Organics	**ND**	29	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**DP-1-13-15**					
Laboratory ID:	12-098-03					
Diesel Range Organics	**ND**	30	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**DP-3-0-2**					
Laboratory ID:	12-098-04					
Diesel Range Organics	**ND**	180	NWTPH-Dx	12-21-11	12-21-11	U1
Lube Oil	**880**	59	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**DP-4-0-2**					
Laboratory ID:	12-098-07					
Diesel Range Organics	**ND**	100	NWTPH-Dx	12-21-11	12-22-11	U1
Lube Oil	**580**	67	NWTPH-Dx	12-21-11	12-22-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**DP-5-0-2**					
Laboratory ID:	12-098-09					
Diesel Range Organics	**ND**	200	NWTPH-Dx	12-21-11	12-21-11	U1
Lube Oil	**1100**	58	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
Diesel Range Organics	**280**	28	NWTPH-Dx	12-21-11	12-21-11	N
Lube Oil	**1100**	56	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*129*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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:	**DP-6-11.5-12.5**					
Laboratory ID:	12-098-14					
Diesel Range Organics	**ND**	30	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**DP-7-0-2**					
Laboratory ID:	12-098-15					
Diesel Range Organics	**34**	32	NWTPH-Dx	12-21-11	12-21-11	N
Lube Oil	**130**	63	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**DP-8-0-2**					
Laboratory ID:	12-098-17					
Diesel Range Organics	**ND**	30	NWTPH-Dx	12-21-11	12-21-11	U1
Lube Oil	**150**	55	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*113*	*50-150*				
Client ID:	**DP-9-0-2**					
Laboratory ID:	12-098-20					
Diesel Range Organics	**ND**	73	NWTPH-Dx	12-21-11	12-21-11	U1
Lube Oil	**360**	70	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**DP-10-0-2**					
Laboratory ID:	12-098-22					
Diesel Range Organics	**ND**	34	NWTPH-Dx	12-21-11	12-21-11	U1
Lube Oil	**120**	58	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
Dichlorodifluoromethane	0.0022	0.00094	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0047	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0047	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Acetone	0.20	0.0047	EPA 8260	12-16-11	12-16-11	E
Iodomethane	ND	0.0047	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0047	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0047	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
2-Butanone	0.035	0.0047	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Benzene	0.0014	0.00094	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0047	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260	12-16-11	12-16-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0047	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	0.0043	0.00094	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0047	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*63-127*				
Toluene-d8	*96*	*65-129*				
4-Bromofluorobenzene	*82*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-13-15**					
Laboratory ID:	12-098-03					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Acetone	0.046	0.0053	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0053	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0053	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0053	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-13-15**					
Laboratory ID:	12-098-03					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0021	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0053	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*93*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-3-0-2**					
Laboratory ID:	12-098-04					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0055	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0055	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	0.64	0.064	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Acetone	0.52	0.32	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0055	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0055	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0055	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Butanone	0.10	0.0055	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0055	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0055	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-3-0-2**					
Laboratory ID:	12-098-04					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0055	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0022	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0055	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*63-127*				
Toluene-d8	*95*	*65-129*				
4-Bromofluorobenzene	*80*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-4-0-2**					
Laboratory ID:	12-098-07					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	3.6	0.075	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Acetone	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0056	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0056	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0056	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-4-0-2**					
Laboratory ID:	12-098-07					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0056	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0022	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.075	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.075	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.38	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.38	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.075	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.075	EPA 8260	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*63-127*				
Toluene-d8	*95*	*65-129*				
4-Bromofluorobenzene	*77*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-5-0-2**					
Laboratory ID:	12-098-09					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	0.011	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Acetone	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0052	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0052	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0052	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-5-0-2**					
Laboratory ID:	12-098-09					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	0.0040	0.0010	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0021	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0052	EPA 8260	12-19-11	12-19-11	
Naphthalene	0.0042	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*63-127*				
Toluene-d8	*94*	*65-129*				
4-Bromofluorobenzene	*79*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
Dichlorodifluoromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	0.0090	0.00095	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Acetone	0.053	0.0048	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0048	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Butanone	0.0060	0.0048	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	0.0016	0.00095	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*63-127*				
Toluene-d8	*95*	*65-129*				
4-Bromofluorobenzene	*83*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-11.5-12.5**					
Laboratory ID:	12-098-14					
Dichlorodifluoromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Acetone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0048	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-11.5-12.5**					
Laboratory ID:	12-098-14					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*93*	*55-121*				

Date of Report: December 23, 2011
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-7-0-2**					
Laboratory ID:	12-098-15					
Dichlorodifluoromethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Acetone	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0059	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0059	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0059	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-7-0-2**					
Laboratory ID:	12-098-15					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0023	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0059	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*63-127*				
Toluene-d8	*97*	*65-129*				
4-Bromofluorobenzene	*89*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-8-0-2**					
Laboratory ID:	12-098-17					
Dichlorodifluoromethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Acetone	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0046	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0046	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0046	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-8-0-2**					
Laboratory ID:	12-098-17					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0018	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0046	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*89*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-9-0-2**					
Laboratory ID:	12-098-20					
Dichlorodifluoromethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0067	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0067	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	0.0037	0.0013	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Acetone	0.097	0.0067	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0067	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0067	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0067	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
2-Butanone	0.0091	0.0067	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0067	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0067	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-9-0-2**					
Laboratory ID:	12-098-20					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0067	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0027	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0067	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*63-127*				
Toluene-d8	*99*	*65-129*				
4-Bromofluorobenzene	*81*	*55-121*				

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Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-10-0-2**					
Laboratory ID:	12-098-22					
Dichlorodifluoromethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	0.78	0.059	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Acetone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	0.0095	0.0048	EPA 8260	12-16-11	12-16-11	H
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.00096	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0048	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.00096	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.00096	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Benzene	0.013	0.00096	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Toluene	0.41	0.29	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260	12-16-11	12-16-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-10-0-2**					
Laboratory ID:	12-098-22					
1,1,2-Trichloroethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	0.019	0.00096	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0048	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.00096	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	0.23	0.059	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	1.2	0.12	EPA 8260	12-19-11	12-19-11	
o-Xylene	0.62	0.059	EPA 8260	12-19-11	12-19-11	
Styrene	0.0055	0.00096	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.00096	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	0.040	0.00096	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.059	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	0.27	0.059	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.059	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	0.84	0.059	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	2.5	0.059	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	0.098	0.059	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.29	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.29	EPA 8260	12-19-11	12-19-11	
Naphthalene	0.66	0.059	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.059	EPA 8260	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*63-127*				
Toluene-d8	*99*	*65-129*				
4-Bromofluorobenzene	*74*	*55-121*				

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
n-Nitrosodimethylamine	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	0.39	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**0.044**	0.039	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.39	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Naphthalene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
4-Chloroaniline	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Hexachlorocyclopentadiene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
3-Nitroaniline	**ND**	0.039	EPA 8270	12-19-11	12-20-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
2,4-Dinitrophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
4-Nitrophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
4,6-Dinitro-2-methylphenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Carbazole	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	0.39	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Benzidine	**ND**	0.39	EPA 8270	12-19-11	12-20-11	
Pyrene	**0.013**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Butylbenzylphthalate	**ND**	0.39	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.39	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.039	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*73*	*30 - 97*				
Phenol-d6	*70*	*40 - 104*				
Nitrobenzene-d5	*68*	*35 - 102*				
2-Fluorobiphenyl	*89*	*44 - 97*				
2,4,6-Tribromophenol	*110*	*41 - 110*				
Terphenyl-d14	*71*	*53 - 107*				

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
n-Nitrosodimethylamine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Naphthalene	**0.038**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
4-Chloroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**0.045**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**0.016**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**0.0099**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
3-Nitroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
2,4-Dinitrophenol	**ND**	0.94	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**0.0085**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
4-Nitrophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.94	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Fluorene	**0.013**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
4,6-Dinitro-2-methylphenol	**ND**	0.94	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.94	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**0.040**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**0.015**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Carbazole	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**0.045**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzidine	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Pyrene	**0.063**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Butylbenzylphthalate	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.94	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**0.026**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.035**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
bis(2-Ethylhexyl)phthalate	**0.97**	0.94	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.047**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**0.016**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.033**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Indeno[1,2,3-cd]pyrene	**0.030**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.038**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*46*	*30 - 97*				
Phenol-d6	*47*	*40 - 104*				
Nitrobenzene-d5	*39*	*35 - 102*				
2-Fluorobiphenyl	*77*	*44 - 97*				
2,4,6-Tribromophenol	*101*	*41 - 110*				
Terphenyl-d14	*66*	*53 - 107*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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:	**DP-1-13-15**					
Laboratory ID:	12-098-03					
Naphthalene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*50*	*43 - 109*				
Pyrene-d10	*55*	*38 - 128*				
Terphenyl-d14	*51*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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:	**DP-3-0-2**					
Laboratory ID:	12-098-04					
Naphthalene	**0.021**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.020**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**0.010**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**0.011**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.034**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**0.011**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.045**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.047**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**0.024**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.036**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.039**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**0.011**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.028**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**0.020**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.025**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*43 - 109*				
Pyrene-d10	*64*	*38 - 128*				
Terphenyl-d14	*78*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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:	**DP-4-0-2**					
Laboratory ID:	12-098-07					
Naphthalene	**0.015**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.018**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.017**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.017**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.020**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.014**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.015**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.0095**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.012**	0.0089	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*43 - 109*				
Pyrene-d10	*62*	*38 - 128*				
Terphenyl-d14	*64*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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:	**DP-5-0-2**					
Laboratory ID:	12-098-09					
Naphthalene	**0.033**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.032**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**0.015**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**0.0082**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.049**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**0.014**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.063**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.068**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**0.036**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.050**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.062**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**0.017**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.046**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**0.038**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**0.0092**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.045**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*43 - 109*				
Pyrene-d10	*65*	*38 - 128*				
Terphenyl-d14	*81*	*33 - 119*				

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Project: 0180-292-00

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:	**DP-6-11.5-12.5**					
Laboratory ID:	12-098-14					
Naphthalene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0080	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*43 - 109*				
Pyrene-d10	*66*	*38 - 128*				
Terphenyl-d14	*60*	*33 - 119*				

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Project: 0180-292-00

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:	**DP-7-0-2**					
Laboratory ID:	12-098-15					
Naphthalene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.0088**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.012**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.016**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.015**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**0.027**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.0097**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0085	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*54*	*43 - 109*				
Pyrene-d10	*59*	*38 - 128*				
Terphenyl-d14	*56*	*33 - 119*				

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Project: 0180-292-00

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:	**DP-8-0-2**					
Laboratory ID:	12-098-17					
Naphthalene	**0.0081**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.0082**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.0085**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.010**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.0091**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0073	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*59*	*43 - 109*				
Pyrene-d10	*64*	*38 - 128*				
Terphenyl-d14	*67*	*33 - 119*				

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Project: 0180-292-00

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:	**DP-9-0-2**					
Laboratory ID:	12-098-20					
Naphthalene	**0.016**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.013**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**0.037**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**0.019**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**0.028**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.22**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**0.072**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.35**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.28**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**0.16**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.15**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.17**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**0.057**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.14**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**0.082**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**0.020**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.076**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*50*	*43 - 109*				
Pyrene-d10	*60*	*38 - 128*				
Terphenyl-d14	*61*	*33 - 119*				

Date of Report: December 23, 2011
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Project: 0180-292-00

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:	**DP-10-0-2**					
Laboratory ID:	12-098-22					
Naphthalene	**0.029**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.037**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**0.020**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.013**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.010**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.011**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0078	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*58*	*43 - 109*				
Pyrene-d10	*64*	*38 - 128*				
Terphenyl-d14	*62*	*33 - 119*				

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Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-1-0-2**					
Laboratory ID:	12-098-01					
Aroclor 1016	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*42-123*				
Client ID:	**DP-1-13-15**					
Laboratory ID:	12-098-03					
Aroclor 1016	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*42-123*				
Client ID:	**DP-3-0-2**					
Laboratory ID:	12-098-04					
Aroclor 1016	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.059	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*70*	*42-123*				

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PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-4-0-2**					
Laboratory ID:	12-098-07					
Aroclor 1016	**ND**	0.067	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.067	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.067	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**0.42**	0.067	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.067	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.067	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.067	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*65*	*42-123*				
Client ID:	**DP-5-0-2**					
Laboratory ID:	12-098-09					
Aroclor 1016	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**0.089**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**0.14**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*42-123*				
Client ID:	**DP-6-0-2**					
Laboratory ID:	12-098-12					
Aroclor 1016	**ND**	0.056	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.056	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.056	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**0.14**	0.056	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.056	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.056	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**0.13**	0.056	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*42-123*				

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PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-11.5-12.5**					
Laboratory ID:	12-098-14					
Aroclor 1016	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.060	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*42-123*				
Client ID:	**DP-7-0-2**					
Laboratory ID:	12-098-15					
Aroclor 1016	**ND**	0.063	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.063	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.063	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**0.12**	0.063	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.063	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.063	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**0.079**	0.063	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*42-123*				
Client ID:	**DP-8-0-2**					
Laboratory ID:	12-098-17					
Aroclor 1016	**ND**	0.055	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.055	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.055	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.055	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.055	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**0.058**	0.055	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.055	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*42-123*				

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PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-9-0-2**					
Laboratory ID:	12-098-20					
Aroclor 1016	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.070	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*42-123*				
Client ID:	**DP-10-0-2**					
Laboratory ID:	12-098-22					
Aroclor 1016	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.058	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*42-123*				

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-01					
Client ID:	**DP-1-0-2**					
Arsenic	**ND**	12	6010B	12-19-11	12-19-11	
Barium	**70**	2.9	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.58	6010B	12-19-11	12-19-11	
Chromium	**34**	0.58	6010B	12-19-11	12-19-11	
Lead	**ND**	5.8	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.29	7471A	12-19-11	12-19-11	
Selenium	**ND**	12	6010B	12-19-11	12-19-11	
Silver	**ND**	0.58	6010B	12-19-11	12-19-11	
Lab ID:	12-098-03					
Client ID:	**DP-1-13-15**					
Arsenic	**ND**	12	6010B	12-19-11	12-19-11	
Barium	**30**	3.0	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.59	6010B	12-19-11	12-19-11	
Chromium	**29**	0.59	6010B	12-19-11	12-19-11	
Lead	**ND**	5.9	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.30	7471A	12-19-11	12-19-11	
Selenium	**ND**	12	6010B	12-19-11	12-19-11	
Silver	**ND**	0.59	6010B	12-19-11	12-19-11	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-04					
Client ID:	**DP-3-0-2**					
Arsenic	**ND**	12	6010B	12-19-11	12-19-11	
Barium	**89**	2.9	6010B	12-19-11	12-19-11	
Cadmium	**0.80**	0.59	6010B	12-19-11	12-19-11	
Chromium	**36**	0.59	6010B	12-19-11	12-19-11	
Lead	**40**	5.9	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.29	7471A	12-19-11	12-19-11	
Selenium	**ND**	12	6010B	12-19-11	12-19-11	
Silver	**ND**	0.59	6010B	12-19-11	12-19-11	
Lab ID:	12-098-07					
Client ID:	**DP-4-0-2**					
Arsenic	**ND**	13	6010B	12-19-11	12-19-11	
Barium	**99**	3.3	6010B	12-19-11	12-19-11	
Cadmium	**2.5**	0.67	6010B	12-19-11	12-19-11	
Chromium	**42**	0.67	6010B	12-19-11	12-19-11	
Lead	**150**	6.7	6010B	12-19-11	12-19-11	
Mercury	**0.67**	0.33	7471A	12-19-11	12-19-11	
Selenium	**ND**	13	6010B	12-19-11	12-19-11	
Silver	**ND**	0.67	6010B	12-19-11	12-19-11	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-09					
Client ID:	**DP-5-0-2**					
Arsenic	**ND**	12	6010B	12-19-11	12-19-11	
Barium	**120**	2.9	6010B	12-19-11	12-19-11	
Cadmium	**2.1**	0.58	6010B	12-19-11	12-19-11	
Chromium	**35**	0.58	6010B	12-19-11	12-19-11	
Lead	**130**	5.8	6010B	12-19-11	12-19-11	
Mercury	**0.32**	0.29	7471A	12-19-11	12-19-11	
Selenium	**ND**	12	6010B	12-19-11	12-19-11	
Silver	**ND**	0.58	6010B	12-19-11	12-19-11	
Lab ID:	12-098-12					
Client ID:	**DP-6-0-2**					
Arsenic	**ND**	11	6010B	12-19-11	12-19-11	
Barium	**72**	2.8	6010B	12-19-11	12-19-11	
Cadmium	**3.2**	0.56	6010B	12-19-11	12-19-11	
Chromium	**41**	0.56	6010B	12-19-11	12-19-11	
Lead	**160**	5.6	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.28	7471A	12-19-11	12-19-11	
Selenium	**ND**	11	6010B	12-19-11	12-19-11	
Silver	**ND**	0.56	6010B	12-19-11	12-19-11	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-14					
Client ID:	**DP-6-11.5-12.5**					
Arsenic	**ND**	12	6010B	12-19-11	12-19-11	
Barium	**42**	3.0	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.60	6010B	12-19-11	12-19-11	
Chromium	**26**	0.60	6010B	12-19-11	12-19-11	
Lead	**ND**	6.0	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.30	7471A	12-19-11	12-19-11	
Selenium	**ND**	12	6010B	12-19-11	12-19-11	
Silver	**ND**	0.60	6010B	12-19-11	12-19-11	
Lab ID:	12-098-15					
Client ID:	**DP-7-0-2**					
Arsenic	**ND**	13	6010B	12-19-11	12-19-11	
Barium	**88**	3.2	6010B	12-19-11	12-19-11	
Cadmium	**0.81**	0.63	6010B	12-19-11	12-19-11	
Chromium	**31**	0.63	6010B	12-19-11	12-19-11	
Lead	**93**	6.3	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.32	7471A	12-19-11	12-19-11	
Selenium	**ND**	13	6010B	12-19-11	12-19-11	
Silver	**ND**	0.63	6010B	12-19-11	12-19-11	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-17					
Client ID:	**DP-8-0-2**					
Arsenic	**ND**	11	6010B	12-19-11	12-19-11	
Barium	**46**	2.7	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.55	6010B	12-19-11	12-19-11	
Chromium	**29**	0.55	6010B	12-19-11	12-19-11	
Lead	**24**	5.5	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.27	7471A	12-19-11	12-19-11	
Selenium	**ND**	11	6010B	12-19-11	12-19-11	
Silver	**ND**	0.55	6010B	12-19-11	12-19-11	
Lab ID:	12-098-20					
Client ID:	**DP-9-0-2**					
Arsenic	**ND**	14	6010B	12-19-11	12-19-11	
Barium	**84**	3.5	6010B	12-19-11	12-19-11	
Cadmium	**1.6**	0.70	6010B	12-19-11	12-19-11	
Chromium	**46**	0.70	6010B	12-19-11	12-19-11	
Lead	**85**	7.0	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.35	7471A	12-19-11	12-19-11	
Selenium	**ND**	14	6010B	12-19-11	12-19-11	
Silver	**ND**	0.70	6010B	12-19-11	12-19-11	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-22					
Client ID:	**DP-10-0-2**					
Arsenic	**ND**	12	6010B	12-19-11	12-19-11	
Barium	**70**	2.9	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.58	6010B	12-19-11	12-19-11	
Chromium	**34**	0.58	6010B	12-19-11	12-19-11	
Lead	**8.3**	5.8	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.29	7471A	12-19-11	12-19-11	
Selenium	**ND**	12	6010B	12-19-11	12-19-11	
Silver	**ND**	0.58	6010B	12-19-11	12-19-11	

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NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216S1					
Gasoline	**ND**	5.0	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*68-124*				
Laboratory ID:	MB1216S2					
Gasoline	**ND**	5.0	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*68-124*				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	12-099-08								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*100* *103*	*68-124*			
Laboratory ID:	12-100-03								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*102* *106*	*68-124*			

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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:	MB1221S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*111*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-098-14						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*108* *109*	*50-150*			
Laboratory ID:	12-098-17						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	U1
Lube Oil	**137**	**117**			16	NA	
Surrogate:							
o-Terphenyl			*113* *101*	*50-150*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Chloromethane	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Bromomethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Chloroethane	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Acetone	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Iodomethane	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-16-11	12-16-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-16-11	12-16-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
2-Butanone	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Chloroform	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Benzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Trichloroethene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Dibromomethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-16-11	12-16-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Toluene	ND	0.0050	EPA 8260	12-16-11	12-16-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-16-11	12-16-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
2-Hexanone	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-16-11	12-16-11	
o-Xylene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Styrene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Bromoform	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Bromobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-16-11	12-16-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-16-11	12-16-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-16-11	12-16-11	
Naphthalene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*63-127*				
Toluene-d8	*101*	*65-129*				
4-Bromofluorobenzene	*95*	*55-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Acetone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0050	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	

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Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*63-127*				
Toluene-d8	*99*	*65-129*				
4-Bromofluorobenzene	*99*	*55-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1216S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0554**	**0.0572**	0.0500	0.0500	111	114	70-130	3	19	
Benzene	**0.0505**	**0.0515**	0.0500	0.0500	101	103	70-125	2	15	
Trichloroethene	**0.0482**	**0.0477**	0.0500	0.0500	96	95	70-122	1	14	
Toluene	**0.0494**	**0.0489**	0.0500	0.0500	99	98	73-120	1	16	
Chlorobenzene	**0.0465**	**0.0446**	0.0500	0.0500	93	89	74-109	4	12	
Surrogate:										
Dibromofluoromethane					*85*	*85*	*63-127*			
Toluene-d8					*89*	*91*	*65-129*			
4-Bromofluorobenzene					*85*	*86*	*55-121*			
Laboratory ID:	SB1219S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0559**	**0.0550**	0.0500	0.0500	112	110	70-130	2	19	
Benzene	**0.0514**	**0.0506**	0.0500	0.0500	103	101	70-125	2	15	
Trichloroethene	**0.0471**	**0.0470**	0.0500	0.0500	94	94	70-122	0	14	
Toluene	**0.0493**	**0.0484**	0.0500	0.0500	99	97	73-120	2	16	
Chlorobenzene	**0.0455**	**0.0432**	0.0500	0.0500	91	86	74-109	5	12	
Surrogate:										
Dibromofluoromethane					*89*	*84*	*63-127*			
Toluene-d8					*91*	*92*	*65-129*			
4-Bromofluorobenzene					*87*	*88*	*55-121*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S2					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4-Chloroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
3-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S2					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4-Nitrophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Carbazole	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzidine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Butylbenzylphthalate	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*85*	*30 - 97*				
Phenol-d6	*80*	*40 - 104*				
Nitrobenzene-d5	*74*	*35 - 102*				
2-Fluorobiphenyl	*92*	*44 - 97*				
2,4,6-Tribromophenol	*103*	*41 - 110*				
Terphenyl-d14	*79*	*53 - 107*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1219S2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.925**	**0.950**	1.33	1.33	70	71	31 - 111	3	34	
2-Chlorophenol	**1.04**	**1.06**	1.33	1.33	78	80	29 - 112	2	37	
1,4-Dichlorobenzene	**0.522**	**0.528**	0.667	0.667	78	79	24 - 100	1	37	
n-Nitroso-di-n-propylamine	**0.396**	**0.405**	0.667	0.667	59	61	35 - 104	2	32	
1,2,4-Trichlorobenzene	**0.685**	**0.713**	0.667	0.667	103	107	29 - 110	4	35	
4-Chloro-3-methylphenol	**1.13**	**1.19**	1.33	1.33	85	89	53 - 104	5	25	
Acenaphthene	**0.544**	**0.563**	0.667	0.667	82	84	50 - 95	3	23	
4-Nitrophenol	**1.22**	**1.30**	1.33	1.33	92	98	42 - 126	6	30	
2,4-Dinitrotoluene	**0.722**	**0.749**	0.667	0.667	108	112	53 - 115	4	31	
Pentachlorophenol	**0.939**	**1.03**	1.33	1.33	71	77	50 - 116	9	30	
Pyrene	**0.446**	**0.468**	0.667	0.667	67	70	57 - 120	5	27	
Surrogate:										
2-Fluorophenol					*83*	*82*	*30 - 97*			
Phenol-d6					*76*	*78*	*40 - 104*			
Nitrobenzene-d5					*72*	*74*	*35 - 102*			
2-Fluorobiphenyl					*91*	*91*	*44 - 97*			
2,4,6-Tribromophenol					*105*	*111*	*41 - 110*			
Terphenyl-d14					*78*	*82*	*53 - 107*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*43 - 109*				
Pyrene-d10	*85*	*38 - 128*				
Terphenyl-d14	*77*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-110-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0546**	**0.0593**	0.0833	0.0833	ND	66	71	39 - 110	8	21	
Acenaphthylene	**0.0530**	**0.0593**	0.0833	0.0833	ND	64	71	47 - 124	11	21	
Acenaphthene	**0.0489**	**0.0560**	0.0833	0.0833	ND	59	67	50 - 120	14	20	
Fluorene	**0.0487**	**0.0568**	0.0833	0.0833	ND	58	68	52 - 126	15	21	
Phenanthrene	**0.0478**	**0.0551**	0.0833	0.0833	ND	57	66	41 - 130	14	22	
Anthracene	**0.0473**	**0.0554**	0.0833	0.0833	ND	57	67	48 - 124	16	23	
Fluoranthene	**0.0495**	**0.0581**	0.0833	0.0833	ND	59	70	40 - 137	16	23	
Pyrene	**0.0487**	**0.0579**	0.0833	0.0833	ND	58	70	36 - 139	17	23	
Benzo[a]anthracene	**0.0496**	**0.0593**	0.0833	0.0833	ND	60	71	43 - 127	18	21	
Chrysene	**0.0476**	**0.0570**	0.0833	0.0833	ND	57	68	41 - 133	18	19	
Benzo[b]fluoranthene	**0.0452**	**0.0555**	0.0833	0.0833	ND	54	67	40 - 132	20	25	
Benzo(j,k)fluoranthene	**0.0436**	**0.0526**	0.0833	0.0833	ND	52	63	35 - 132	19	25	
Benzo[a]pyrene	**0.0471**	**0.0563**	0.0833	0.0833	ND	57	68	37 - 131	18	26	
Indeno(1,2,3-c,d)pyrene	**0.0444**	**0.0541**	0.0833	0.0833	ND	53	65	39 - 134	20	23	
Dibenz[a,h]anthracene	**0.0457**	**0.0553**	0.0833	0.0833	ND	55	66	40 - 137	19	21	
Benzo[g,h,i]perylene	**0.0456**	**0.0550**	0.0833	0.0833	ND	55	66	35 - 135	19	22	
Surrogate:											
2-Fluorobiphenyl						*54*	*60*	*43 - 109*			
Pyrene-d10						*56*	*67*	*38 - 128*			
Terphenyl-d14						*53*	*63*	*33 - 119*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1218S1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-18-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*42-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-098-03										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.396**	**0.443**	0.500	0.500	ND	**79**	**89**	44-125	11	15	
Surrogate:											
DCB						*74*	*84*	*42-123*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1219SM1&MB1219S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**ND**	2.5
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.50

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-17

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**42.3**	**47.4**	11	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**26.3**	**27.9**	6	0.50	
Lead	**21.6**	**22.6**	5	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
MS/MSD QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-17

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**88.7**	89	**89.0**	89	0	
Barium	100	**142**	100	**140**	97	2	
Cadmium	50.0	**47.0**	94	**47.2**	94	0	
Chromium	100	**119**	92	**121**	94	2	
Lead	250	**253**	93	**241**	88	5	
Mercury	0.500	**0.512**	102	**0.490**	98	4	
Selenium	100	**91.6**	92	**92.3**	92	1	
Silver	25.0	**21.0**	84	**21.1**	84	0	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098
Project: 0180-292-00

% MOISTURE

Date Analyzed: 12-16-11

Client ID	Lab ID	% Moisture
DP-1-0-2	12-098-01	14
DP-1-13-15	12-098-03	16
DP-3-0-2	12-098-04	15
DP-4-0-2	12-098-07	25
DP-5-0-2	12-098-09	13
DP-6-0-2	12-098-12	11
DP-6-11.5-12.5	12-098-14	17
DP-7-0-2	12-098-15	21
DP-8-0-2	12-098-17	9
DP-9-0-2	12-098-20	29
DP-10-0-2	12-098-22	14

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

December 27, 2011

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1112-110

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on December 15, 2011.

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: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

Case Narrative

Samples were collected on December 14, 2011 and received by the laboratory on December 15, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx and 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.

PAHs EPA 8270D/SIM Analysis

Sample DP-DUPE-1 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%.

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

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
DP-10-13-15	12-110-01	Soil	12-14-11	12-15-11	
DP-11-0-2	12-110-02	Soil	12-14-11	12-15-11	
DP-11-2-3.5	12-110-03	Soil	12-14-11	12-15-11	
DP-DUPE-1	12-110-05	Soil	12-14-11	12-15-11	

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-10-13-15**					
Laboratory ID:	12-110-01					
Gasoline	**ND**	5.1	NWTPH-Gx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***92***	***68-124***				
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
Gasoline	**ND**	5.8	NWTPH-Gx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***100***	***68-124***				
Client ID:	**DP-11-2-3.5**					
Laboratory ID:	12-110-03					
Gasoline	**ND**	5.1	NWTPH-Gx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***102***	***68-124***				
Client ID:	**DP-DUPE-1**					
Laboratory ID:	12-110-05					
Gasoline	**ND**	5.7	NWTPH-Gx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***99***	***68-124***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

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:	**DP-10-13-15**					
Laboratory ID:	12-110-01					
Diesel Range Organics	**ND**	28	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***109***	***50-150***				
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
Diesel Range Organics	**ND**	91	NWTPH-Dx	12-19-11	12-19-11	U1
Lube Oil	**480**	58	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***103***	***50-150***				
Client ID:	**DP-11-2-3.5**					
Laboratory ID:	12-110-03					
Diesel Range Organics	**ND**	29	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***115***	***50-150***				
Client ID:	**DP-DUPE-1**					
Laboratory ID:	12-110-05					
Diesel Range Organics	**ND**	28	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***104***	***50-150***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-10-13-15**					
Laboratory ID:	12-110-01					
Dichlorodifluoromethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Acetone	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0045	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0045	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0045	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.00090	EPA 8260	12-19-11	12-19-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-10-13-15**					
Laboratory ID:	12-110-01					
1,1,2-Trichloroethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0018	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.00090	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0045	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0045	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.00090	EPA 8260	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***91***	***63-127***				
Toluene-d8	***99***	***65-129***				
4-Bromofluorobenzene	***93***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Acetone	0.049	0.0054	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0054	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0054	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0054	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-19-11	12-19-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0022	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0054	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***90***	***63-127***				
Toluene-d8	***96***	***65-129***				
4-Bromofluorobenzene	***80***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-11-2-3.5**					
Laboratory ID:	12-110-03					
Dichlorodifluoromethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Acetone	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0044	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0044	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0044	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260	12-19-11	12-19-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-11-2-3.5**					
Laboratory ID:	12-110-03					
1,1,2-Trichloroethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0018	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.00089	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0044	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.00089	EPA 8260	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***94***	***63-127***				
Toluene-d8	***100***	***65-129***				
4-Bromofluorobenzene	***95***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-DUPE-1**					
Laboratory ID:	12-110-05					
Dichlorodifluoromethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Acetone	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0049	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0049	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0049	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260	12-19-11	12-19-11	

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Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-DUPE-1**					
Laboratory ID:	12-110-05					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0049	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***90***	***63-127***				
Toluene-d8	***97***	***65-129***				
4-Bromofluorobenzene	***94***	***55-121***				

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
n-Nitrosodimethylamine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Naphthalene	**0.026**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
4-Chloroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Hexachlorocyclopentadiene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
3-Nitroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
2,4-Dinitrophenol	**ND**	0.96	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
4-Nitrophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.96	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
4,6-Dinitro-2-methylphenol	**ND**	0.96	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.96	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**0.010**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Carbazole	**ND**	0.19	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**0.015**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzidine	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Pyrene	**0.022**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Butylbenzylphthalate	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.96	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	1.9	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.011**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
bis(2-Ethylhexyl)phthalate	**46**	3.9	EPA 8270	12-19-11	12-21-11	
Di-n-octylphthalate	**6.7**	0.77	EPA 8270	12-19-11	12-21-11	
Benzo[b]fluoranthene	**0.0099**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**0.010**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***52***	***30 - 97***				
Phenol-d6	***54***	***40 - 104***				
Nitrobenzene-d5	***52***	***35 - 102***				
2-Fluorobiphenyl	***81***	***44 - 97***				
2,4,6-Tribromophenol	***49***	***41 - 110***				
Terphenyl-d14	***79***	***53 - 107***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

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:	**DP-10-13-15**					
Laboratory ID:	12-110-01					
Naphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***48***	***43 - 109***				
Pyrene-d10	***59***	***38 - 128***				
Terphenyl-d14	***55***	***33 - 119***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

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:	**DP-11-2-3.5**					
Laboratory ID:	12-110-03					
Naphthalene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***49***	***43 - 109***				
Pyrene-d10	***52***	***38 - 128***				
Terphenyl-d14	***46***	***33 - 119***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

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:	**DP-DUPE-1**					
Laboratory ID:	12-110-05					
Naphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***40***	***43 - 109***				Q
Pyrene-d10	***47***	***38 - 128***				
Terphenyl-d14	***45***	***33 - 119***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-10-13-15**					
Laboratory ID:	12-110-01					
Aroclor 1016	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1221	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1232	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1242	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1248	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1254	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1260	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***74***	***42-123***				
Client ID:	**DP-11-0-2**					
Laboratory ID:	12-110-02					
Aroclor 1016	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1221	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1232	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1242	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1248	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1254	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1260	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***116***	***42-123***				
Client ID:	**DP-11-2-3.5**					
Laboratory ID:	12-110-03					
Aroclor 1016	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1221	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1232	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1242	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1248	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1254	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Aroclor 1260	**ND**	0.058	EPA 8082	12-21-11	12-21-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***59***	***42-123***				

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Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-DUPE-1**					
Laboratory ID:	12-110-05					
Aroclor 1016	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1221	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1232	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1242	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1248	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1254	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Aroclor 1260	**ND**	0.056	EPA 8082	12-21-11	12-21-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***110***	***42-123***				

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-110-01					
Client ID:	**DP-10-13-15**					
Arsenic	**ND**	11	6010B	12-20-11	12-20-11	
Barium	**58**	2.8	6010B	12-20-11	12-20-11	
Cadmium	**ND**	0.56	6010B	12-20-11	12-20-11	
Chromium	**38**	0.56	6010B	12-20-11	12-20-11	
Lead	**ND**	5.6	6010B	12-20-11	12-20-11	
Mercury	**ND**	0.28	7471A	12-20-11	12-20-11	
Selenium	**ND**	11	6010B	12-20-11	12-20-11	
Silver	**ND**	0.56	6010B	12-20-11	12-20-11	
Lab ID:	12-110-02					
Client ID:	**DP-11-0-2**					
Arsenic	**ND**	12	6010B	12-20-11	12-20-11	
Barium	**82**	2.9	6010B	12-20-11	12-20-11	
Cadmium	**0.89**	0.58	6010B	12-20-11	12-20-11	
Chromium	**37**	0.58	6010B	12-20-11	12-20-11	
Lead	**26**	5.8	6010B	12-20-11	12-20-11	
Mercury	**ND**	0.29	7471A	12-20-11	12-20-11	
Selenium	**ND**	12	6010B	12-20-11	12-20-11	
Silver	**ND**	0.58	6010B	12-20-11	12-20-11	

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Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-110-03					
Client ID:	**DP-11-2-3.5**					
Arsenic	**ND**	12	6010B	12-20-11	12-20-11	
Barium	**74**	2.9	6010B	12-20-11	12-20-11	
Cadmium	**ND**	0.58	6010B	12-20-11	12-20-11	
Chromium	**45**	0.58	6010B	12-20-11	12-20-11	
Lead	**ND**	5.8	6010B	12-20-11	12-20-11	
Mercury	**ND**	0.29	7471A	12-20-11	12-20-11	
Selenium	**ND**	12	6010B	12-20-11	12-20-11	
Silver	**ND**	0.58	6010B	12-20-11	12-20-11	
Lab ID:	12-110-05					
Client ID:	**DP-DUPE-1**					
Arsenic	**ND**	11	6010B	12-20-11	12-20-11	
Barium	**56**	2.8	6010B	12-20-11	12-20-11	
Cadmium	**ND**	0.56	6010B	12-20-11	12-20-11	
Chromium	**33**	0.56	6010B	12-20-11	12-20-11	
Lead	**ND**	5.6	6010B	12-20-11	12-20-11	
Mercury	**ND**	0.28	7471A	12-20-11	12-20-11	
Selenium	**ND**	11	6010B	12-20-11	12-20-11	
Silver	**ND**	0.56	6010B	12-20-11	12-20-11	

Date of Report: December 27, 2011
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NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1219S1					
Gasoline	**ND**	5.0	NWTPH-Gx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***94***	***68-124***				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	12-111-02								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					***98***	***92***	***68-124***		

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Project: 0180-292-00

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:	MB1219S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***120***	***50-150***				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	12-110-01							
	ORIG	DUP						
Diesel Range Organics	**ND**	**ND**				NA	NA	
Lube Oil Range Organics	**ND**	**ND**				NA	NA	
Surrogate:								
o-Terphenyl			***109***	***114***	***50-150***			

Date of Report: December 27, 2011
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Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloromethane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromomethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloroethane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Acetone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Iodomethane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-19-11	12-19-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-19-11	12-19-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Butanone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chloroform	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Benzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Trichloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Dibromomethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-19-11	12-19-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Toluene	ND	0.0050	EPA 8260	12-19-11	12-19-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-19-11	12-19-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Hexanone	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-19-11	12-19-11	
o-Xylene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Styrene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromoform	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Bromobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-19-11	12-19-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-19-11	12-19-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-19-11	12-19-11	
Naphthalene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***95***	***63-127***				
Toluene-d8	***99***	***65-129***				
4-Bromofluorobenzene	***99***	***55-121***				

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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1219S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0559**	**0.0550**	0.0500	0.0500	112	110	70-130	2	19	
Benzene	**0.0514**	**0.0506**	0.0500	0.0500	103	101	70-125	2	15	
Trichloroethene	**0.0471**	**0.0470**	0.0500	0.0500	94	94	70-122	0	14	
Toluene	**0.0493**	**0.0484**	0.0500	0.0500	99	97	73-120	2	16	
Chlorobenzene	**0.0455**	**0.0432**	0.0500	0.0500	91	86	74-109	5	12	
Surrogate:										
Dibromofluoromethane					***89***	***84***	***63-127***			
Toluene-d8					***91***	***92***	***65-129***			
4-Bromofluorobenzene					***87***	***88***	***55-121***			

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Project: 0180-292-00

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METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S2					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4-Chloroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
3-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	

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METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S2					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4-Nitrophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Carbazole	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzidine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Butylbenzylphthalate	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***85***	***30 - 97***				
Phenol-d6	***80***	***40 - 104***				
Nitrobenzene-d5	***74***	***35 - 102***				
2-Fluorobiphenyl	***92***	***44 - 97***				
2,4,6-Tribromophenol	***103***	***41 - 110***				
Terphenyl-d14	***79***	***53 - 107***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1219S2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.925**	**0.950**	1.33	1.33	70	71	31 - 111	3	34	
2-Chlorophenol	**1.04**	**1.06**	1.33	1.33	78	80	29 - 112	2	37	
1,4-Dichlorobenzene	**0.522**	**0.528**	0.667	0.667	78	79	24 - 100	1	37	
n-Nitroso-di-n-propylamine	**0.396**	**0.405**	0.667	0.667	59	61	35 - 104	2	32	
1,2,4-Trichlorobenzene	**0.685**	**0.713**	0.667	0.667	103	107	29 - 110	4	35	
4-Chloro-3-methylphenol	**1.13**	**1.19**	1.33	1.33	85	89	53 - 104	5	25	
Acenaphthene	**0.544**	**0.563**	0.667	0.667	82	84	50 - 95	3	23	
4-Nitrophenol	**1.22**	**1.30**	1.33	1.33	92	98	42 - 126	6	30	
2,4-Dinitrotoluene	**0.722**	**0.749**	0.667	0.667	108	112	53 - 115	4	31	
Pentachlorophenol	**0.939**	**1.03**	1.33	1.33	71	77	50 - 116	9	30	
Pyrene	**0.446**	**0.468**	0.667	0.667	67	70	57 - 120	5	27	
Surrogate:										
2-Fluorophenol					***83***	***82***	***30 - 97***			
Phenol-d6					***76***	***78***	***40 - 104***			
Nitrobenzene-d5					***72***	***74***	***35 - 102***			
2-Fluorobiphenyl					***91***	***91***	***44 - 97***			
2,4,6-Tribromophenol					***105***	***111***	***41 - 110***			
Terphenyl-d14					***78***	***82***	***53 - 107***			

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***75***	***43 - 109***				
Pyrene-d10	***85***	***38 - 128***				
Terphenyl-d14	***77***	***33 - 119***				

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-110-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0546**	**0.0593**	0.0833	0.0833	ND	66	71	39 - 110	8	21	
Acenaphthylene	**0.0530**	**0.0593**	0.0833	0.0833	ND	64	71	47 - 124	11	21	
Acenaphthene	**0.0489**	**0.0560**	0.0833	0.0833	ND	59	67	50 - 120	14	20	
Fluorene	**0.0487**	**0.0568**	0.0833	0.0833	ND	58	68	52 - 126	15	21	
Phenanthrene	**0.0478**	**0.0551**	0.0833	0.0833	ND	57	66	41 - 130	14	22	
Anthracene	**0.0473**	**0.0554**	0.0833	0.0833	ND	57	67	48 - 124	16	23	
Fluoranthene	**0.0495**	**0.0581**	0.0833	0.0833	ND	59	70	40 - 137	16	23	
Pyrene	**0.0487**	**0.0579**	0.0833	0.0833	ND	58	70	36 - 139	17	23	
Benzo[a]anthracene	**0.0496**	**0.0593**	0.0833	0.0833	ND	60	71	43 - 127	18	21	
Chrysene	**0.0476**	**0.0570**	0.0833	0.0833	ND	57	68	41 - 133	18	19	
Benzo[b]fluoranthene	**0.0452**	**0.0555**	0.0833	0.0833	ND	54	67	40 - 132	20	25	
Benzo(j,k)fluoranthene	**0.0436**	**0.0526**	0.0833	0.0833	ND	52	63	35 - 132	19	25	
Benzo[a]pyrene	**0.0471**	**0.0563**	0.0833	0.0833	ND	57	68	37 - 131	18	26	
Indeno(1,2,3-c,d)pyrene	**0.0444**	**0.0541**	0.0833	0.0833	ND	53	65	39 - 134	20	23	
Dibenz[a,h]anthracene	**0.0457**	**0.0553**	0.0833	0.0833	ND	55	66	40 - 137	19	21	
Benzo[g,h,i]perylene	**0.0456**	**0.0550**	0.0833	0.0833	ND	55	66	35 - 135	19	22	
Surrogate:											
2-Fluorobiphenyl						***54***	***60***	***43 - 109***			
Pyrene-d10						***56***	***67***	***38 - 128***			
Terphenyl-d14						***53***	***63***	***33 - 119***			

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1221S1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-21-11	12-21-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***88***	***42-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-110-05										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.237**	**0.281**	0.500	0.500	ND	**47**	**56**	44-125	17	20	
Surrogate:											
DCB						***47***	***53***	***42-123***			

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL

Date Extracted:	12-20-11
Date Analyzed:	12-20-11
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB1220SM1&MB1220S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**ND**	2.5
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.50

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-20-11
Date Analyzed: 12-20-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-110-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**52.1**	**53.9**	4	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**34.4**	**31.0**	10	0.50	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
MS/MSD QUALITY CONTROL

Date Extracted: 12-20-11
Date Analyzed: 12-20-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-110-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**88.6**	89	**87.2**	87	2	
Barium	100	**149**	97	**149**	97	0	
Cadmium	50.0	**46.7**	93	**46.0**	92	1	
Chromium	100	**127**	93	**123**	89	3	
Lead	250	**227**	91	**225**	90	1	
Mercury	0.500	**0.492**	98	**0.492**	98	0	
Selenium	100	**92.3**	92	**91.3**	91	1	
Silver	25.0	**20.4**	82	**20.1**	80	2	

Date of Report: December 27, 2011
Samples Submitted: December 15, 2011
Laboratory Reference: 1112-110
Project: 0180-292-00

% MOISTURE

Date Analyzed: 12-16-11

Client ID	Lab ID	% Moisture
DP-10-13-15	12-110-01	11
DP-11-0-2	12-110-02	14
DP-11-2-3.5	12-110-03	14
DP-DUPE-1	12-110-05	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

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

Company: GeoEngineers
Project Number: 0180-292-00
Project Name: WSDOT Midway Metals
Project Manager: Aaron Waggoner
Sampled by:

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: 12-110

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	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 Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	Hold				% Moisture
1	DP-10-13-15	12/14/11	1400	Soil	5			X	X	X			X	X				X								X
2	DP-11-0-2		1600					X	X	X		X		X				X								↓
3	DP-11-2-3.5		1610					X	X	X			X	X				X								↓
4	DP-11-6-8		1630																			X				
5	DP-DUPE-1	↓	0800	↓	↓			X	X	X			X	X				X								X

	Signature	Company	Date	Time
Relinquished		GeoEngineers	12/15/11	1120
Received		Speedy Msngr	12-15-11	1120
Relinquished		" "	"	1414
Received		OSE	12/15/11	1414
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

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

February 16, 2012

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1202-085

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2012.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

Case Narrative

Samples were collected on February 8 and 9, 2012 and received by the laboratory on February 9, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx and 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.

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

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
DP12-0.0-2.0	02-085-01	Soil	2-8-12	2-9-12	
DP13-0.0-1.5	02-085-02	Soil	2-8-12	2-9-12	
DP14-0.0-2.0	02-085-03	Soil	2-8-12	2-9-12	
DP15-0.0-2.0	02-085-04	Soil	2-8-12	2-9-12	
DP16-0.0-2.0	02-085-05	Soil	2-8-12	2-9-12	
DP17-0.0-2.0	02-085-06	Soil	2-8-12	2-9-12	
DP18-0.0-2.0	02-085-07	Soil	2-8-12	2-9-12	
DP19-0.0-2.0	02-085-08	Soil	2-8-12	2-9-12	
DP20-0.0-2.0	02-085-09	Soil	2-8-12	2-9-12	
DP21-0.0-2.0	02-085-10	Soil	2-8-12	2-9-12	
DP12-5.0-7.5	02-085-12	Soil	2-8-12	2-9-12	
DP15-5.0-7.0	02-085-19	Soil	2-8-12	2-9-12	
DP21-2.0-3.0	02-085-27	Soil	2-8-12	2-9-12	
HA1-0.0-2.0	02-085-28	Soil	2-9-12	2-9-12	
HA2-0.0-2.0	02-085-29	Soil	2-9-12	2-9-12	
HA3-0.0-2.0	02-085-30	Soil	2-9-12	2-9-12	
HA4-0.0-2.0	02-085-31	Soil	2-9-12	2-9-12	
SED9	02-085-32	Soil	2-9-12	2-9-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
Diesel Range Organics	**ND**	28	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil	**130**	55	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***102***	***50-150***				
Client ID:	**DP13-0.0-1.5**					
Laboratory ID:	02-085-02					
Diesel Range Organics	**ND**	31	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	63	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***101***	***50-150***				
Client ID:	**DP14-0.0-2.0**					
Laboratory ID:	02-085-03					
Diesel Range Organics	**ND**	28	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***99***	***50-150***				
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
Diesel Range Organics	**ND**	30	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***92***	***50-150***				
Client ID:	**DP16-0.0-2.0**					
Laboratory ID:	02-085-05					
Diesel Range Organics	**ND**	29	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***105***	***50-150***				
Client ID:	**DP17-0.0-2.0**					
Laboratory ID:	02-085-06					
Diesel Range Organics	**ND**	29	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***99***	***50-150***				

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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:	**DP21-0.0-2.0**					
Laboratory ID:	02-085-10					
Diesel Fuel #2	**100**	29	NWTPH-Dx	2-10-12	2-10-12	N
Lube Oil	**470**	59	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***106***	***50-150***				
Client ID:	**DP12-5.0-7.5**					
Laboratory ID:	02-085-12					
Diesel Range Organics	**ND**	30	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***104***	***50-150***				
Client ID:	**DP15-5.0-7.0**					
Laboratory ID:	02-085-19					
Diesel Range Organics	**ND**	32	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	65	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***97***	***50-150***				
Client ID:	**DP21-2.0-3.0**					
Laboratory ID:	02-085-27					
Diesel Range Organics	**ND**	32	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	63	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***100***	***50-150***				
Client ID:	**HA1-0.0-2.0**					
Laboratory ID:	02-085-28					
Diesel Range Organics	**ND**	31	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	62	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***102***	***50-150***				
Client ID:	**HA2-0.0-2.0**					
Laboratory ID:	02-085-29					
Diesel Range Organics	**ND**	34	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	67	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***95***	***50-150***				

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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:	**HA3-0.0-2.0**					
Laboratory ID:	02-085-30					
Diesel Range Organics	**ND**	110	NWTPH-Dx	2-10-12	2-10-12	U1
Lube Oil	**660**	60	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***99***	***50-150***				
Client ID:	**SED9**					
Laboratory ID:	02-085-32					
Diesel Range Organics	**ND**	130	NWTPH-Dx	2-10-12	2-10-12	U1
Lube Oil	**1000**	130	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***97***	***50-150***				

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NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
Gasoline	**ND**	5.3	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-124***				
Client ID:	**DP13-0.0-1.5**					
Laboratory ID:	02-085-02					
Gasoline	**ND**	6.1	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***101***	***68-124***				
Client ID:	**DP14-0.0-2.0**					
Laboratory ID:	02-085-03					
Gasoline	**ND**	5.7	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-124***				
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
Gasoline	**ND**	7.2	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***87***	***68-124***				
Client ID:	**DP16-0.0-2.0**					
Laboratory ID:	02-085-05					
Gasoline	**ND**	5.0	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***95***	***68-124***				
Client ID:	**DP17-0.0-2.0**					
Laboratory ID:	02-085-06					
Gasoline	**ND**	5.2	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***97***	***68-124***				

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NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP18-0.0-2.0**					
Laboratory ID:	02-085-07					
Gasoline	**ND**	5.4	NWTPH-Gx	2-13-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***95***	***68-124***				
Client ID:	**DP19-0.0-2.0**					
Laboratory ID:	02-085-08					
Gasoline	**ND**	5.0	NWTPH-Gx	2-13-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-124***				
Client ID:	**DP20-0.0-2.0**					
Laboratory ID:	02-085-09					
Gasoline	**ND**	5.5	NWTPH-Gx	2-13-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***94***	***68-124***				
Client ID:	**DP12-5.0-7.5**					
Laboratory ID:	02-085-12					
Gasoline	**ND**	4.9	NWTPH-Gx	2-13-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***88***	***68-124***				
Client ID:	**DP15-5.0-7.0**					
Laboratory ID:	02-085-19					
Gasoline	**ND**	6.6	NWTPH-Gx	2-13-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***108***	***68-124***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
Dichlorodifluoromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0041	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0041	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0041	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
1,1,2-Trichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0017	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***112***	***63-127***				
Toluene-d8	***107***	***65-129***				
4-Bromofluorobenzene	***83***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP13-0.0-1.5**					
Laboratory ID:	02-085-02					
Dichlorodifluoromethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0048	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0048	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Acetone	0.023	0.0048	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0048	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0048	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0048	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0048	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0048	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP13-0.0-1.5**					
Laboratory ID:	02-085-02					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0048	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0019	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00097	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.063	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.063	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.31	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.31	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.063	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.063	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***110***	***63-127***				
Toluene-d8	***108***	***65-129***				
4-Bromofluorobenzene	***80***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP14-0.0-2.0**					
Laboratory ID:	02-085-03					
Dichlorodifluoromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0041	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0041	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0041	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP14-0.0-2.0**					
Laboratory ID:	02-085-03					
1,1,2-Trichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0017	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0041	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***113***	***63-127***				
Toluene-d8	***112***	***65-129***				
4-Bromofluorobenzene	***89***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Acetone	0.10	0.0054	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0054	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0054	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0054	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0021	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.055	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.055	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.27	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.27	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.055	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.055	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***108***	***63-127***				
Toluene-d8	***105***	***65-129***				
4-Bromofluorobenzene	***75***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP16-0.0-2.0**					
Laboratory ID:	02-085-05					
Dichlorodifluoromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0044	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0044	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0044	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP16-0.0-2.0**					
Laboratory ID:	02-085-05					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0018	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***108***	***63-127***				
Toluene-d8	***106***	***65-129***				
4-Bromofluorobenzene	***89***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP17-0.0-2.0**					
Laboratory ID:	02-085-06					
Dichlorodifluoromethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0047	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0047	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0047	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP17-0.0-2.0**					
Laboratory ID:	02-085-06					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0019	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0047	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***111***	***63-127***				
Toluene-d8	***110***	***65-129***				
4-Bromofluorobenzene	***89***	***55-121***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP18-0.0-2.0**					
Laboratory ID:	02-085-07					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Chloromethane	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Vinyl Chloride	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Bromomethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Chloroethane	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Trichlorofluoromethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,1-Dichloroethene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Acetone	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Iodomethane	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Carbon Disulfide	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Methylene Chloride	ND	0.0053	EPA 8260	2-14-12	2-14-12	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,1-Dichloroethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Vinyl Acetate	ND	0.0053	EPA 8260	2-14-12	2-14-12	
2,2-Dichloropropane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
2-Butanone	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Bromochloromethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Chloroform	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Carbon Tetrachloride	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,1-Dichloropropene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Benzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2-Dichloroethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Trichloroethene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2-Dichloropropane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Dibromomethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Bromodichloromethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260	2-14-12	2-14-12	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Toluene	ND	0.0053	EPA 8260	2-14-12	2-14-12	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	2-14-12	2-14-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP18-0.0-2.0**					
Laboratory ID:	02-085-07					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Tetrachloroethene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,3-Dichloropropane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
2-Hexanone	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Dibromochloromethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2-Dibromoethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Chlorobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Ethylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
m,p-Xylene	ND	0.0021	EPA 8260	2-14-12	2-14-12	
o-Xylene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Styrene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Bromoform	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Isopropylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Bromobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	2-14-12	2-14-12	
n-Propylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
2-Chlorotoluene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
4-Chlorotoluene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
tert-Butylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
sec-Butylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
p-Isopropyltoluene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
n-Butylbenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260	2-14-12	2-14-12	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Hexachlorobutadiene	ND	0.0053	EPA 8260	2-14-12	2-14-12	
Naphthalene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***109***	***63-127***				
Toluene-d8	***108***	***65-129***				
4-Bromofluorobenzene	***87***	***55-121***				

Date of Report: February 16, 2012
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Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP19-0.0-2.0**					
Laboratory ID:	02-085-08					
Dichlorodifluoromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	0.0026	0.00088	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0044	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0044	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	0.0066	0.0044	EPA 8260	2-13-12	2-13-12	
Toluene	0.0066	0.0044	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260	2-13-12	2-13-12	

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Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP19-0.0-2.0**					
Laboratory ID:	02-085-08					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	0.0035	0.00088	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	0.021	0.0018	EPA 8260	2-13-12	2-13-12	
o-Xylene	0.013	0.00088	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	0.0025	0.00088	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	0.013	0.00088	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	0.021	0.00088	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	0.0016	0.00088	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0044	EPA 8260	2-13-12	2-13-12	
Naphthalene	0.0020	0.00088	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***115***	***63-127***				
Toluene-d8	***109***	***65-129***				
4-Bromofluorobenzene	***89***	***55-121***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
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Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP20-0.0-2.0**					
Laboratory ID:	02-085-09					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	0.0016	0.0010	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0051	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0051	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0051	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP20-0.0-2.0**					
Laboratory ID:	02-085-09					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0020	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0051	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***108***	***63-127***				
Toluene-d8	***108***	***65-129***				
4-Bromofluorobenzene	***87***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-5.0-7.5**					
Laboratory ID:	02-085-12					
Dichlorodifluoromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Acetone	0.013	0.0042	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0042	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0042	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0042	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0042	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.00083	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-5.0-7.5**					
Laboratory ID:	02-085-12					
1,1,2-Trichloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0017	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.00083	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0042	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0042	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.00083	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***105***	***63-127***				
Toluene-d8	***105***	***65-129***				
4-Bromofluorobenzene	***89***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-5.0-7.0**					
Laboratory ID:	02-085-19					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0054	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0054	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0054	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-5.0-7.0**					
Laboratory ID:	02-085-19					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0021	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0054	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***110***	***63-127***				
Toluene-d8	***113***	***65-129***				
4-Bromofluorobenzene	***90***	***55-121***				

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Samples Submitted: February 9, 2012
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Project: 0180-292-00

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Pyridine	**ND**	0.37	EPA 8270	2-15-12	2-15-12	
Phenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Aniline	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2-Chlorophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Benzyl alcohol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Hexachloroethane	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Nitrobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Isophorone	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2-Nitrophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,4-Dimethylphenol	**ND**	0.37	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Naphthalene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
4-Chloroaniline	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Hexachlorobutadiene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2-Chloronaphthalene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2-Nitroaniline	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Dimethylphthalate	**0.12**	0.037	EPA 8270	2-15-12	2-15-12	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Acenaphthylene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
3-Nitroaniline	**ND**	0.037	EPA 8270	2-15-12	2-15-12	

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Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270	2-15-12	2-15-12	
Acenaphthene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
4-Nitrophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,4-Dinitrotoluene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Dibenzofuran	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,3,5,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
2,3,4,6-Tetrachlorophenol	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Diethylphthalate	**ND**	0.18	EPA 8270	2-15-12	2-15-12	
4-Chlorophenyl-phenylether	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
4-Nitroaniline	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Fluorene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270	2-15-12	2-15-12	
n-Nitrosodiphenylamine	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
1,2-Diphenylhydrazine	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
4-Bromophenyl-phenylether	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Hexachlorobenzene	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Pentachlorophenol	**ND**	0.18	EPA 8270	2-15-12	2-15-12	
Phenanthrene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Anthracene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Carbazole	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Di-n-butylphthalate	**ND**	0.37	EPA 8270	2-15-12	2-15-12	
Fluoranthene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Benzidine	**ND**	0.37	EPA 8270	2-15-12	2-15-12	
Pyrene	**0.011**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Butylbenzylphthalate	**ND**	0.37	EPA 8270	2-15-12	2-15-12	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270	2-15-12	2-15-12	
3,3'-Dichlorobenzidine	**ND**	0.37	EPA 8270	2-15-12	2-15-12	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Chrysene	**0.0096**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
bis(2-Ethylhexyl)phthalate	**0.23**	0.18	EPA 8270	2-15-12	2-15-12	
Di-n-octylphthalate	**ND**	0.037	EPA 8270	2-15-12	2-15-12	
Benzo[b]fluoranthene	**0.011**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Benzo[a]pyrene	**0.021**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Indeno[1,2,3-cd]pyrene	**0.010**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270/SIM	2-15-12	2-15-12	
Benzo[g,h,i]perylene	**0.046**	0.037	EPA 8270	2-15-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***56***	***30 - 97***				
Phenol-d6	***68***	***40 - 104***				
Nitrobenzene-d5	***63***	***35 - 102***				
2-Fluorobiphenyl	***81***	***44 - 97***				
2,4,6-Tribromophenol	***96***	***41 - 110***				
Terphenyl-d14	***82***	***53 - 107***				

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Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
n-Nitrosodimethylamine	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Pyridine	**ND**	0.40	EPA 8270	2-15-12	2-15-12	
Phenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Aniline	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2-Chlorophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Benzyl alcohol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
n-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Hexachloroethane	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Nitrobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Isophorone	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2-Nitrophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,4-Dimethylphenol	**ND**	0.40	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Naphthalene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
4-Chloroaniline	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Hexachlorobutadiene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2-Chloronaphthalene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2-Nitroaniline	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Dimethylphthalate	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
3-Nitroaniline	**ND**	0.040	EPA 8270	2-15-12	2-15-12	

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Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
2,4-Dinitrophenol	**ND**	0.20	EPA 8270	2-15-12	2-15-12	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
4-Nitrophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Dibenzofuran	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Diethylphthalate	**ND**	0.20	EPA 8270	2-15-12	2-15-12	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
4-Nitroaniline	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Fluorene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
4,6-Dinitro-2-methylphenol	**ND**	0.20	EPA 8270	2-15-12	2-15-12	
n-Nitrosodiphenylamine	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Hexachlorobenzene	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Pentachlorophenol	**ND**	0.20	EPA 8270	2-15-12	2-15-12	
Phenanthrene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Anthracene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Carbazole	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Di-n-butylphthalate	**ND**	0.40	EPA 8270	2-15-12	2-15-12	
Fluoranthene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Benzidine	**ND**	0.40	EPA 8270	2-15-12	2-15-12	
Pyrene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Butylbenzylphthalate	**ND**	0.40	EPA 8270	2-15-12	2-15-12	
bis-2-Ethylhexyladipate	**ND**	0.20	EPA 8270	2-15-12	2-15-12	
3,3'-Dichlorobenzidine	**ND**	0.40	EPA 8270	2-15-12	2-15-12	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Chrysene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
bis(2-Ethylhexyl)phthalate	**ND**	0.20	EPA 8270	2-15-12	2-15-12	
Di-n-octylphthalate	**ND**	0.040	EPA 8270	2-15-12	2-15-12	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Indeno[1,2,3-cd]pyrene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270/SIM	2-15-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***55***	***30 - 97***				
Phenol-d6	***65***	***40 - 104***				
Nitrobenzene-d5	***60***	***35 - 102***				
2-Fluorobiphenyl	***74***	***44 - 97***				
2,4,6-Tribromophenol	***81***	***41 - 110***				
Terphenyl-d14	***72***	***53 - 107***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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:	**DP13-0.0-1.5**					
Laboratory ID:	02-085-02					
Naphthalene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**0.011**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**0.017**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**0.016**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0084	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***71***	***43 - 109***				
Pyrene-d10	***73***	***38 - 128***				
Terphenyl-d14	***68***	***33 - 119***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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:	**DP14-0.0-2.0**					
Laboratory ID:	02-085-03					
Naphthalene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***71***	***43 - 109***				
Pyrene-d10	***85***	***38 - 128***				
Terphenyl-d14	***80***	***33 - 119***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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:	**DP16-0.0-2.0**					
Laboratory ID:	02-085-05					
Naphthalene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***69***	***43 - 109***				
Pyrene-d10	***73***	***38 - 128***				
Terphenyl-d14	***70***	***33 - 119***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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:	**DP17-0.0-2.0**					
Laboratory ID:	02-085-06					
Naphthalene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***63***	***43 - 109***				
Pyrene-d10	***65***	***38 - 128***				
Terphenyl-d14	***60***	***33 - 119***				

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Laboratory Reference: 1202-085
Project: 0180-292-00

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:	**DP12-5.0-7.5**					
Laboratory ID:	02-085-12					
Naphthalene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0079	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***77***	***43 - 109***				
Pyrene-d10	***80***	***38 - 128***				
Terphenyl-d14	***77***	***33 - 119***				

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Project: 0180-292-00

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:	**DP15-5.0-7.0**					
Laboratory ID:	02-085-19					
Naphthalene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0086	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***58***	***43 - 109***				
Pyrene-d10	***67***	***38 - 128***				
Terphenyl-d14	***61***	***33 - 119***				

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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:	**SED9**					
Laboratory ID:	02-085-32					
Naphthalene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**0.017**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.017	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***54***	***43 - 109***				
Pyrene-d10	***67***	***38 - 128***				
Terphenyl-d14	***58***	***33 - 119***				

Date of Report: February 16, 2012
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Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-0.0-2.0**					
Laboratory ID:	02-085-01					
Aroclor 1016	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.055	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***86***	***42-123***				
Client ID:	**DP13-0.0-1.5**					
Laboratory ID:	02-085-02					
Aroclor 1016	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.063	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***86***	***42-123***				
Client ID:	**DP14-0.0-2.0**					
Laboratory ID:	02-085-03					
Aroclor 1016	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.056	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***84***	***42-123***				

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PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-0.0-2.0**					
Laboratory ID:	02-085-04					
Aroclor 1016	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***89***	***42-123***				
Client ID:	**DP16-0.0-2.0**					
Laboratory ID:	02-085-05					
Aroclor 1016	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***91***	***42-123***				
Client ID:	**DP17-0.0-2.0**					
Laboratory ID:	02-085-06					
Aroclor 1016	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.058	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***78***	***42-123***				

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PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-5.0-7.5**					
Laboratory ID:	02-085-12					
Aroclor 1016	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.059	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***79***	***42-123***				
Client ID:	**DP15-5.0-7.0**					
Laboratory ID:	02-085-19					
Aroclor 1016	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.065	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***74***	***42-123***				

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-01					
Client ID:	**DP12-0.0-2.0**					
Arsenic	**ND**	11	6010B	2-14-12	2-14-12	
Barium	**75**	2.8	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.55	6010B	2-14-12	2-14-12	
Chromium	**34**	0.55	6010B	2-14-12	2-14-12	
Lead	**19**	5.5	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.28	7471A	2-14-12	2-14-12	
Selenium	**ND**	11	6010B	2-14-12	2-14-12	
Silver	**ND**	0.55	6010B	2-14-12	2-14-12	
Lab ID:	02-085-02					
Client ID:	**DP13-0.0-1.5**					
Arsenic	**ND**	13	6010B	2-14-12	2-14-12	
Barium	**97**	3.1	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.63	6010B	2-14-12	2-14-12	
Chromium	**37**	0.63	6010B	2-14-12	2-14-12	
Lead	**ND**	6.3	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.31	7471A	2-14-12	2-14-12	
Selenium	**ND**	13	6010B	2-14-12	2-14-12	
Silver	**ND**	0.63	6010B	2-14-12	2-14-12	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-03					
Client ID:	**DP14-0.0-2.0**					
Arsenic	**ND**	11	6010B	2-14-12	2-14-12	
Barium	**43**	2.8	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.56	6010B	2-14-12	2-14-12	
Chromium	**31**	0.56	6010B	2-14-12	2-14-12	
Lead	**ND**	5.6	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.28	7471A	2-14-12	2-14-12	
Selenium	**ND**	11	6010B	2-14-12	2-14-12	
Silver	**ND**	0.56	6010B	2-14-12	2-14-12	
Lab ID:	02-085-04					
Client ID:	**DP15-0.0-2.0**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**110**	3.0	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.59	6010B	2-14-12	2-14-12	
Chromium	**25**	0.59	6010B	2-14-12	2-14-12	
Lead	**ND**	5.9	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.30	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.59	6010B	2-14-12	2-14-12	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-05					
Client ID:	**DP16-0.0-2.0**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**45**	2.9	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.58	6010B	2-14-12	2-14-12	
Chromium	**28**	0.58	6010B	2-14-12	2-14-12	
Lead	**ND**	5.8	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.29	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.58	6010B	2-14-12	2-14-12	
Lab ID:	02-085-06					
Client ID:	**DP17-0.0-2.0**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**55**	2.9	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.58	6010B	2-14-12	2-14-12	
Chromium	**31**	0.58	6010B	2-14-12	2-14-12	
Lead	**ND**	5.8	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.29	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.58	6010B	2-14-12	2-14-12	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-10					
Client ID:	**DP21-0.0-2.0**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**81**	2.9	6010B	2-14-12	2-14-12	
Cadmium	**0.83**	0.58	6010B	2-14-12	2-14-12	
Chromium	**45**	0.58	6010B	2-14-12	2-14-12	
Lead	**48**	5.8	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.29	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.58	6010B	2-14-12	2-14-12	
Lab ID:	02-085-12					
Client ID:	**DP12-5.0-7.5**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**29**	3.0	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.59	6010B	2-14-12	2-14-12	
Chromium	**35**	0.59	6010B	2-14-12	2-14-12	
Lead	**ND**	5.9	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.30	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.59	6010B	2-14-12	2-14-12	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-19					
Client ID:	**DP15-5.0-7.0**					
Arsenic	**ND**	13	6010B	2-14-12	2-14-12	
Barium	**62**	3.2	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.65	6010B	2-14-12	2-14-12	
Chromium	**26**	0.65	6010B	2-14-12	2-14-12	
Lead	**ND**	6.5	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.32	7471A	2-14-12	2-14-12	
Selenium	**ND**	13	6010B	2-14-12	2-14-12	
Silver	**ND**	0.65	6010B	2-14-12	2-14-12	
Lab ID:	02-085-27					
Client ID:	**DP21-2.0-3.0**					
Arsenic	**ND**	13	6010B	2-14-12	2-14-12	
Barium	**86**	3.2	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.63	6010B	2-14-12	2-14-12	
Chromium	**44**	0.63	6010B	2-14-12	2-14-12	
Lead	**ND**	6.3	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.32	7471A	2-14-12	2-14-12	
Selenium	**ND**	13	6010B	2-14-12	2-14-12	
Silver	**ND**	0.63	6010B	2-14-12	2-14-12	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-28					
Client ID:	**HA1-0.0-2.0**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**120**	3.1	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.62	6010B	2-14-12	2-14-12	
Chromium	**33**	0.62	6010B	2-14-12	2-14-12	
Lead	**ND**	6.2	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.31	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.62	6010B	2-14-12	2-14-12	
Lab ID:	02-085-29					
Client ID:	**HA2-0.0-2.0**					
Arsenic	**ND**	13	6010B	2-14-12	2-14-12	
Barium	**93**	3.4	6010B	2-14-12	2-14-12	
Cadmium	**ND**	0.67	6010B	2-14-12	2-14-12	
Chromium	**37**	0.67	6010B	2-14-12	2-14-12	
Lead	**9.6**	6.7	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.34	7471A	2-14-12	2-14-12	
Selenium	**ND**	13	6010B	2-14-12	2-14-12	
Silver	**ND**	0.67	6010B	2-14-12	2-14-12	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-30					
Client ID:	**HA3-0.0-2.0**					
Arsenic	**ND**	12	6010B	2-14-12	2-14-12	
Barium	**91**	3.0	6010B	2-14-12	2-14-12	
Cadmium	**2.7**	0.60	6010B	2-14-12	2-14-12	
Chromium	**58**	0.60	6010B	2-14-12	2-14-12	
Lead	**150**	6.0	6010B	2-14-12	2-14-12	
Mercury	**ND**	0.30	7471A	2-14-12	2-14-12	
Selenium	**ND**	12	6010B	2-14-12	2-14-12	
Silver	**ND**	0.60	6010B	2-14-12	2-14-12	

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SOLUBLE HEXAVALENT CHROMIUM
WATER EXTRACTION
EPA 7196A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-085-31					
Client ID:	**HA4-0.0-2.0**					
Hexavalent Chromium	**ND**	1.3	7196A mod	2-15-12	2-15-12	

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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:	MB0210S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***114***	***50-150***				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	02-085-01						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil	**114**	**90.4**			23	NA	
Surrogate:							
o-Terphenyl			***102*** ***104***	***50-150***			
Laboratory ID:	02-085-05						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			***105*** ***98***	***50-150***			

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NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0213S1					
Gasoline	**ND**	5.0	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***93***	***68-124***				
Laboratory ID:	MB0213S2					
Gasoline	**ND**	5.0	NWTPH-Gx	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***93***	***68-124***				

Analyte	Result		Spike Level	Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	02-085-01									
	ORIG	DUP								
Gasoline	**ND**	**ND**	NA	NA	NA		NA	NA	30	
Surrogate:										
Fluorobenzene					***90***	***87***	***68-124***			
Laboratory ID:	02-085-02									
	ORIG	DUP								
Gasoline	**ND**	**ND**	NA	NA	NA		NA	NA	30	
Surrogate:										
Fluorobenzene					***101***	***99***	***68-124***			

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0213S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chloromethane	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Vinyl Chloride	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromomethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chloroethane	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Acetone	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Iodomethane	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Carbon Disulfide	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Methylene Chloride	ND	0.0050	EPA 8260	2-13-12	2-13-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Vinyl Acetate	ND	0.0050	EPA 8260	2-13-12	2-13-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Butanone	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Bromochloromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chloroform	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Benzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Trichloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Dibromomethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromodichloromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	2-13-12	2-13-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Toluene	ND	0.0050	EPA 8260	2-13-12	2-13-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	2-13-12	2-13-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0213S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Tetrachloroethene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Hexanone	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Dibromochloromethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Chlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Ethylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
m,p-Xylene	ND	0.0020	EPA 8260	2-13-12	2-13-12	
o-Xylene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Styrene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromoform	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Isopropylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Bromobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	2-13-12	2-13-12	
n-Propylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
n-Butylbenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	2-13-12	2-13-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	2-13-12	2-13-12	
Naphthalene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***114***	***63-127***				
Toluene-d8	***110***	***65-129***				
4-Bromofluorobenzene	***93***	***55-121***				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0214S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Chloromethane	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Vinyl Chloride	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Bromomethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Chloroethane	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Acetone	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Iodomethane	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Carbon Disulfide	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Methylene Chloride	ND	0.0050	EPA 8260	2-14-12	2-14-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Vinyl Acetate	ND	0.0050	EPA 8260	2-14-12	2-14-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
2-Butanone	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Bromochloromethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Chloroform	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Benzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Trichloroethene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Dibromomethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Bromodichloromethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	2-14-12	2-14-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Toluene	ND	0.0050	EPA 8260	2-14-12	2-14-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	2-14-12	2-14-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0214S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Tetrachloroethene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
2-Hexanone	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Dibromochloromethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Chlorobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Ethylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
m,p-Xylene	ND	0.0020	EPA 8260	2-14-12	2-14-12	
o-Xylene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Styrene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Bromoform	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Isopropylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Bromobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	2-14-12	2-14-12	
n-Propylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
n-Butylbenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	2-14-12	2-14-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	2-14-12	2-14-12	
Naphthalene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***112***	***63-127***				
Toluene-d8	***109***	***65-129***				
4-Bromofluorobenzene	***91***	***55-121***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
Laboratory ID:	SB0213S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0603**	**0.0593**	0.0500	0.0500	121	119	70-130	2	19	
Benzene	**0.0542**	**0.0554**	0.0500	0.0500	108	111	70-125	2	15	
Trichloroethene	**0.0494**	**0.0482**	0.0500	0.0500	99	96	70-122	2	14	
Toluene	**0.0512**	**0.0502**	0.0500	0.0500	102	100	73-120	2	16	
Chlorobenzene	**0.0500**	**0.0489**	0.0500	0.0500	100	98	74-109	2	12	
Surrogate:										
Dibromofluoromethane					***100***	***101***	***63-127***			
Toluene-d8					***96***	***96***	***65-129***			
4-Bromofluorobenzene					***82***	***81***	***55-121***			
Laboratory ID:	SB0214S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0571**	**0.0582**	0.0500	0.0500	114	116	70-130	2	19	
Benzene	**0.0537**	**0.0534**	0.0500	0.0500	107	107	70-125	1	15	
Trichloroethene	**0.0498**	**0.0499**	0.0500	0.0500	100	100	70-122	0	14	
Toluene	**0.0503**	**0.0508**	0.0500	0.0500	101	102	73-120	1	16	
Chlorobenzene	**0.0497**	**0.0491**	0.0500	0.0500	99	98	74-109	1	12	
Surrogate:										
Dibromofluoromethane					***100***	***103***	***63-127***			
Toluene-d8					***97***	***100***	***65-129***			
4-Bromofluorobenzene					***80***	***85***	***55-121***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Pyridine	**ND**	0.33	EPA 8270	2-15-12	2-15-12	
Phenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Aniline	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2-Chlorophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Benzyl alcohol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Hexachloroethane	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Nitrobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Isophorone	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2-Nitrophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,4-Dimethylphenol	**ND**	0.33	EPA 8270	2-15-12	2-15-12	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
4-Chloroaniline	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2-Nitroaniline	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Dimethylphthalate	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
3-Nitroaniline	**ND**	0.033	EPA 8270	2-15-12	2-15-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215S1					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	2-15-12	2-15-12	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
4-Nitrophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Dibenzofuran	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Diethylphthalate	**ND**	0.17	EPA 8270	2-15-12	2-15-12	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
4-Nitroaniline	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Fluorene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	2-15-12	2-15-12	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Hexachlorobenzene	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Pentachlorophenol	**ND**	0.17	EPA 8270	2-15-12	2-15-12	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Anthracene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Carbazole	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Di-n-butylphthalate	**ND**	0.33	EPA 8270	2-15-12	2-15-12	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Benzidine	**ND**	0.33	EPA 8270	2-15-12	2-15-12	
Pyrene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Butylbenzylphthalate	**ND**	0.33	EPA 8270	2-15-12	2-15-12	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270	2-15-12	2-15-12	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	2-15-12	2-15-12	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Chrysene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270	2-15-12	2-15-12	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	2-15-12	2-15-12	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	2-15-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***58***	***30 - 97***				
Phenol-d6	***66***	***40 - 104***				
Nitrobenzene-d5	***61***	***35 - 102***				
2-Fluorobiphenyl	***70***	***44 - 97***				
2,4,6-Tribromophenol	***88***	***41 - 110***				
Terphenyl-d14	***82***	***53 - 107***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0215S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.985**	**0.923**	1.33	1.33	74	69	31 - 111	6	34	
2-Chlorophenol	**1.08**	**1.05**	1.33	1.33	81	79	29 - 112	3	37	
1,4-Dichlorobenzene	**0.534**	**0.529**	0.667	0.667	80	79	24 - 100	1	37	
n-Nitroso-di-n-propylamine	**0.507**	**0.501**	0.667	0.667	76	75	35 - 104	1	32	
1,2,4-Trichlorobenzene	**0.553**	**0.544**	0.667	0.667	83	82	29 - 110	2	35	
4-Chloro-3-methylphenol	**1.18**	**1.21**	1.33	1.33	89	91	53 - 104	3	25	
Acenaphthene	**0.595**	**0.580**	0.667	0.667	89	87	50 - 95	3	23	
4-Nitrophenol	**1.44**	**1.52**	1.33	1.33	108	114	42 - 126	5	30	
2,4-Dinitrotoluene	**0.692**	**0.707**	0.667	0.667	104	106	53 - 115	2	31	
Pentachlorophenol	**1.37**	**1.41**	1.33	1.33	103	106	50 - 116	3	30	
Pyrene	**0.620**	**0.649**	0.667	0.667	93	97	57 - 120	5	27	
Surrogate:										
2-Fluorophenol					***65***	***62***	***30 - 97***			
Phenol-d6					***70***	***68***	***40 - 104***			
Nitrobenzene-d5					***65***	***65***	***35 - 102***			
2-Fluorobiphenyl					***73***	***72***	***44 - 97***			
2,4,6-Tribromophenol					***89***	***90***	***41 - 110***			
Terphenyl-d14					***79***	***83***	***53 - 107***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0214S2					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Fluorene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Anthracene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Pyrene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Chrysene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	2-14-12	2-14-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***85***	***43 - 109***				
Pyrene-d10	***93***	***38 - 128***				
Terphenyl-d14	***89***	***33 - 119***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0214S2									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0696**	**0.0706**	0.0833	0.0833	84	85	43 - 108	1	27	
Acenaphthylene	**0.0733**	**0.0754**	0.0833	0.0833	88	91	52 - 120	3	21	
Acenaphthene	**0.0690**	**0.0704**	0.0833	0.0833	83	85	59 - 113	2	17	
Fluorene	**0.0730**	**0.0763**	0.0833	0.0833	88	92	64 - 117	4	14	
Phenanthrene	**0.0709**	**0.0717**	0.0833	0.0833	85	86	67 - 112	1	12	
Anthracene	**0.0780**	**0.0809**	0.0833	0.0833	94	97	59 - 110	4	16	
Fluoranthene	**0.0776**	**0.0795**	0.0833	0.0833	93	95	68 - 120	2	15	
Pyrene	**0.0794**	**0.0807**	0.0833	0.0833	95	97	66 - 121	2	17	
Benzo[a]anthracene	**0.0689**	**0.0716**	0.0833	0.0833	83	86	63 - 114	4	12	
Chrysene	**0.0768**	**0.0788**	0.0833	0.0833	92	95	67 - 118	3	12	
Benzo[b]fluoranthene	**0.0778**	**0.0793**	0.0833	0.0833	93	95	58 - 127	2	20	
Benzo(j,k)fluoranthene	**0.0809**	**0.0845**	0.0833	0.0833	97	101	42 - 134	4	26	
Benzo[a]pyrene	**0.0609**	**0.0606**	0.0833	0.0833	73	73	55 - 111	0	19	
Indeno(1,2,3-c,d)pyrene	**0.0617**	**0.0616**	0.0833	0.0833	74	74	60 - 125	0	20	
Dibenz[a,h]anthracene	**0.0721**	**0.0744**	0.0833	0.0833	87	89	62 - 125	3	19	
Benzo[g,h,i]perylene	**0.0711**	**0.0732**	0.0833	0.0833	85	88	61 - 124	3	19	
Surrogate:										
2-Fluorobiphenyl					***74***	***82***	***43 - 109***			
Pyrene-d10					***85***	***85***	***38 - 128***			
Terphenyl-d14					***79***	***79***	***33 - 119***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0214S1					
Aroclor 1016	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Aroclor 1221	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Aroclor 1232	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Aroclor 1242	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Aroclor 1248	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Aroclor 1254	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Aroclor 1260	**ND**	0.050	EPA 8082	2-14-12	2-15-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***98***	***42-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-093-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.561**	**0.503**	0.500	0.500	ND	**112**	**101**	44-125	11	15	
Surrogate:											
DCB						***102***	***91***	***42-123***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

TOTAL METALS
EPA 6010B
METHOD BLANK QUALITY CONTROL

Date Extracted: 2-14-12
Date Analyzed: 2-14-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0214SM1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**ND**	2.5
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Lead	6010B	**ND**	5.0
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.50

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

TOTAL MERCURY
EPA 7471A
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-10-12
Date Analyzed:	2-10-12
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0210S2

Analyte	Method	Result	PQL
Mercury	7471A	**ND**	0.25

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

TOTAL METALS
EPA 6010B
DUPLICATE QUALITY CONTROL

Date Extracted: 2-14-12
Date Analyzed: 2-14-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-110-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**37.5**	**37.0**	1	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**13.8**	**16.1**	16	0.50	
Lead	**ND**	**ND**	NA	5.0	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

TOTAL MERCURY
EPA 7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 2-10-12
Date Analyzed: 2-10-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-085-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

TOTAL METALS
EPA 6010B
MS/MSD QUALITY CONTROL

Date Extracted: 2-14-12
Date Analyzed: 2-14-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-110-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**100**	100	**101**	101	1	
Barium	100	**146**	109	**141**	104	4	
Cadmium	50.0	**49.4**	99	**50.2**	100	2	
Chromium	100	**114**	100	**114**	100	0	
Lead	250	**245**	98	**248**	99	1	
Selenium	100	**99.1**	99	**106**	106	7	
Silver	25.0	**23.3**	93	**24.0**	96	3	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

TOTAL MERCURY
EPA 7471A
MS/MSD QUALITY CONTROL

Date Extracted: 2-10-12
Date Analyzed: 2-10-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-085-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.551**	110	**0.542**	108	2	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

SOLUBLE HEXAVALENT CHROMIUM
WATER EXTRACTION
EPA 7196A
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-15-12
Date Analyzed:	2-15-12
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0215S1

Analyte	Method	Result	PQL
Hexavalent Chromium	7196A mod	**ND**	1.0

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

SOLUBLE HEXAVALENT CHROMIUM
WATER EXTRACTION
EPA 7196A
DUPLICATE QUALITY CONTROL

Date Extracted:	2-15-12
Date Analyzed:	2-15-12
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	02-093-01

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Hexavalent Chromium	**ND**	**ND**	NA		1.0

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

SOLUBLE HEXAVALENT CHROMIUM
WATER EXTRACTION
EPA 7196A
MS/MSD QUALITY CONTROL

Date Extracted:	2-15-12
Date Analyzed:	2-15-12
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	02-093-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Hexavalent Chromium	5.00	**5.11**	102	**4.93**	99	4	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085
Project: 0180-292-00

% MOISTURE

Date Analyzed: 2-10,13&14-12

Client ID	Lab ID	% Moisture
DP12-0.0-2.0	02-085-01	10
DP13-0.0-1.5	02-085-02	20
DP14-0.0-2.0	02-085-03	11
DP15-0.0-2.0	02-085-04	16
DP16-0.0-2.0	02-085-05	13
DP17-0.0-2.0	02-085-06	14
DP18-0.0-2.0	02-085-07	13
DP19-0.0-2.0	02-085-08	11
DP20-0.0-2.0	02-085-09	15
DP21-0.0-2.0	02-085-10	14
DP12-5.0-7.5	02-085-12	15
DP15-5.0-7.0	02-085-19	23
DP21-2.0-3.0	02-085-27	21
HA1-0.0-2.0	02-085-28	20
HA2-0.0-2.0	02-085-29	26
HA3-0.0-2.0	02-085-30	17
HA4-0.0-2.0	02-085-31	21
SED9	02-085-32	60

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

TestAmerica
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OnSITE Environmental

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5755 8th Street E.
Tacoma, WA 98424
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Fax 253-922-5047
www.testamericainc.com

14648 NE 95th St.
Redmond, WA 98052
(425) 883-3881

☒ Rush 4 Day
☐ Short Hold

Chain of Custody Record

Client: GeoEngineers	Client Contact: Aaron Waggoner	Date: 2/9/12	Chain of Custody Number: 12706
Address: 1101 S. Fawcett Ave Ste 200	Telephone Number (Area Code)/Fax Number: (253) 383 4940	Lab Number:	Page 1 of 3
City: Tacoma / State: WA / Zip Code: 98402	Sampler: Aaron Waggoner	Lab Contact: David Baumeister	02-085
Project Name and Location (State): WSDOT Midway Metals, Sequim, WA	Billing Contact:		Special Instructions/ Conditions of Receipt
Contract/Purchase Order/Quote No.: 0180-292-00			

	Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: NWTPH-Dx w/ Silica Gel Cleanup	NWTPH-Gx	VOCs Low Level	SVOCs Low Level	PAHs Low Level	Dissolved RCRA 8 metals	Total RCRA 8 metals	PCBs	1631d	RCRA 8 metals	2 Monsanto
1	DP12-0.0-2.0	2/8/12	1100				X	5						X	X	X	X				X		X	X
2	DP13-00-1.5		1125				X	5						X	X	X		X			X		X	
3	DP14-0.0-2.0		1155				X	5						X	X	X		X			X		X	
4	DP15-0.0-2.0		1335				X	5						X	X	X	X				X		X	
5	DP16-0.0-2.0		1355				X	5						X	X	X		X			X		X	
6	DP17-00-2.0		1430				X	5						X	X	X		X			X		X	
7	DP18-0.0-2.0		1520				X	5							X	X								
8	DP19-0.0-2.0		1530				X	5							X	X								
9	DP20-0.0-2.0		1540				X	5							X	X								
10	DP21-0.0-2.0		1615				X	5						X									X	
11	DP12-2.5-3.5		1105				X	5														X		
12	DP12-5.0-7.5		1110				X	5						X	X	X		X			X		X	X

Cooler: ☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Aaron Waggoner	2/9/12	1630	1. Received By Sign/Print: M VOUN	2/9/12	1636
2. Relinquished By Sign/Print:			2. Received By Sign/Print:		
3. Relinquished By Sign/Print:			3. Received By Sign/Print:		

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

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Fax 253-922-5047
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14648 NE 95th St.
Redmond, WA 98052
(423) 883-3881

☒ Rush 4 days
☐ Short Hold

Chain of Custody Record

02-085

Client	Client Contact	Date	Chain of Custody Number
GeoEngineers	Aaron Waggoner	2/9/12	12705
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 3**
1101 S. Fawcett Ave Ste 200	(253) 383-4940		
City / **State** / **Zip Code**	**Sampler**	**Lab Contact**	
Tacoma / WA / 98402	Aaron Waggoner	David Burmeister	
Project Name and Location (State)	**Billing Contact**		
WSDOT Midway Metals Sequim WA			
Contract/Purchase Order/Quote No.			
0180-292-00			

02-084

Special Instructions/ Conditions of Receipt

	Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: NWTPH-Dx w/Silica Gel Cleanup	NWTPH-Gx	VOCs 1 only	SVOCs low level	PAHs low level	RCRA 8 metals	PCBs	Hold			20 MO USMPC
13	DP12-7.5-8.5	2/8/12	1115				X	5													X			
14	DP13-5.0-7.0		1135				X	5													X			
15	DP13-8.0-10		1140				X	5													X			
16	DP14-2.0-3.0		1215				X	5													X			
17	DP14-5.0-7.0		1230				X	5													X			
18	DP15-2.0-3.0		1320				X	5													X			
19	DP15-5.0-7.0		1330				X	5						X	X	X		X	X	X	X			X
20	DP16-2.0-3.0		1400				X	5													X			
21	DP16-5.0-7.0		1410				X	5													X			
22	DP17-2.0-3.0		1435				X	5													X			
23	DP17-5.0-7.0		1440				X	5													X			
24	DP18-2.0-3.0		1525				X	5													X			

Cooler ☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Aaron Waggoner	2/9/12	1630	1. Received By Sign/Print: MVOW	2/9/12	1630
2. Relinquished By Sign/Print			2. Received By Sign/Print		
3. Relinquished By Sign/Print			3. Received By Sign/Print		

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

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14648 NE 95th St.
Redmond, WA 98052
(425) 883-3881

☒ Rush 4 day
☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
GeoEngineers	Aaron Waggoner	2/9/12	13614
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 3 of 3**
1101 S. Fawcett Ave. #200	253 383 4940		
City / **State** / **Zip Code**	**Sampler** / **Lab Contact**		
Tacoma / WA / 98402	Aaron Waggoner / David Burmeister		
Project Name and Location (State)	**Billing Contact**		
WSDOT Midway Metals, Seguim, WA			
Contract/Purchase Order/Quote No.			
0180-292-00			

02-085

Special Instructions/ Conditions of Receipt

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: NWTPH-DX Silica Gel Cleanup	NWTPH-Gx	VOCs Low Level	PAHs Low Level	SVOCs Low Level	RCRA 8 Dissolved metals	Total RCRA 8 metals	PCBs	Hold	RCRA 8 metals	Cr (VI)	% moisture
25 DP19-2.0-3.0	2/8/12	1535				X		5													X			
26 DP20-2.0-3.0	"	1545				X		5													X			
27 DP21-2.0-3.0	"	1620				X		5					X									X		X
28 HA1-0.0-2.0	2/9/12	1105				X		1					X									X		
29 HA2-0.0-2.0	2/9/12	1115				X		1					X									X		
30 HA3-0.0-2.0	2/9/12	1120				X		1					X									X		
31 HA4-0.0-2.0	2/9/12	1130				X		1															X	
32 SED9	2/9/12	1040				X		1					X			X								

Cooler: ☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Aaron Waggoner	2/9/12	1630	1. Received By Sign/Print: MVOW	2/9/12	1630
2. Relinquished By Sign/Print:			2. Received By Sign/Print:		
3. Relinquished By Sign/Print:			3. Received By Sign/Print:		

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

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

December 29, 2011

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1112-098B

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on December 14, 2011.

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: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

Case Narrative

Samples were collected on December 13 and 14, 2011 and received by the laboratory on December 14, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx Analysis

Sample analysis holding time for DP-8-2-3 was exceeded by approximately one day.

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.

NWTPH Dx Analysis

Samples DP-3-3-4, DP-4-5-6, DP-5-6-7, and DP-6-3.5-4.5 were extracted and analyzed out of holding time.

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.

Volatiles EPA 8260B Analysis

The holding times for samples DP-4-5-6, DP-5-6-7, and DP-6-3.5-4.5 were exceeded by one day.

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.

PAHs EPA 8270D/SIM Analysis

The sample DP-9-6-7 was extracted and analyzed one day out of holding time.

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: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
DP-3-3-4	12-098-05	Soil	12-13-11	12-14-11	
DP-4-5-6	12-098-08	Soil	12-13-11	12-14-11	
DP-5-6-7	12-098-10	Soil	12-13-11	12-14-11	
DP-6-3.5-4.5	12-098-13	Soil	12-13-11	12-14-11	
DP-7-5-6	12-098-16	Soil	12-14-11	12-14-11	
DP-8-2-3	12-098-18	Soil	12-14-11	12-14-11	
DP-9-6-7	12-098-21	Soil	12-14-11	12-14-11	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-8-2-3**					
Laboratory ID:	12-098-18					
Gasoline	**ND**	5.2	NWTPH-Gx	12-29-11	12-29-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***68-124***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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:	**DP-3-3-4**					
Laboratory ID:	12-098-05					
Diesel Range Organics	**ND**	29	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***110***	***50-150***				
Client ID:	**DP-4-5-6**					
Laboratory ID:	12-098-08					
Diesel Range Organics	**ND**	32	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	**ND**	64	NWTPH-Dx	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***101***	***50-150***				
Client ID:	**DP-5-6-7**					
Laboratory ID:	12-098-10					
Diesel Range Organics	**ND**	30	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***102***	***50-150***				
Client ID:	**DP-6-3.5-4.5**					
Laboratory ID:	12-098-13					
Diesel Range Organics	**ND**	29	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***103***	***50-150***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

VOLATILES by EPA 8260B
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-4-5-6**					
Laboratory ID:	12-098-08					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Acetone	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	0.0056	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	0.0056	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Benzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Trichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Toluene	ND	0.0056	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-28-11	12-28-11	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-4-5-6**					
Laboratory ID:	12-098-08					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	ND	0.0023	EPA 8260	12-28-11	12-28-11	
o-Xylene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.0056	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***107***	***63-127***				
Toluene-d8	***111***	***65-129***				
4-Bromofluorobenzene	***86***	***55-121***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-5-6-7**					
Laboratory ID:	12-098-10					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Acetone	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	0.0054	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	0.0054	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Benzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Trichloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Toluene	ND	0.0054	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-28-11	12-28-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-5-6-7**					
Laboratory ID:	12-098-10					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	ND	0.0022	EPA 8260	12-28-11	12-28-11	
o-Xylene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.0054	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***109***	***63-127***				
Toluene-d8	***110***	***65-129***				
4-Bromofluorobenzene	***86***	***55-121***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-3.5-4.5**					
Laboratory ID:	12-098-13					
Dichlorodifluoromethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Acetone	0.016	0.0048	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	0.0048	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	0.0048	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Benzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Trichloroethene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Toluene	ND	0.0048	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260	12-28-11	12-28-11	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
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Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-6-3.5-4.5**					
Laboratory ID:	12-098-13					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-28-11	12-28-11	
o-Xylene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	0.0019	0.00097	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.0048	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***110***	***63-127***				
Toluene-d8	***111***	***65-129***				
4-Bromofluorobenzene	***87***	***55-121***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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:	**DP-9-6-7**					
Laboratory ID:	12-098-21					
Naphthalene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
2-Methylnaphthalene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
1-Methylnaphthalene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthylene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Fluorene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Phenanthrene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Anthracene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Fluoranthene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Pyrene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]anthracene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Chrysene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[b]fluoranthene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Benzo(j,k)fluoranthene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]pyrene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Dibenz[a,h]anthracene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[g,h,i]perylene	**ND**	0.0083	EPA 8270/SIM	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***54***	***43 - 109***				
Pyrene-d10	***54***	***38 - 128***				
Terphenyl-d14	***52***	***33 - 119***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-4-5-6**					
Laboratory ID:	12-098-08					
Aroclor 1016	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	**ND**	0.064	EPA 8082	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***73***	***42-123***				
Client ID:	**DP-5-6-7**					
Laboratory ID:	12-098-10					
Aroclor 1016	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	**ND**	0.060	EPA 8082	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***81***	***42-123***				
Client ID:	**DP-6-3.5-4.5**					
Laboratory ID:	12-098-13					
Aroclor 1016	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	**ND**	0.059	EPA 8082	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***79***	***42-123***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP-7-5-6**					
Laboratory ID:	12-098-16					
Aroclor 1016	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	**ND**	0.061	EPA 8082	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***81***	***42-123***				
Client ID:	**DP-8-2-3**					
Laboratory ID:	12-098-18					
Aroclor 1016	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	**ND**	0.057	EPA 8082	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***80***	***42-123***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-08					
Client ID:	**DP-4-5-6**					
Arsenic	**ND**	13	6010B	12-28-11	12-28-11	
Barium	**54**	3.2	6010B	12-28-11	12-28-11	
Cadmium	**ND**	0.64	6010B	12-28-11	12-28-11	
Chromium	**46**	0.64	6010B	12-28-11	12-28-11	
Lead	**ND**	6.4	6010B	12-28-11	12-28-11	
Mercury	**ND**	0.32	7471A	12-28-11	12-28-11	
Selenium	**ND**	13	6010B	12-28-11	12-28-11	
Silver	**ND**	0.64	6010B	12-28-11	12-28-11	
Lab ID:	12-098-10					
Client ID:	**DP-5-6-7**					
Arsenic	**ND**	12	6010B	12-28-11	12-28-11	
Barium	**72**	3.0	6010B	12-28-11	12-28-11	
Cadmium	**ND**	0.60	6010B	12-28-11	12-28-11	
Chromium	**50**	0.60	6010B	12-28-11	12-28-11	
Lead	**ND**	6.0	6010B	12-28-11	12-28-11	
Mercury	**ND**	0.30	7471A	12-28-11	12-28-11	
Selenium	**ND**	12	6010B	12-28-11	12-28-11	
Silver	**ND**	0.60	6010B	12-28-11	12-28-11	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-098-13					
Client ID:	**DP-6-3.5-4.5**					
Arsenic	**ND**	12	6010B	12-28-11	12-28-11	
Barium	**46**	2.9	6010B	12-28-11	12-28-11	
Cadmium	**ND**	0.59	6010B	12-28-11	12-28-11	
Chromium	**34**	0.59	6010B	12-28-11	12-28-11	
Lead	**ND**	5.9	6010B	12-28-11	12-28-11	
Mercury	**ND**	0.29	7471A	12-28-11	12-28-11	
Selenium	**ND**	12	6010B	12-28-11	12-28-11	
Silver	**ND**	0.59	6010B	12-28-11	12-28-11	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1229S1					
Gasoline	**ND**	5.0	NWTPH-Gx	12-29-11	12-29-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***94***	***68-124***				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	12-098-18								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					***91***	***95***	***68-124***		

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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:	MB1228S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***117***	***50-150***				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-098-13						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			***103*** ***105***	***50-150***			

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1228S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Acetone	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Benzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Trichloroethene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Toluene	ND	0.0050	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-28-11	12-28-11	

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Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1228S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-28-11	12-28-11	
o-Xylene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***111***	***63-127***				
Toluene-d8	***113***	***65-129***				
4-Bromofluorobenzene	***91***	***55-121***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1228S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0636**	**0.0633**	0.0500	0.0500	127	127	70-130	0	19	
Benzene	**0.0547**	**0.0564**	0.0500	0.0500	109	113	70-125	3	15	
Trichloroethene	**0.0484**	**0.0490**	0.0500	0.0500	97	98	70-122	1	14	
Toluene	**0.0518**	**0.0512**	0.0500	0.0500	104	102	73-120	1	16	
Chlorobenzene	**0.0428**	**0.0431**	0.0500	0.0500	86	86	74-109	1	12	
Surrogate:										
Dibromofluoromethane					***96***	***99***	***63-127***			
Toluene-d8					***100***	***100***	***65-129***			
4-Bromofluorobenzene					***79***	***79***	***55-121***			

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1228S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***83***	***43 - 109***				
Pyrene-d10	***81***	***38 - 128***				
Terphenyl-d14	***79***	***33 - 119***				

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-170-20										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0522**	**0.0601**	0.0833	0.0833	ND	63	72	39 - 110	14	21	
Acenaphthylene	**0.0562**	**0.0637**	0.0833	0.0833	ND	67	76	47 - 124	13	21	
Acenaphthene	**0.0572**	**0.0640**	0.0833	0.0833	ND	69	77	50 - 120	11	20	
Fluorene	**0.0565**	**0.0644**	0.0833	0.0833	ND	68	77	52 - 126	13	21	
Phenanthrene	**0.0547**	**0.0628**	0.0833	0.0833	ND	66	75	41 - 130	14	22	
Anthracene	**0.0534**	**0.0613**	0.0833	0.0833	ND	64	74	48 - 124	14	23	
Fluoranthene	**0.0567**	**0.0651**	0.0833	0.0833	ND	68	78	40 - 137	14	23	
Pyrene	**0.0572**	**0.0651**	0.0833	0.0833	ND	69	78	36 - 139	13	23	
Benzo[a]anthracene	**0.0654**	**0.0754**	0.0833	0.0833	ND	79	91	43 - 127	14	21	
Chrysene	**0.0564**	**0.0628**	0.0833	0.0833	ND	68	75	41 - 133	11	19	
Benzo[b]fluoranthene	**0.0551**	**0.0630**	0.0833	0.0833	ND	66	76	40 - 132	13	25	
Benzo(j,k)fluoranthene	**0.0546**	**0.0606**	0.0833	0.0833	ND	66	73	35 - 132	10	25	
Benzo[a]pyrene	**0.0559**	**0.0632**	0.0833	0.0833	ND	67	76	37 - 131	12	26	
Indeno(1,2,3-c,d)pyrene	**0.0578**	**0.0638**	0.0833	0.0833	ND	69	77	39 - 134	10	23	
Dibenz[a,h]anthracene	**0.0590**	**0.0666**	0.0833	0.0833	ND	71	80	40 - 137	12	21	
Benzo[g,h,i]perylene	**0.0588**	**0.0667**	0.0833	0.0833	ND	71	80	35 - 135	13	22	
Surrogate:											
2-Fluorobiphenyl						***64***	***71***	***43 - 109***			
Pyrene-d10						***70***	***79***	***38 - 128***			
Terphenyl-d14						***68***	***78***	***33 - 119***			

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1228S1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-28-11	12-28-11	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***78***	***42-123***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-170-20										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.403**	**0.356**	0.500	0.500	ND	**81**	**71**	44-125	12	15	
Surrogate:											
DCB						***85***	***78***	***42-123***			

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL

Date Extracted: 12-28-11
Date Analyzed: 12-28-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1228S1&MB1228SM2

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**ND**	2.5
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.50

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-28-11
Date Analyzed: 12-28-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-13

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**39.4**	**44.1**	11	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**29.3**	**28.8**	2	0.50	
Lead	**ND**	**ND**	NA	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
MS/MSD QUALITY CONTROL

Date Extracted: 12-28-11
Date Analyzed: 12-28-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-13

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**90.3**	90	**90.0**	90	0	
Barium	100	**133**	94	**132**	92	1	
Cadmium	50.0	**46.5**	93	**46.4**	93	0	
Chromium	100	**123**	94	**117**	88	5	
Lead	250	**224**	90	**223**	89	1	
Mercury	0.500	**0.506**	101	**0.485**	97	4	
Selenium	100	**90.2**	90	**90.8**	91	1	
Silver	25.0	**19.7**	79	**19.7**	79	0	

Date of Report: December 29, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-098B
Project: 0180-292-00

% MOISTURE

Date Analyzed: 12-28-11

Client ID	Lab ID	% Moisture
DP-3-3-4	12-098-05	14
DP-4-5-6	12-098-08	22
DP-5-6-7	12-098-10	17
DP-6-3.5-4.5	12-098-13	15
DP-7-5-6	12-098-16	18
DP-8-2-3	12-098-18	12
DP-9-6-7	12-098-21	19

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

Company: GeoEngineers/WSDOT
Project Number: 0180-292-00
Project Name: Midway Metals
Project Manager: Aaron Waggoner
Sampled by:

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: 12-098

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	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 Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	HOLD				% Moisture
1	DP-1-0-2	12/13/11	0920	Soil	5			X	X	X		●	● YES	X				X								X
2	DP-1-7-8		0940																			X				
3	DP-1-13-15		0930					X	X	X		⊗	●	X				X								X
4	DP-3-0-2		1055					X	X	X		⊗	●	X				X								↓
5	DP-3-3-4		1120						⊗												X					⊗
6	DP-3-9-10		1140																			X				
7	DP-4-0-2		1315					X	X	X		⊗	●	X				X								X
8	DP-4-5-6		1325						⊗	⊗				⊗				⊗				X				⊗
9	DP-5-0-2		1435					X	X	X		⊗	●	X				X								X
10	DP-5-6-7		1445						⊗	⊗				⊗				⊗				X				⊗

	Signature	Company	Date	Time
Relinquished		GeoEng	12/14/11	1340
Received		Spectrum	12-14-11	1741
Relinquished		Spectrum	12-14-11	1620
Received		OnSite Env	12/14/11	1620
Relinquished				
Received				

Comments/Special Instructions

● Added 12/15 hm. DB (STA)

⊗ Added 12/28/11 DB
1 day TA

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

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

Laboratory Number: 12-098

Company: GeoEngineers/WSDOT
Project Number: 0180-292-00
Project Name: Midway Metals
Project Manager: Aaron Waggoner
Sampled by:

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	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs) Hold SVOCs	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	HOLD				% Moisture
11	DP-5-14-15	12/13/11	1455	Soil	5																	X				
12	DP-6-0-2		1510					X	X	X		●		X				X								X
13	DP-6-3.5-4.5		1550						⊗	⊗				⊗				⊗				⊗				⊗
14	DP-6-11.5-12.5		1600					X	X	X		~~●~~	●	X				X								X

	Signature	Company	Date	Time
Relinquished		GEO	12/14/11	1340
Received		Gray	12/14/11	1442
Relinquished		Gray	12/14/11	1620
Received		OnSite Env	12/14/11	1620
Relinquished				
Received				

Comments/Special Instructions

● Added 12/15/11. DB (STA)

⊗ Added 12/28/11 RLO 1 day TA

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

Page 3 of 3

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

Company: GeoEngineers
Project Number: 0180-292-00
Project Name: WSDOT Midway Metals
Project Manager: Aaron Waggoner
Sampled by:

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: 12-098

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs) Hold SVOCs	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	Hold				% Moisture
15	DP-7-0-2	12/14/11	0920	Soil	5			X	X	X			●	X				X				X				X
16	DP-7-5-6		0930											(X)								X				(X)
17	DP-8-0-2		1010					X	X	X			●	X				X								X
18	DP-8-2-3		1020					(X)						(X)								X				(X)
19	DP-8-8-9		1030																			X				
20	DP-9-0-2		1045					X	X	X			●	X				X								X
21	DP-9-6-7		1100										(X)									X				(X)
22	DP-10-0-2		1215					X	X	X			●	X				X								X
23	DP-10-6-7		1245																			X				

	Signature	Company	Date	Time
Relinquished		GeoEng	12/14/11	1340
Received		Spanz	12-14	1471
Relinquished		Spanz	12/14/11	1620
Received		Onsite Env. Inc.	12/14/11	1620
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

● Added 12/15 lm. DB (STA)
(X) Added 12/28/11 BG
1 day TA

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

February 24, 2012

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1202-085B

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2012.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 24, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085B
Project: 0180-292-00

Case Narrative

Sample was collected on February 9, 2012 and received by the laboratory on February 9, 2012. 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 by EPA 8270D/SIM Analysis

Sample HA4-0.0-2.0 was extracted outside of the holding time.

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

Date of Report: February 24, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085B
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
HA4-0.0-2.0	02-085-31	Soil	2-9-12	2-9-12	

Date of Report: February 24, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085B
Project: 0180-292-00

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:	**HA4-0.0-2.0**					
Laboratory ID:	02-085-31					
Naphthalene	**0.021**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
2-Methylnaphthalene	**0.019**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
1-Methylnaphthalene	**0.010**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Acenaphthylene	**ND**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Acenaphthene	**ND**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Fluorene	**ND**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Phenanthrene	**0.031**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Anthracene	**ND**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Fluoranthene	**0.036**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Pyrene	**0.038**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[a]anthracene	**0.013**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Chrysene	**0.017**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[b]fluoranthene	**0.018**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Benzo(j,k)fluoranthene	**ND**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[a]pyrene	**0.013**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Indeno(1,2,3-c,d)pyrene	**0.013**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Dibenz[a,h]anthracene	**ND**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[g,h,i]perylene	**0.019**	0.0084	EPA 8270/SIM	2-23-12	2-24-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*47*	*43 - 109*				
Pyrene-d10	*75*	*38 - 128*				
Terphenyl-d14	*49*	*33 - 119*				

Date of Report: February 24, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085B
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0223S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Fluorene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Anthracene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Pyrene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Chrysene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	2-23-12	2-24-12	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*43 - 109*				
Pyrene-d10	*115*	*38 - 128*				
Terphenyl-d14	*102*	*33 - 119*				

Date of Report: February 24, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-085B
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0223S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0736**	**0.0781**	0.0833	0.0833	88	94	43 - 108	6	27	
Acenaphthylene	**0.0671**	**0.0701**	0.0833	0.0833	81	84	52 - 120	4	21	
Acenaphthene	**0.0615**	**0.0653**	0.0833	0.0833	74	78	59 - 113	6	17	
Fluorene	**0.0659**	**0.0720**	0.0833	0.0833	79	86	64 - 117	9	14	
Phenanthrene	**0.0613**	**0.0658**	0.0833	0.0833	74	79	67 - 112	7	12	
Anthracene	**0.0678**	**0.0728**	0.0833	0.0833	81	87	59 - 110	7	16	
Fluoranthene	**0.0790**	**0.0849**	0.0833	0.0833	95	102	68 - 120	7	15	
Pyrene	**0.0771**	**0.0819**	0.0833	0.0833	93	98	66 - 121	6	17	
Benzo[a]anthracene	**0.0734**	**0.0781**	0.0833	0.0833	88	94	63 - 114	6	12	
Chrysene	**0.0666**	**0.0708**	0.0833	0.0833	80	85	67 - 118	6	12	
Benzo[b]fluoranthene	**0.0645**	**0.0695**	0.0833	0.0833	77	83	58 - 127	7	20	
Benzo(j,k)fluoranthene	**0.0617**	**0.0670**	0.0833	0.0833	74	80	42 - 134	8	26	
Benzo[a]pyrene	**0.0675**	**0.0720**	0.0833	0.0833	81	86	55 - 111	6	19	
Indeno(1,2,3-c,d)pyrene	**0.0670**	**0.0718**	0.0833	0.0833	80	86	60 - 125	7	20	
Dibenz[a,h]anthracene	**0.0727**	**0.0771**	0.0833	0.0833	87	93	62 - 125	6	19	
Benzo[g,h,i]perylene	**0.0712**	**0.0757**	0.0833	0.0833	85	91	61 - 124	6	19	
Surrogate:										
2-Fluorobiphenyl					*71*	*75*	*43 - 109*			
Pyrene-d10					*113*	*121*	*38 - 128*			
Terphenyl-d14					*96*	*103*	*33 - 119*			

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

OnSITE Environmental

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
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14648 NE 95th St.
Redmond, WA 98052
(425) 883-3881

☒ Rush 4 Day
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Chain of Custody Record

Client: GeoEngineers	Client Contact: Aaron Waggoner	Date: 2/9/12	Chain of Custody Number: 12706
Address: 1101 S. Fawcett Ave Ste 200	Telephone Number (Area Code)/Fax Number: (253) 383 4940	Lab Number:	Page 1 of 3
City: Tacoma / State: WA / Zip Code: 98402	Sampler: Aaron Waggoner	Lab Contact: David Baumeister	02-085
Project Name and Location (State): WSDOT Midway Metals, Sequim, WA	Billing Contact:		Special Instructions/ Conditions of Receipt
Contract/Purchase Order/Quote No.: 0180-292-00			

	Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	NWTPH-Dx w/ Silica Gel Cleanup	NWTPH-Gx	VOCs Low Level	SVOCs Low Level	PAHs Low Level	RCRA 8 Dissolved Metals	RCRA 8 Total Metals	PCBs	Hold	RCRA 8 Metals	Hex Chrome	20 Moisture
1	DP12-0.0-2.0	2/8/12	1100				X	5						X	X	X	X				X		X		X
2	DP13-0.0-2.0		1125				X	5						X	X	X		X			X		X	⊗	
3	DP14-0.0-2.0		1155 1210				X	5						X	X	X		X			X		X		
4	DP15-0.0-2.0		1335 1345				X	5						X	X	X	X				X		X		
5	DP16-0.0-2.0		1355				X	5						X	X	X		X			X		X		
6	DP17-0.0-2.0		1430				X	5						X	X	X		X			X		X		
7	DP18-0.0-2.0		1520				X	5							X	X									
8	DP19-0.0-2.0		1530				X	5							X	X									
9	DP20-0.0-2.0		1540				X	5							X	✓									
10	DP21-0.0-2.0		1615				X	5						X									X		
11	DP12-2.5-3.5		1105				X	5														X			
12	DP12-5.0-7.5		1110				X	5						X	X	X		X			X		X		X

⊗ Added 2/15/12. DB 4:55 pm (1 day TAT)

⊗ Added 2/23/12 DB (1 day TAT)

Cooler: ☐ Yes ☐ No Cooler Temp:_____	Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown	Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By Sign/Print: Aaron Waggoner	Date: 2/9/12	Time: 1630	1. Received By Sign/Print: MVOW	Date: 2/9/12	Time: 1636
2. Relinquished By Sign/Print	Date	Time	2. Received By Sign/Print	Date	Time
3. Relinquished By Sign/Print	Date	Time	3. Received By Sign/Print	Date	Time

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Onsite Environmental

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Redmond, WA 98052
(423) 883-3881

☒ Rush 4 days
☐ Short Hold

Chain of Custody Record

02-085

Client	Client Contact	Date	Chain of Custody Number
GeoEngineers	Aaron Waggoner	2/9/12	12705
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 3**
1101 S. Fawcett Ave Ste 200	(253) 3834940		
City / **State** / **Zip Code**	**Sampler**	**Lab Contact**	
Tacoma / WA / 98402	Aaron Waggoner	David Burmeister	
Project Name and Location (State)	**Billing Contact**		
WSDOT Midway Metals Sequim WA			
Contract/Purchase Order/Quote No.			
0180-292-00			

02-084

Special Instructions/ Conditions of Receipt

	Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: NWTPH-Dx w/Silica gel cleanup	NWTPH-Gx	VOCs 1 volume	SVOCs 1 volume	PAHs 1 volume	RCRA 8 metals	PCBs	Hold			SOMO1 Sample	
13	DP12-7.5-8.5	2/8/12	1115				X	5													X				
14	DP13-5.0-7.0		1135				X	5													X				
15	DP13-8.0-10		1140				X	5													X				
16	DP14-2.0-3.0		1215				X	5													X				
17	DP14-5.0-7.0		1230				X	5													X				
18	DP15-2.0-3.0		1320				X	5													X				
19	DP15-5.0-7.0		1330				X	5						X	X	X		X	X	X	X			X	
20	DP16-2.0-3.0		1400				X	5													X				
21	DP16-5.0-7.0		1410				X	5													X				
22	DP17-2.0-3.0		1435				X	5													X				
23	DP17-5.0-7.0		1440				X	5													X				
24	DP18-2.0-3.0		1525				X	5													X				

Cooler
☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By Sign/Print	Date	Time	Received By Sign/Print	Date	Time
1.	Aaron Waggoner	2/9/12	1630	MVOW	2/9/12	1630
2.						
3.						

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

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☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
Geo Engineers	Aaron Waggoner	2/9/12	13614
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 3 of 3**
1101 S. Fawcett Ave. #200	253 383 4940		
City / State / Zip Code	**Sampler / Lab Contact**		
Tacoma / WA / 98402	Aaron Waggoner / David Baumeister		
Project Name and Location (State)	**Billing Contact**		
WSDOT Midway Metals, Sequim, WA			
Contract/Purchase Order/Quote No.			
0180-292-00			

02-085

Special Instructions/ Conditions of Receipt

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: NWTPH-Dx Silica Gel Cleanup	NWTPH-Gx	VOCs Low Level	PAHs Low Level	SVOCs Low Level	RCRA 8 Dissolved metals	Total RCRA 8 metals	PCBs	Hold	RCRA 8 metals	Cr (VI)	% moisture	
25 DP19-2.0-3.0	2/8/12	1535				X		5							(X)						X			(X)	
26 DP20-2.0-3.0	"	1545				X		5													X				
27 DP21-2.0-3.0	"	1620				X		01					X									X		X	
28 HA1-0.0-2.0	2/9/12	1105				X		1					X									X			
29 HA2-0.0-2.0	2/9/12	1115				X		1					X									X			
30 HA3-0.0-2.0	2/9/12	1120				X		1					X									X			
31 HA4-0.0-2.0	2/9/12	1130				X		1								O							X		(X) Added 2/16/12 4:55pm (1 day TAT)
32 SED9	2/9/12	1040				X		1					X			X									
																									O Added 2/23/12. DB (1 day TAT)

Cooler	Possible Hazard Identification	Sample Disposal	
☐ Yes ☐ No Cooler Temp:_____	☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown	☐ Return To Client	☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)	QC Requirements (Specify)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____	

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Aaron Waggoner	2/9/12	1630	1. Received By Sign/Print: MVOW	2/9/12	1630
2. Relinquished By Sign/Print:			2. Received By Sign/Print:		
3. Relinquished By Sign/Print:			3. Received By Sign/Print:		

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

OnSite Environmental Inc.

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

December 23, 2011

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1112-099

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on December 14, 2011.

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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

Case Narrative

Samples were collected on December 13, 2011 and received by the laboratory on December 14, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx and Volatiles EPA 8260B (soil) Analysis

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

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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
SW2	12-099-01	Water	12-13-11	12-14-11	
SED3	12-099-03	Soil	12-13-11	12-14-11	
SED4	12-099-04	Soil	12-13-11	12-14-11	
SED5	12-099-05	Soil	12-13-11	12-14-11	
SED6	12-099-06	Soil	12-13-11	12-14-11	
SED7	12-099-07	Soil	12-13-11	12-14-11	
SED8	12-099-08	Soil	12-13-11	12-14-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW2**					
Laboratory ID:	12-099-01					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*73-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED3**					
Laboratory ID:	12-099-03					
Gasoline	**ND**	9.0	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*68-124*				
Client ID:	**SED4**					
Laboratory ID:	12-099-04					
Gasoline	**ND**	9.6	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*68-124*				
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
Gasoline	**ND**	7.6	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*68-124*				
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
Gasoline	**ND**	9.6	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*104*	*68-124*				
Client ID:	**SED7**					
Laboratory ID:	12-099-07					
Gasoline	**ND**	5.3	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*68-124*				
Client ID:	**SED8**					
Laboratory ID:	12-099-08					
Gasoline	**ND**	8.0	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*68-124*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	**SW2**					
Laboratory ID:	12-099-01					
Diesel Range Organics	**ND**	0.29	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.46	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*71*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	**SED3**					
Laboratory ID:	12-099-03					
Diesel Range Organics	**ND**	38	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	77	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**SED4**					
Laboratory ID:	12-099-04					
Diesel Range Organics	**ND**	40	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil	**270**	79	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
Diesel Range Organics	**ND**	120	NWTPH-Dx	12-19-11	12-19-11	U1
Lube Oil	**950**	66	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
Diesel Range Organics	**ND**	37	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	75	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**SED7**					
Laboratory ID:	12-099-07					
Diesel Range Organics	**ND**	28	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**SED8**					
Laboratory ID:	12-099-08					
Diesel Range Organics	**ND**	33	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	65	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW2**					
Laboratory ID:	12-099-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW2**					
Laboratory ID:	12-099-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*68-120*				
Toluene-d8	*84*	*73-120*				
4-Bromofluorobenzene	*86*	*65-120*				

Date of Report: December 23, 2011
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Laboratory Reference: 1112-099
Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED3**					
Laboratory ID:	12-099-03					
Dichlorodifluoromethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0064	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0064	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0064	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0064	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED3**					
Laboratory ID:	12-099-03					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0026	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0064	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0064	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*63-127*				
Toluene-d8	*97*	*65-129*				
4-Bromofluorobenzene	*90*	*55-121*				

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Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED4**					
Laboratory ID:	12-099-04					
Dichlorodifluoromethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0089	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0089	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0089	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0089	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0018	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED4**					
Laboratory ID:	12-099-04					
1,1,2-Trichloroethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0036	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0018	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0089	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0089	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0018	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*63-127*				
Toluene-d8	*94*	*65-129*				
4-Bromofluorobenzene	*74*	*55-121*				

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Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
Dichlorodifluoromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0068	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0068	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0068	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0027	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0068	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*87*	*63-127*				
Toluene-d8	*91*	*65-129*				
4-Bromofluorobenzene	*74*	*55-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
Dichlorodifluoromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0069	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0069	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0069	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0069	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0027	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*63-127*				
Toluene-d8	*87*	*65-129*				
4-Bromofluorobenzene	*72*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED7**					
Laboratory ID:	12-099-07					
Dichlorodifluoromethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0049	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0049	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0049	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED7**					
Laboratory ID:	12-099-07					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0049	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*94*	*55-121*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED8**					
Laboratory ID:	12-099-08					
Dichlorodifluoromethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0059	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0059	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0059	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED8**					
Laboratory ID:	12-099-08					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0024	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0059	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*82*	*55-121*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW2**					
Laboratory ID:	12-099-01					
n-Nitrosodimethylamine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Pyridine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Phenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Aniline	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Chlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Benzyl alcohol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Hexachloroethane	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Nitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Isophorone	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Nitrophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Naphthalene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
4-Chloroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Hexachlorobutadiene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Hexachlorocyclopentadiene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Chloronaphthalene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Nitroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Dimethylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Acenaphthylene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
3-Nitroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	

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Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW2**					
Laboratory ID:	12-099-01					
2,4-Dinitrophenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Acenaphthene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
4-Nitrophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Dibenzofuran	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Diethylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Nitroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Fluorene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
4,6-Dinitro-2-methylphenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Hexachlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Pentachlorophenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Phenanthrene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Carbazole	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Di-n-butylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Fluoranthene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Benzidine	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Pyrene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Butylbenzylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Di-n-octylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*32*	*18 - 86*				
Phenol-d6	*23*	*10 - 88*				
Nitrobenzene-d5	*51*	*37 - 112*				
2-Fluorobiphenyl	*66*	*42 - 108*				
2,4,6-Tribromophenol	*79*	*39 - 118*				
Terphenyl-d14	*61*	*49 - 122*				

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
n-Nitrosodimethylamine	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	2.2	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	2.2	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Naphthalene	**0.093**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
4-Chloroaniline	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**0.094**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Hexachlorocyclopentadiene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**0.061**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
3-Nitroaniline	**ND**	0.22	EPA 8270	12-19-11	12-20-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
2,4-Dinitrophenol	**ND**	1.1	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
4-Nitrophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	1.1	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
4,6-Dinitro-2-methylphenol	**ND**	1.1	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	1.1	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**0.19**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**0.078**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Carbazole	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	2.2	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**0.30**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Benzidine	**ND**	2.2	EPA 8270	12-19-11	12-20-11	
Pyrene	**0.29**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Butylbenzylphthalate	**ND**	2.2	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	1.1	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	2.2	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**0.16**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.20**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
bis(2-Ethylhexyl)phthalate	**ND**	1.1	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.22	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.33**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**0.11**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.27**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Indeno[1,2,3-cd]pyrene	**0.20**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**0.049**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.23**	0.044	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*30 - 97*				
Phenol-d6	*72*	*40 - 104*				
Nitrobenzene-d5	*64*	*35 - 102*				
2-Fluorobiphenyl	*95*	*44 - 97*				
2,4,6-Tribromophenol	*136*	*41 - 110*				Q
Terphenyl-d14	*84*	*53 - 107*				

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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
n-Nitrosodimethylamine	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	0.50	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**0.064**	0.050	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.50	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Naphthalene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
4-Chloroaniline	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Hexachlorocyclopentadiene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
3-Nitroaniline	**ND**	0.050	EPA 8270	12-19-11	12-20-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
4-Nitrophenol	**0.13**	0.050	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.25	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
4,6-Dinitro-2-methylphenol	**ND**	0.25	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.25	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Carbazole	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	0.50	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Benzidine	**ND**	0.50	EPA 8270	12-19-11	12-20-11	
Pyrene	**0.093**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Butylbenzylphthalate	**ND**	0.50	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.25	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.50	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.25	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.050	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.050	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*30 - 97*				
Phenol-d6	*59*	*40 - 104*				
Nitrobenzene-d5	*56*	*35 - 102*				
2-Fluorobiphenyl	*70*	*44 - 97*				
2,4,6-Tribromophenol	*100*	*41 - 110*				
Terphenyl-d14	*66*	*53 - 107*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	**SED3**					
Laboratory ID:	12-099-03					
Naphthalene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*54*	*43 - 109*				
Pyrene-d10	*60*	*38 - 128*				
Terphenyl-d14	*53*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	**SED4**					
Laboratory ID:	12-099-04					
Naphthalene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*43 - 109*				
Pyrene-d10	*91*	*38 - 128*				
Terphenyl-d14	*92*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	**SED7**					
Laboratory ID:	12-099-07					
Naphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*64*	*43 - 109*				
Pyrene-d10	*76*	*38 - 128*				
Terphenyl-d14	*74*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	**SED8**					
Laboratory ID:	12-099-08					
Naphthalene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**ND**	0.0087	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*43 - 109*				
Pyrene-d10	*67*	*38 - 128*				
Terphenyl-d14	*65*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW2**					
Laboratory ID:	12-099-01					
Aroclor 1016	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Aroclor 1221	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Aroclor 1232	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Aroclor 1242	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Aroclor 1248	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Aroclor 1254	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Aroclor 1260	**ND**	0.048	EPA 8082	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*36-127*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED3**					
Laboratory ID:	12-099-03					
Aroclor 1016	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.076	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*42-123*				
Client ID:	**SED4**					
Laboratory ID:	12-099-04					
Aroclor 1016	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.079	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*42-123*				
Client ID:	**SED5**					
Laboratory ID:	12-099-05					
Aroclor 1016	**ND**	0.066	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.066	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.066	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.066	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.066	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**0.16**	0.066	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.066	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*42-123*				

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Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED6**					
Laboratory ID:	12-099-06					
Aroclor 1016	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.075	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*75*	*42-123*				
Client ID:	**SED7**					
Laboratory ID:	12-099-07					
Aroclor 1016	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.057	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*42-123*				
Client ID:	**SED8**					
Laboratory ID:	12-099-08					
Aroclor 1016	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.065	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*42-123*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-099-01					
Client ID:	**SW2**					
Arsenic	**ND**	3.3	200.8	12-16-11	12-16-11	
Barium	**31**	28	200.8	12-16-11	12-16-11	
Cadmium	**ND**	4.4	200.8	12-16-11	12-16-11	
Chromium	**ND**	11	200.8	12-16-11	12-16-11	
Lead	**4.0**	1.1	200.8	12-16-11	12-16-11	
Mercury	**ND**	0.50	7470A	12-16-11	12-16-11	
Selenium	**ND**	5.6	200.8	12-16-11	12-16-11	
Silver	**ND**	11	200.8	12-16-11	12-16-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-099-01					
Client ID:	**SW2**					
Arsenic	**ND**	3.0	200.8	12-14-11	12-15-11	
Barium	**ND**	25	200.8	12-14-11	12-15-11	
Cadmium	**ND**	4.0	200.8	12-14-11	12-15-11	
Chromium	**ND**	10	200.8	12-14-11	12-15-11	
Lead	**1.4**	1.0	200.8	12-14-11	12-15-11	
Mercury	**ND**	0.50	7470A	12-14-11	12-20-11	
Selenium	**ND**	5.0	200.8	12-14-11	12-15-11	
Silver	**ND**	10	200.8	12-14-11	12-15-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-099-03					
Client ID:	**SED3**					
Arsenic	**ND**	15	6010B	12-19-11	12-19-11	
Barium	**64**	3.8	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.76	6010B	12-19-11	12-19-11	
Chromium	**41**	0.76	6010B	12-19-11	12-19-11	
Lead	**ND**	7.6	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.38	7471A	12-19-11	12-19-11	
Selenium	**ND**	15	6010B	12-19-11	12-19-11	
Silver	**ND**	0.76	6010B	12-19-11	12-19-11	
Lab ID:	12-099-04					
Client ID:	**SED4**					
Arsenic	**ND**	16	6010B	12-19-11	12-19-11	
Barium	**88**	4.0	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.79	6010B	12-19-11	12-19-11	
Chromium	**48**	0.79	6010B	12-19-11	12-19-11	
Lead	**39**	7.9	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.4	7471A	12-19-11	12-19-11	
Selenium	**ND**	16	6010B	12-19-11	12-19-11	
Silver	**ND**	0.79	6010B	12-19-11	12-19-11	

Date of Report: December 23, 2011
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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-099-05					
Client ID:	**SED5**					
Arsenic	**ND**	13	6010B	12-19-11	12-19-11	
Barium	**75**	3.3	6010B	12-19-11	12-19-11	
Cadmium	**0.89**	0.66	6010B	12-19-11	12-19-11	
Chromium	**57**	0.66	6010B	12-19-11	12-19-11	
Lead	**120**	6.6	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.33	7471A	12-19-11	12-19-11	
Selenium	**ND**	13	6010B	12-19-11	12-19-11	
Silver	**ND**	0.66	6010B	12-19-11	12-19-11	
Lab ID:	12-099-06					
Client ID:	**SED6**					
Arsenic	**ND**	15	6010B	12-19-11	12-19-11	
Barium	**100**	3.7	6010B	12-19-11	12-19-11	
Cadmium	**0.90**	0.75	6010B	12-19-11	12-19-11	
Chromium	**37**	0.75	6010B	12-19-11	12-19-11	
Lead	**13**	7.5	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.37	7471A	12-19-11	12-19-11	
Selenium	**ND**	15	6010B	12-19-11	12-19-11	
Silver	**ND**	0.75	6010B	12-19-11	12-19-11	

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TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-099-07					
Client ID:	**SED7**					
Arsenic	**ND**	11	6010B	12-19-11	12-19-11	
Barium	**41**	2.8	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.57	6010B	12-19-11	12-19-11	
Chromium	**30**	0.57	6010B	12-19-11	12-19-11	
Lead	**ND**	5.7	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.28	7471A	12-19-11	12-19-11	
Selenium	**ND**	11	6010B	12-19-11	12-19-11	
Silver	**ND**	0.57	6010B	12-19-11	12-19-11	
Lab ID:	12-099-08					
Client ID:	**SED8**					
Arsenic	**ND**	13	6010B	12-19-11	12-19-11	
Barium	**78**	3.3	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.65	6010B	12-19-11	12-19-11	
Chromium	**29**	0.65	6010B	12-19-11	12-19-11	
Lead	**ND**	6.5	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.33	7471A	12-19-11	12-19-11	
Selenium	**ND**	13	6010B	12-19-11	12-19-11	
Silver	**ND**	0.65	6010B	12-19-11	12-19-11	

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NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1215W2					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*73-121*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-100-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*91*	*90*	*73-121*			

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NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216S2					
Gasoline	**ND**	5.0	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*68-124*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-100-03										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*102*	*106*	*68-124*			

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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:	MB1219S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*120*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-110-01						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*109* *114*	*50-150*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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:	MB1221W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-105-02						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*100* *105*	*50-150*			

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*68-120*				
Toluene-d8	*90*	*73-120*				
4-Bromofluorobenzene	*88*	*65-120*				

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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1215W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**11.0**	**10.4**	10.0	10.0	110	104	70-130	6	11	
Benzene	**9.09**	**8.95**	10.0	10.0	91	90	75-123	2	8	
Trichloroethene	**10.1**	**10.3**	10.0	10.0	101	103	80-113	2	9	
Toluene	**9.74**	**9.71**	10.0	10.0	97	97	80-113	0	8	
Chlorobenzene	**10.8**	**10.5**	10.0	10.0	108	105	80-111	3	8	
Surrogate:										
Dibromofluoromethane					*77*	*77*	*68-120*			
Toluene-d8					*82*	*85*	*73-120*			
4-Bromofluorobenzene					*79*	*85*	*65-120*			

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0050	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-15-11	12-15-11	

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METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*96*	*55-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1215S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0573**	**0.0584**	0.0500	0.0500	115	117	70-130	2	19	
Benzene	**0.0499**	**0.0504**	0.0500	0.0500	100	101	70-125	1	15	
Trichloroethene	**0.0474**	**0.0476**	0.0500	0.0500	95	95	70-122	0	14	
Toluene	**0.0493**	**0.0495**	0.0500	0.0500	99	99	73-120	0	16	
Chlorobenzene	**0.0451**	**0.0451**	0.0500	0.0500	90	90	74-109	0	12	
Surrogate:										
Dibromofluoromethane					*85*	*84*	*63-127*			
Toluene-d8					*94*	*90*	*65-129*			
4-Bromofluorobenzene					*91*	*84*	*55-121*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W2					
n-Nitrosodimethylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Pyridine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Phenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Aniline	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Chlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzyl alcohol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachloroethane	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Nitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Isophorone	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Nitrophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Naphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4-Chloroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Dimethylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
3-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W2					
2,4-Dinitrophenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4-Nitrophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Dibenzofuran	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Diethylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Pentachlorophenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Carbazole	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Benzidine	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*18 - 86*				
Phenol-d6	*41*	*10 - 88*				
Nitrobenzene-d5	*76*	*37 - 112*				
2-Fluorobiphenyl	*92*	*42 - 108*				
2,4,6-Tribromophenol	*108*	*39 - 118*				
Terphenyl-d14	*83*	*49 - 122*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1216W2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**15.5**	**13.3**	40.0	40.0	39	33	26 - 60	15	29	
2-Chlorophenol	**29.6**	**24.4**	40.0	40.0	74	61	46 - 104	19	34	
1,4-Dichlorobenzene	**13.0**	**10.6**	20.0	20.0	65	53	46 - 92	20	29	
n-Nitroso-di-n-propylamine	**12.1**	**10.2**	20.0	20.0	61	51	30 - 102	17	25	
1,2,4-Trichlorobenzene	**18.3**	**15.4**	20.0	20.0	92	77	45 - 92	17	25	
4-Chloro-3-methylphenol	**34.4**	**32.1**	40.0	40.0	86	80	53 - 104	7	18	
Acenaphthene	**16.0**	**14.6**	20.0	20.0	80	73	57 - 95	9	15	
4-Nitrophenol	**22.4**	**20.8**	40.0	40.0	56	52	21 - 75	7	33	
2,4-Dinitrotoluene	**21.4**	**20.3**	20.0	20.0	107	102	60 - 108	5	20	
Pentachlorophenol	**26.3**	**25.2**	40.0	40.0	66	63	48 - 119	4	31	
Pyrene	**13.8**	**13.3**	20.0	20.0	69	67	62 - 111	4	19	
Surrogate:										
2-Fluorophenol					*58*	*46*	*18 - 86*			
Phenol-d6					*42*	*34*	*10 - 88*			
Nitrobenzene-d5					*73*	*61*	*37 - 112*			
2-Fluorobiphenyl					*90*	*79*	*42 - 108*			
2,4,6-Tribromophenol					*103*	*100*	*39 - 118*			
Terphenyl-d14					*80*	*78*	*49 - 122*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S2					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Pyridine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Phenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Aniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Chlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Benzyl alcohol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachloroethane	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Nitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Isophorone	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Nitrophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4-Chloroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachlorobutadiene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Chloronaphthalene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Dimethylphthalate	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
3-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S2					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4-Nitrophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Dibenzofuran	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Diethylphthalate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Nitroaniline	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Hexachlorobenzene	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Pentachlorophenol	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Carbazole	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Di-n-butylphthalate	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzidine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Butylbenzylphthalate	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.33	EPA 8270	12-19-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270	12-19-11	12-20-11	
Di-n-octylphthalate	**ND**	0.033	EPA 8270	12-19-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*85*	*30 - 97*				
Phenol-d6	*80*	*40 - 104*				
Nitrobenzene-d5	*74*	*35 - 102*				
2-Fluorobiphenyl	*92*	*44 - 97*				
2,4,6-Tribromophenol	*103*	*41 - 110*				
Terphenyl-d14	*79*	*53 - 107*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1219S2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.925**	**0.950**	1.33	1.33	70	71	31 - 111	3	34	
2-Chlorophenol	**1.04**	**1.06**	1.33	1.33	78	80	29 - 112	2	37	
1,4-Dichlorobenzene	**0.522**	**0.528**	0.667	0.667	78	79	24 - 100	1	37	
n-Nitroso-di-n-propylamine	**0.396**	**0.405**	0.667	0.667	59	61	35 - 104	2	32	
1,2,4-Trichlorobenzene	**0.685**	**0.713**	0.667	0.667	103	107	29 - 110	4	35	
4-Chloro-3-methylphenol	**1.13**	**1.19**	1.33	1.33	85	89	53 - 104	5	25	
Acenaphthene	**0.544**	**0.563**	0.667	0.667	82	84	50 - 95	3	23	
4-Nitrophenol	**1.22**	**1.30**	1.33	1.33	92	98	42 - 126	6	30	
2,4-Dinitrotoluene	**0.722**	**0.749**	0.667	0.667	108	112	53 - 115	4	31	
Pentachlorophenol	**0.939**	**1.03**	1.33	1.33	71	77	50 - 116	9	30	
Pyrene	**0.446**	**0.468**	0.667	0.667	67	70	57 - 120	5	27	
Surrogate:										
2-Fluorophenol					*83*	*82*	*30 - 97*			
Phenol-d6					*76*	*78*	*40 - 104*			
Nitrobenzene-d5					*72*	*74*	*35 - 102*			
2-Fluorobiphenyl					*91*	*91*	*44 - 97*			
2,4,6-Tribromophenol					*105*	*111*	*41 - 110*			
Terphenyl-d14					*78*	*82*	*53 - 107*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*43 - 109*				
Pyrene-d10	*85*	*38 - 128*				
Terphenyl-d14	*77*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-110-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0546**	**0.0593**	0.0833	0.0833	ND	66	71	39 - 110	8	21	
Acenaphthylene	**0.0530**	**0.0593**	0.0833	0.0833	ND	64	71	47 - 124	11	21	
Acenaphthene	**0.0489**	**0.0560**	0.0833	0.0833	ND	59	67	50 - 120	14	20	
Fluorene	**0.0487**	**0.0568**	0.0833	0.0833	ND	58	68	52 - 126	15	21	
Phenanthrene	**0.0478**	**0.0551**	0.0833	0.0833	ND	57	66	41 - 130	14	22	
Anthracene	**0.0473**	**0.0554**	0.0833	0.0833	ND	57	67	48 - 124	16	23	
Fluoranthene	**0.0495**	**0.0581**	0.0833	0.0833	ND	59	70	40 - 137	16	23	
Pyrene	**0.0487**	**0.0579**	0.0833	0.0833	ND	58	70	36 - 139	17	23	
Benzo[a]anthracene	**0.0496**	**0.0593**	0.0833	0.0833	ND	60	71	43 - 127	18	21	
Chrysene	**0.0476**	**0.0570**	0.0833	0.0833	ND	57	68	41 - 133	18	19	
Benzo[b]fluoranthene	**0.0452**	**0.0555**	0.0833	0.0833	ND	54	67	40 - 132	20	25	
Benzo(j,k)fluoranthene	**0.0436**	**0.0526**	0.0833	0.0833	ND	52	63	35 - 132	19	25	
Benzo[a]pyrene	**0.0471**	**0.0563**	0.0833	0.0833	ND	57	68	37 - 131	18	26	
Indeno(1,2,3-c,d)pyrene	**0.0444**	**0.0541**	0.0833	0.0833	ND	53	65	39 - 134	20	23	
Dibenz[a,h]anthracene	**0.0457**	**0.0553**	0.0833	0.0833	ND	55	66	40 - 137	19	21	
Benzo[g,h,i]perylene	**0.0456**	**0.0550**	0.0833	0.0833	ND	55	66	35 - 135	19	22	
Surrogate:											
2-Fluorobiphenyl						*54*	*60*	*43 - 109*			
Pyrene-d10						*56*	*67*	*38 - 128*			
Terphenyl-d14						*53*	*63*	*33 - 119*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216W1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*36-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1216W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.387**	**0.430**	0.500	0.500	N/A	**77**	**86**	57-122	11	11	
Surrogate:											
DCB						*80*	*85*	*36-127*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1215S1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*42-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-099-07										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.534**	**0.460**	0.500	0.500	ND	**107**	**92**	44-125	15	15	
Surrogate:											
DCB						*96*	*83*	*42-123*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	12-16-11
Date Analyzed:	12-16-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1216WM1&MB1216W1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Barium	200.8	**ND**	28
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.6
Silver	200.8	**ND**	11

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-16-11
Date Analyzed: 12-16-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.3	
Barium	**ND**	**ND**	NA	28	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**ND**	**ND**	NA	11	
Lead	**ND**	**ND**	NA	1.1	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.6	
Silver	**ND**	**ND**	NA	11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Extracted: 12-16-11
Date Analyzed: 12-16-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	111	**108**	97	**109**	98	1	
Barium	111	**113**	102	**115**	104	1	
Cadmium	111	**105**	95	**106**	95	1	
Chromium	111	**113**	102	**113**	102	0	
Lead	111	**111**	100	**111**	100	0	
Mercury	12.5	**12.0**	96	**12.2**	97	2	
Selenium	111	**101**	91	**105**	94	3	
Silver	111	**100**	90	**103**	92	3	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Filtered:	12-14-11
Date Analyzed:	12-15&20-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1214F1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.0
Barium	200.8	**ND**	25
Cadmium	200.8	**ND**	4.0
Chromium	200.8	**ND**	10
Lead	200.8	**ND**	1.0
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.0
Silver	200.8	**ND**	10

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Filtered: 12-14-11
Date Analyzed: 12-15&20-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.0	
Barium	**ND**	**ND**	NA	25	
Cadmium	**ND**	**ND**	NA	4.0	
Chromium	**ND**	**ND**	NA	10	
Lead	**ND**	**ND**	NA	1.0	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.0	
Silver	**ND**	**ND**	NA	10	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Filtered: 12-14-11
Date Analyzed: 12-15&20-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	**209**	105	**205**	102	2	
Barium	200	**205**	102	**207**	104	1	
Cadmium	200	**207**	104	**204**	102	2	
Chromium	200	**188**	94	**188**	94	0	
Lead	200	**201**	101	**195**	98	3	
Mercury	12.5	**12.2**	98	**12.1**	97	1	
Selenium	200	**209**	104	**210**	105	1	
Silver	200	**180**	90	**181**	91	1	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1219SM1&MB1219S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**ND**	2.5
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.50

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-17

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**42.3**	**47.4**	11	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**26.3**	**27.9**	6	0.50	
Lead	**21.6**	**22.6**	5	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
MS/MSD QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-17

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**88.7**	89	**89.0**	89	0	
Barium	100	**142**	100	**140**	97	2	
Cadmium	50.0	**47.0**	94	**47.2**	94	0	
Chromium	100	**119**	92	**121**	94	2	
Lead	250	**253**	93	**241**	88	5	
Mercury	0.500	**0.512**	102	**0.490**	98	4	
Selenium	100	**91.6**	92	**92.3**	92	1	
Silver	25.0	**21.0**	84	**21.1**	84	0	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-099
Project: 0180-292-00

% MOISTURE

Date Analyzed: 12-15-11

Client ID	Lab ID	% Moisture
SED3	12-099-03	35
SED4	12-099-04	37
SED5	12-099-05	25
SED6	12-099-06	33
SED7	12-099-07	12
SED8	12-099-08	24

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

Company: GeoEngineers
Project Number: 0180-292-00
Project Name: WSDOT - Midway Metals
Project Manager: Aaron Waggoner
Sampled by: JCD

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: 12-099

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx w/ Silica Gel Cleanup	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs) Hold SVOCs	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals + Dissolved	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	1410LD				% Moisture
1	SW2	12/13/11	1310	W	13			X	X	X		●		X				X								
2	SED2		1335	S	5			X	X	X		X		X				X 12/14			X					
3	SED3		1405	S				X	X	X		X	●	X				X								X
4	SED4		1415	S				X	X	X		X	●	X				X								
5	SED5		1430	S				X	X	X		● YES		X				X								
6	SED6		1515	S				X	X	X		● YES		X				X								
7	SED7		1535	S				X	X	X		X	●	X				X								
8	SED8		1550	S				X	X	X		X	●	X				X								X

	Signature	Company	Date	Time
Relinquished		GeoEng	12/14/11	1340
Received		Spectrum	12-14-11	1710
Relinquished		Spectrum	12-14	1620
Received		OnSite Env	12/14/11	1620
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

● Added 12/15/11. DB (STA)

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

December 23, 2011

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1112-100

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on December 14, 2011.

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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

Case Narrative

Samples were collected on December 13, 2011 and received by the laboratory on December 14, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

NWTPH Gx and 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.

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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
DP1-W	12-100-01	Water	12-13-11	12-14-11	
SW1	12-100-02	Water	12-13-11	12-14-11	
SED1	12-100-03	Soil	12-13-11	12-14-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP1-W**					
Laboratory ID:	12-100-01					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*73-121*				
Client ID:	**SW1**					
Laboratory ID:	12-100-02					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*73-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED1**					
Laboratory ID:	12-100-03					
Gasoline	**ND**	7.5	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*68-124*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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:	**DP1-W**					
Laboratory ID:	12-100-01					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**SW1**					
Laboratory ID:	12-100-02					
Diesel Range Organics	**ND**	0.29	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.47	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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:	**SED1**					
Laboratory ID:	12-100-03					
Diesel Range Organics	**ND**	35	NWTPH-Dx	12-19-11	12-19-11	
Lube Oil Range Organics	**ND**	70	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
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Project: 0180-292-00

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP1-W**					
Laboratory ID:	12-100-01					
Dichlorodifluoromethane	0.52	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP1-W**					
Laboratory ID:	12-100-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*80*	*68-120*				
Toluene-d8	*83*	*73-120*				
4-Bromofluorobenzene	*83*	*65-120*				

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Project: 0180-292-00

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW1**					
Laboratory ID:	12-100-02					
Dichlorodifluoromethane	0.25	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	0.62	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW1**					
Laboratory ID:	12-100-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*68-120*				
Toluene-d8	*83*	*73-120*				
4-Bromofluorobenzene	*85*	*65-120*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED1**					
Laboratory ID:	12-100-03					
Dichlorodifluoromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0069	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0069	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0069	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0069	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260	12-15-11	12-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED1**					
Laboratory ID:	12-100-03					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0028	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0069	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0069	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*63-127*				
Toluene-d8	*95*	*65-129*				
4-Bromofluorobenzene	*88*	*55-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
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Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP1-W**					
Laboratory ID:	12-100-01					
n-Nitrosodimethylamine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Pyridine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Phenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Aniline	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Chlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Benzyl alcohol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Hexachloroethane	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Nitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Isophorone	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Nitrophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Naphthalene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
4-Chloroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Hexachlorobutadiene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Hexachlorocyclopentadiene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Chloronaphthalene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2-Nitroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Dimethylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Acenaphthylene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
3-Nitroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP1-W**					
Laboratory ID:	12-100-01					
2,4-Dinitrophenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Acenaphthene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
4-Nitrophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Dibenzofuran	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Diethylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Nitroaniline	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Fluorene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
4,6-Dinitro-2-methylphenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Hexachlorobenzene	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Pentachlorophenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Phenanthrene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Carbazole	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Di-n-butylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Fluoranthene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Benzidine	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Pyrene	**ND**	0.095	EPA 8270/SIM	12-16-11	12-16-11	
Butylbenzylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Benzo[a]anthracene	**0.0097**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Di-n-octylphthalate	**ND**	0.95	EPA 8270	12-16-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.0095	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*43*	*18 - 86*				
Phenol-d6	*30*	*10 - 88*				
Nitrobenzene-d5	*64*	*37 - 112*				
2-Fluorobiphenyl	*82*	*42 - 108*				
2,4,6-Tribromophenol	*109*	*39 - 118*				
Terphenyl-d14	*67*	*49 - 122*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW1**					
Laboratory ID:	12-100-02					
Naphthalene	**0.12**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
2-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Acenaphthylene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Acenaphthene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Fluorene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Phenanthrene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Fluoranthene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Pyrene	**ND**	0.098	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]anthracene	**0.010**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*38 - 105*				
Pyrene-d10	*87*	*37 - 121*				
Terphenyl-d14	*100*	*32 - 112*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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:	**SED1**					
Laboratory ID:	12-100-03					
Naphthalene	**0.048**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
2-Methylnaphthalene	**0.022**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
1-Methylnaphthalene	**0.014**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthylene	**ND**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Acenaphthene	**0.021**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Fluorene	**0.014**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Phenanthrene	**0.059**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Anthracene	**ND**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Fluoranthene	**0.030**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Pyrene	**0.040**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]anthracene	**0.011**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Chrysene	**0.016**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[b]fluoranthene	**0.013**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo(j,k)fluoranthene	**ND**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[a]pyrene	**0.012**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Dibenz[a,h]anthracene	**ND**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Benzo[g,h,i]perylene	**0.0096**	0.0094	EPA 8270/SIM	12-19-11	12-20-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*59*	*43 - 109*				
Pyrene-d10	*65*	*38 - 128*				
Terphenyl-d14	*63*	*33 - 119*				

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Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP1-W**					
Laboratory ID:	12-100-01					
Aroclor 1016	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1221	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1232	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1242	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1248	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1254	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1260	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*71*	*36-127*				
Client ID:	**SW1**					
Laboratory ID:	12-100-02					
Aroclor 1016	**ND**	0.049	EPA 8082	12-16-11	12-17-11	
Aroclor 1221	**ND**	0.049	EPA 8082	12-16-11	12-17-11	
Aroclor 1232	**ND**	0.049	EPA 8082	12-16-11	12-17-11	
Aroclor 1242	**0.074**	0.049	EPA 8082	12-16-11	12-17-11	
Aroclor 1248	**ND**	0.049	EPA 8082	12-16-11	12-17-11	
Aroclor 1254	**ND**	0.049	EPA 8082	12-16-11	12-17-11	
Aroclor 1260	**ND**	0.049	EPA 8082	12-16-11	12-17-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*36-127*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
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Project: 0180-292-00

PCBs by EPA 8082

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SED1**					
Laboratory ID:	12-100-03					
Aroclor 1016	**ND**	0.070	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.070	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.070	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.070	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.070	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**0.13**	0.070	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.070	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*42-123*				

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Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-100-01					
Client ID:	**DP1-W**					
Arsenic	**18**	3.3	200.8	12-16-11	12-16-11	
Barium	**30**	28	200.8	12-16-11	12-16-11	
Cadmium	**ND**	4.4	200.8	12-16-11	12-16-11	
Chromium	**26**	11	200.8	12-16-11	12-16-11	
Lead	**ND**	1.1	200.8	12-16-11	12-16-11	
Mercury	**ND**	0.50	7470A	12-16-11	12-16-11	
Selenium	**ND**	5.6	200.8	12-16-11	12-16-11	
Silver	**ND**	11	200.8	12-16-11	12-16-11	
Lab ID:	12-100-02					
Client ID:	**SW1**					
Arsenic	**ND**	3.3	200.8	12-16-11	12-16-11	
Barium	**41**	28	200.8	12-16-11	12-16-11	
Cadmium	**ND**	4.4	200.8	12-16-11	12-16-11	
Chromium	**ND**	11	200.8	12-16-11	12-16-11	
Lead	**7.4**	1.1	200.8	12-16-11	12-16-11	
Mercury	**ND**	0.50	7470A	12-16-11	12-16-11	
Selenium	**ND**	5.6	200.8	12-16-11	12-16-11	
Silver	**ND**	11	200.8	12-16-11	12-16-11	

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Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-100-01					
Client ID:	**DP1-W**					
Arsenic	**21**	3.0	200.8		12-15-11	
Barium	**ND**	25	200.8		12-15-11	
Cadmium	**ND**	4.0	200.8		12-15-11	
Chromium	**22**	10	200.8		12-15-11	
Lead	**ND**	1.0	200.8		12-15-11	
Mercury	**ND**	0.50	7470A		12-20-11	
Selenium	**ND**	5.0	200.8		12-15-11	
Silver	**ND**	10	200.8		12-15-11	
Lab ID:	12-100-02					
Client ID:	**SW1**					
Arsenic	**ND**	3.0	200.8	12-14-11	12-15-11	
Barium	**31**	25	200.8	12-14-11	12-15-11	
Cadmium	**ND**	4.0	200.8	12-14-11	12-15-11	
Chromium	**ND**	10	200.8	12-14-11	12-15-11	
Lead	**1.4**	1.0	200.8	12-14-11	12-15-11	
Mercury	**ND**	0.50	7470A	12-14-11	12-20-11	
Selenium	**ND**	5.0	200.8	12-14-11	12-15-11	
Silver	**ND**	10	200.8	12-14-11	12-15-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-100-03					
Client ID:	**SED1**					
Arsenic	**ND**	14	6010B	12-19-11	12-19-11	
Barium	**85**	3.5	6010B	12-19-11	12-19-11	
Cadmium	**ND**	0.70	6010B	12-19-11	12-19-11	
Chromium	**36**	0.70	6010B	12-19-11	12-19-11	
Lead	**17**	7.0	6010B	12-19-11	12-19-11	
Mercury	**ND**	0.35	7471A	12-19-11	12-19-11	
Selenium	**ND**	14	6010B	12-19-11	12-19-11	
Silver	**ND**	0.70	6010B	12-19-11	12-19-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
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Project: 0180-292-00

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1215W2					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*73-121*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-100-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*91*	*90*	*73-121*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
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Project: 0180-292-00

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216S2					
Gasoline	**ND**	5.0	NWTPH-Gx	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*68-124*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-100-03										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*102*	*106*	*68-124*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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:	MB1221W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-105-02						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*100* *105*	*50-150*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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:	MB1219S1					
Mineral Oil	**ND**	25	NWTPH-Dx	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*120*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-110-05						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*104* *102*	*50-150*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*68-120*				
Toluene-d8	*90*	*73-120*				
4-Bromofluorobenzene	*88*	*65-120*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1215W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**11.0**	**10.4**	10.0	10.0	110	104	70-130	6	11	
Benzene	**9.09**	**8.95**	10.0	10.0	91	90	75-123	2	8	
Trichloroethene	**10.1**	**10.3**	10.0	10.0	101	103	80-113	2	9	
Toluene	**9.74**	**9.71**	10.0	10.0	97	97	80-113	0	8	
Chlorobenzene	**10.8**	**10.5**	10.0	10.0	108	105	80-111	3	8	
Surrogate:										
Dibromofluoromethane					*77*	*77*	*68-120*			
Toluene-d8					*82*	*85*	*73-120*			
4-Bromofluorobenzene					*79*	*85*	*65-120*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Acetone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Toluene	ND	0.0050	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-15-11	12-15-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*63-127*				
Toluene-d8	*98*	*65-129*				
4-Bromofluorobenzene	*96*	*55-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1215S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0573**	**0.0584**	0.0500	0.0500	115	117	70-130	2	19	
Benzene	**0.0499**	**0.0504**	0.0500	0.0500	100	101	70-125	1	15	
Trichloroethene	**0.0474**	**0.0476**	0.0500	0.0500	95	95	70-122	0	14	
Toluene	**0.0493**	**0.0495**	0.0500	0.0500	99	99	73-120	0	16	
Chlorobenzene	**0.0451**	**0.0451**	0.0500	0.0500	90	90	74-109	0	12	
Surrogate:										
Dibromofluoromethane					*85*	*84*	*63-127*			
Toluene-d8					*94*	*90*	*65-129*			
4-Bromofluorobenzene					*91*	*84*	*55-121*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W2					
n-Nitrosodimethylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Pyridine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Phenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Aniline	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Chlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzyl alcohol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachloroethane	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Nitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Isophorone	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Nitrophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Naphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4-Chloroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Dimethylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
3-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W2					
2,4-Dinitrophenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4-Nitrophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Dibenzofuran	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Diethylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Pentachlorophenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Carbazole	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Benzidine	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*18 - 86*				
Phenol-d6	*41*	*10 - 88*				
Nitrobenzene-d5	*76*	*37 - 112*				
2-Fluorobiphenyl	*92*	*42 - 108*				
2,4,6-Tribromophenol	*108*	*39 - 118*				
Terphenyl-d14	*83*	*49 - 122*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1216W2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**15.5**	**13.3**	40.0	40.0	39	33	26 - 60	15	29	
2-Chlorophenol	**29.6**	**24.4**	40.0	40.0	74	61	46 - 104	19	34	
1,4-Dichlorobenzene	**13.0**	**10.6**	20.0	20.0	65	53	46 - 92	20	29	
n-Nitroso-di-n-propylamine	**12.1**	**10.2**	20.0	20.0	61	51	30 - 102	17	25	
1,2,4-Trichlorobenzene	**18.3**	**15.4**	20.0	20.0	92	77	45 - 92	17	25	
4-Chloro-3-methylphenol	**34.4**	**32.1**	40.0	40.0	86	80	53 - 104	7	18	
Acenaphthene	**16.0**	**14.6**	20.0	20.0	80	73	57 - 95	9	15	
4-Nitrophenol	**22.4**	**20.8**	40.0	40.0	56	52	21 - 75	7	33	
2,4-Dinitrotoluene	**21.4**	**20.3**	20.0	20.0	107	102	60 - 108	5	20	
Pentachlorophenol	**26.3**	**25.2**	40.0	40.0	66	63	48 - 119	4	31	
Pyrene	**13.8**	**13.3**	20.0	20.0	69	67	62 - 111	4	19	
Surrogate:										
2-Fluorophenol					*58*	*46*	*18 - 86*			
Phenol-d6					*42*	*34*	*10 - 88*			
Nitrobenzene-d5					*73*	*61*	*37 - 112*			
2-Fluorobiphenyl					*90*	*79*	*42 - 108*			
2,4,6-Tribromophenol					*103*	*100*	*39 - 118*			
Terphenyl-d14					*80*	*78*	*49 - 122*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*38 - 105*				
Pyrene-d10	*74*	*37 - 121*				
Terphenyl-d14	*87*	*32 - 112*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1216W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.412**	**0.448**	0.500	0.500	82	90	38 - 110	8	35	
Acenaphthylene	**0.510**	**0.541**	0.500	0.500	102	108	47 - 120	6	30	
Acenaphthene	**0.470**	**0.507**	0.500	0.500	94	101	46 - 113	8	26	
Fluorene	**0.465**	**0.492**	0.500	0.500	93	98	60 - 104	6	25	
Phenanthrene	**0.435**	**0.473**	0.500	0.500	87	95	61 - 99	8	19	
Anthracene	**0.458**	**0.499**	0.500	0.500	92	100	55 - 122	9	19	
Fluoranthene	**0.448**	**0.488**	0.500	0.500	90	98	58 - 129	9	18	
Pyrene	**0.438**	**0.532**	0.500	0.500	88	106	57 - 126	19	22	
Benzo[a]anthracene	**0.441**	**0.478**	0.500	0.500	88	96	51 - 124	8	18	
Chrysene	**0.434**	**0.478**	0.500	0.500	87	96	53 - 123	10	20	
Benzo[b]fluoranthene	**0.449**	**0.503**	0.500	0.500	90	101	53 - 126	11	18	
Benzo(j,k)fluoranthene	**0.443**	**0.474**	0.500	0.500	89	95	51 - 126	7	23	
Benzo[a]pyrene	**0.472**	**0.514**	0.500	0.500	94	103	52 - 127	9	21	
Indeno(1,2,3-c,d)pyrene	**0.444**	**0.489**	0.500	0.500	89	98	49 - 123	10	26	
Dibenz[a,h]anthracene	**0.435**	**0.479**	0.500	0.500	87	96	39 - 125	10	31	
Benzo[g,h,i]perylene	**0.421**	**0.464**	0.500	0.500	84	93	40 - 125	10	30	
Surrogate:										
2-Fluorobiphenyl					*81*	*85*	*38 - 105*			
Pyrene-d10					*83*	*90*	*37 - 121*			
Terphenyl-d14					*104*	*108*	*32 - 112*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1219S1					
Naphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Acenaphthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluorene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Phenanthrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Chrysene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270/SIM	12-19-11	12-19-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*43 - 109*				
Pyrene-d10	*85*	*38 - 128*				
Terphenyl-d14	*77*	*33 - 119*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

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

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-110-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0546**	**0.0593**	0.0833	0.0833	ND	66	71	39 - 110	8	21	
Acenaphthylene	**0.0530**	**0.0593**	0.0833	0.0833	ND	64	71	47 - 124	11	21	
Acenaphthene	**0.0489**	**0.0560**	0.0833	0.0833	ND	59	67	50 - 120	14	20	
Fluorene	**0.0487**	**0.0568**	0.0833	0.0833	ND	58	68	52 - 126	15	21	
Phenanthrene	**0.0478**	**0.0551**	0.0833	0.0833	ND	57	66	41 - 130	14	22	
Anthracene	**0.0473**	**0.0554**	0.0833	0.0833	ND	57	67	48 - 124	16	23	
Fluoranthene	**0.0495**	**0.0581**	0.0833	0.0833	ND	59	70	40 - 137	16	23	
Pyrene	**0.0487**	**0.0579**	0.0833	0.0833	ND	58	70	36 - 139	17	23	
Benzo[a]anthracene	**0.0496**	**0.0593**	0.0833	0.0833	ND	60	71	43 - 127	18	21	
Chrysene	**0.0476**	**0.0570**	0.0833	0.0833	ND	57	68	41 - 133	18	19	
Benzo[b]fluoranthene	**0.0452**	**0.0555**	0.0833	0.0833	ND	54	67	40 - 132	20	25	
Benzo(j,k)fluoranthene	**0.0436**	**0.0526**	0.0833	0.0833	ND	52	63	35 - 132	19	25	
Benzo[a]pyrene	**0.0471**	**0.0563**	0.0833	0.0833	ND	57	68	37 - 131	18	26	
Indeno(1,2,3-c,d)pyrene	**0.0444**	**0.0541**	0.0833	0.0833	ND	53	65	39 - 134	20	23	
Dibenz[a,h]anthracene	**0.0457**	**0.0553**	0.0833	0.0833	ND	55	66	40 - 137	19	21	
Benzo[g,h,i]perylene	**0.0456**	**0.0550**	0.0833	0.0833	ND	55	66	35 - 135	19	22	
Surrogate:											
2-Fluorobiphenyl						*54*	*60*	*43 - 109*			
Pyrene-d10						*56*	*67*	*38 - 128*			
Terphenyl-d14						*53*	*63*	*33 - 119*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216W1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*36-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1216W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.387**	**0.430**	0.500	0.500	N/A	**77**	**86**	57-122	11	11	
Surrogate:											
DCB						*80*	*85*	*36-127*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1215S1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-15-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*42-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-099-07										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.534**	**0.460**	0.500	0.500	ND	**107**	**92**	44-125	15	15	
Surrogate:											
DCB						*96*	*83*	*42-123*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	12-16-11
Date Analyzed:	12-16-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1216WM1&MB1216W1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Barium	200.8	**ND**	28
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.6
Silver	200.8	**ND**	11

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-16-11
Date Analyzed: 12-16-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.3	
Barium	**ND**	**ND**	NA	28	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**ND**	**ND**	NA	11	
Lead	**ND**	**ND**	NA	1.1	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.6	
Silver	**ND**	**ND**	NA	11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Extracted: 12-16-11
Date Analyzed: 12-16-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	111	**108**	97	**109**	98	1	
Barium	111	**113**	102	**115**	104	1	
Cadmium	111	**105**	95	**106**	95	1	
Chromium	111	**113**	102	**113**	102	0	
Lead	111	**111**	100	**111**	100	0	
Mercury	12.5	**12.0**	96	**12.2**	97	2	
Selenium	111	**101**	91	**105**	94	3	
Silver	111	**100**	90	**103**	92	3	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Filtered:	12-14-11
Date Analyzed:	12-15&20-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1214F1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.0
Barium	200.8	**ND**	25
Cadmium	200.8	**ND**	4.0
Chromium	200.8	**ND**	10
Lead	200.8	**ND**	1.0
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.0
Silver	200.8	**ND**	10

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Filtered: 12-14-11
Date Analyzed: 12-15&20-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.0	
Barium	**ND**	**ND**	NA	25	
Cadmium	**ND**	**ND**	NA	4.0	
Chromium	**ND**	**ND**	NA	10	
Lead	**ND**	**ND**	NA	1.0	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.0	
Silver	**ND**	**ND**	NA	10	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Filtered: 12-14-11
Date Analyzed: 12-15&20-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	**209**	105	**205**	102	2	
Barium	200	**205**	102	**207**	104	1	
Cadmium	200	**207**	104	**204**	102	2	
Chromium	200	**188**	94	**188**	94	0	
Lead	200	**201**	101	**195**	98	3	
Mercury	12.5	**12.2**	98	**12.1**	97	1	
Selenium	200	**209**	104	**210**	105	1	
Silver	200	**180**	90	**181**	91	1	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB1219SM1&MB1219S1

Analyte	Method	Result	PQL
Arsenic	6010B	**ND**	10
Barium	6010B	**ND**	2.5
Cadmium	6010B	**ND**	0.50
Chromium	6010B	**ND**	0.50
Lead	6010B	**ND**	5.0
Mercury	7471A	**ND**	0.25
Selenium	6010B	**ND**	10
Silver	6010B	**ND**	0.50

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-17

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	10	
Barium	**42.3**	**47.4**	11	2.5	
Cadmium	**ND**	**ND**	NA	0.50	
Chromium	**26.3**	**27.9**	6	0.50	
Lead	**21.6**	**22.6**	5	5.0	
Mercury	**ND**	**ND**	NA	0.25	
Selenium	**ND**	**ND**	NA	10	
Silver	**ND**	**ND**	NA	0.50	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

TOTAL METALS
EPA 6010B/7471A
MS/MSD QUALITY CONTROL

Date Extracted: 12-19-11
Date Analyzed: 12-19-11

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 12-098-17

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	**88.7**	89	**89.0**	89	0	
Barium	100	**142**	100	**140**	97	2	
Cadmium	50.0	**47.0**	94	**47.2**	94	0	
Chromium	100	**119**	92	**121**	94	2	
Lead	250	**253**	93	**241**	88	5	
Mercury	0.500	**0.512**	102	**0.490**	98	4	
Selenium	100	**91.6**	92	**92.3**	92	1	
Silver	25.0	**21.0**	84	**21.1**	84	0	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-100
Project: 0180-292-00

% MOISTURE

Date Analyzed: 12-15-11

Client ID	Lab ID	% Moisture
SED1	12-100-03	29

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

Company: GeoEngineers
Project Number: 0180-292-00
Project Name: WSDOT - Midway Metals
Project Manager: Aaron Waggoner
Sampled by: JCD

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: 12-100

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx w/Silica Gel Clean up	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM with low-level PAHs) Hold Slurry	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals + Dissolved	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	DP1-W	12/13/11	1020	W	13			X	X	X		●		X				X				
2	SW1	↓	1220	W	↓			X	X	X		●	●	X				X				
3	SED1	↓	1240	S	5			X	X	X		●	●	X				X				X

	Signature	Company	Date	Time
Relinquished		Geo	12/14/11	1340
Received		Specs	12-14-11	1410
Relinquished		Specs	12-14-11	1620
Received		OnSite Env	12/14/11	1620
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

● Added 12/15/11. DB (STA)

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

December 23, 2011

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1112-101

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on December 14, 2011.

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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

Case Narrative

Samples were collected on December 14, 2011 and received by the laboratory on December 14, 2011. They were maintained at the laboratory at a temperature of 2^{o}C to 6^{o}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: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Well1-W	12-101-01	Water	12-14-11	12-14-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Well1-W**					
Laboratory ID:	12-101-01					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*73-121*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

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:	**Well1-W**					
Laboratory ID:	12-101-01					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Well1-W**					
Laboratory ID:	12-101-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

VOLATILES by EPA 8260B
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Well1-W**					
Laboratory ID:	12-101-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*68-120*				
Toluene-d8	*82*	*73-120*				
4-Bromofluorobenzene	*84*	*65-120*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Well1-W**					
Laboratory ID:	12-101-01					
n-Nitrosodimethylamine	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Pyridine	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Phenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Aniline	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2-Chlorophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,3-Dichlorobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,4-Dichlorobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Benzyl alcohol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,2-Dichlorobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Hexachloroethane	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Nitrobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Isophorone	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2-Nitrophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,4-Dimethylphenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,4-Dichlorophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Naphthalene	**0.19**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
4-Chloroaniline	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Hexachlorobutadiene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2-Methylnaphthalene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
Hexachlorocyclopentadiene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,3-Dichloroaniline	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2-Chloronaphthalene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2-Nitroaniline	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,4-Dinitrobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Dimethylphthalate	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,3-Dinitrobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,6-Dinitrotoluene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,2-Dinitrobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Acenaphthylene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
3-Nitroaniline	**ND**	0.96	EPA 8270	12-16-11	12-20-11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Well1-W**					
Laboratory ID:	12-101-01					
2,4-Dinitrophenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Acenaphthene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
4-Nitrophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,4-Dinitrotoluene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Dibenzofuran	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Diethylphthalate	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
4-Nitroaniline	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Fluorene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
4,6-Dinitro-2-methylphenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Hexachlorobenzene	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Pentachlorophenol	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Phenanthrene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
Carbazole	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Di-n-butylphthalate	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Fluoranthene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
Benzidine	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
Pyrene	**ND**	0.096	EPA 8270/SIM	12-16-11	12-16-11	
Butylbenzylphthalate	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	4.8	EPA 8270	12-16-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
bis(2-Ethylhexyl)phthalate	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Di-n-octylphthalate	**ND**	0.96	EPA 8270	12-16-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*50*	*18 - 86*				
Phenol-d6	*34*	*10 - 88*				
Nitrobenzene-d5	*67*	*37 - 112*				
2-Fluorobiphenyl	*86*	*42 - 108*				
2,4,6-Tribromophenol	*111*	*39 - 118*				
Terphenyl-d14	*79*	*49 - 122*				

Date of Report: December 23, 2011
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Laboratory Reference: 1112-101
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PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Well1-W**					
Laboratory ID:	12-101-01					
Aroclor 1016	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1221	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1232	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1242	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1248	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1254	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Aroclor 1260	**ND**	0.048	EPA 8082	12-16-11	12-17-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*36-127*				

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TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-101-01					
Client ID:	**Well1-W**					
Arsenic	**ND**	3.3	200.8	12-16-11	12-16-11	
Barium	**ND**	28	200.8	12-16-11	12-16-11	
Cadmium	**ND**	4.4	200.8	12-16-11	12-16-11	
Chromium	**ND**	11	200.8	12-16-11	12-16-11	
Lead	**ND**	1.1	200.8	12-16-11	12-16-11	
Mercury	**ND**	0.50	7470A	12-16-11	12-16-11	
Selenium	**ND**	5.6	200.8	12-16-11	12-16-11	
Silver	**ND**	11	200.8	12-16-11	12-16-11	

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DISSOLVED METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	12-101-01					
Client ID:	**Well1-W**					
Arsenic	**ND**	3.0	200.8		12-15-11	
Barium	**ND**	25	200.8		12-15-11	
Cadmium	**ND**	4.0	200.8		12-15-11	
Chromium	**ND**	10	200.8		12-15-11	
Lead	**ND**	1.0	200.8		12-15-11	
Mercury	**ND**	0.50	7470A		12-20-11	
Selenium	**ND**	5.0	200.8		12-15-11	
Silver	**ND**	10	200.8		12-15-11	

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NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1215W2					
Gasoline	**ND**	100	NWTPH-Gx	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*73-121*				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	12-100-01								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*91* *90*	*73-121*			

Date of Report: December 23, 2011
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Project: 0180-292-00

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:	MB1221W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-21-11	12-21-11	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-21-11	12-21-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	12-101-01						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			*101* *104*	*50-150*			

Date of Report: December 23, 2011
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Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloromethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Acetone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Iodomethane	ND	1.0	EPA 8260	12-15-11	12-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methylene Chloride	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-15-11	12-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Butanone	ND	5.0	EPA 8260	12-15-11	12-15-11	
Bromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chloroform	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Benzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Trichloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Dibromomethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-15-11	12-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Toluene	ND	1.0	EPA 8260	12-15-11	12-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-15-11	12-15-11	

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VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1215W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Hexanone	ND	2.0	EPA 8260	12-15-11	12-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Chlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
Ethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
m,p-Xylene	ND	0.40	EPA 8260	12-15-11	12-15-11	
o-Xylene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Styrene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromoform	ND	1.0	EPA 8260	12-15-11	12-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Bromobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Naphthalene	ND	1.0	EPA 8260	12-15-11	12-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-15-11	12-15-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*68-120*				
Toluene-d8	*90*	*73-120*				
4-Bromofluorobenzene	*88*	*65-120*				

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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1215W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**11.0**	**10.4**	10.0	10.0	110	104	70-130	6	11	
Benzene	**9.09**	**8.95**	10.0	10.0	91	90	75-123	2	8	
Trichloroethene	**10.1**	**10.3**	10.0	10.0	101	103	80-113	2	9	
Toluene	**9.74**	**9.71**	10.0	10.0	97	97	80-113	0	8	
Chlorobenzene	**10.8**	**10.5**	10.0	10.0	108	105	80-111	3	8	
Surrogate:										
Dibromofluoromethane					*77*	*77*	*68-120*			
Toluene-d8					*82*	*85*	*73-120*			
4-Bromofluorobenzene					*79*	*85*	*65-120*			

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SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W2					
n-Nitrosodimethylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Pyridine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Phenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Aniline	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Chlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzyl alcohol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
n-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachloroethane	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Nitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Isophorone	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Nitrophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Naphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4-Chloroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Dimethylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
3-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	

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METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1216W2					
2,4-Dinitrophenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4-Nitrophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Dibenzofuran	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Diethylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Nitroaniline	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Fluorene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
n-Nitrosodiphenylamine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Hexachlorobenzene	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Pentachlorophenol	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Anthracene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Carbazole	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Benzidine	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
Pyrene	**ND**	0.10	EPA 8270/SIM	12-16-11	12-16-11	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
bis-2-Ethylhexyladipate	**ND**	5.0	EPA 8270	12-16-11	12-20-11	
3,3'-Dichlorobenzidine	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Chrysene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	12-16-11	12-20-11	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*18 - 86*				
Phenol-d6	*41*	*10 - 88*				
Nitrobenzene-d5	*76*	*37 - 112*				
2-Fluorobiphenyl	*92*	*42 - 108*				
2,4,6-Tribromophenol	*108*	*39 - 118*				
Terphenyl-d14	*83*	*49 - 122*				

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1216W2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**15.5**	**13.3**	40.0	40.0	39	33	26 - 60	15	29	
2-Chlorophenol	**29.6**	**24.4**	40.0	40.0	74	61	46 - 104	19	34	
1,4-Dichlorobenzene	**13.0**	**10.6**	20.0	20.0	65	53	46 - 92	20	29	
n-Nitroso-di-n-propylamine	**12.1**	**10.2**	20.0	20.0	61	51	30 - 102	17	25	
1,2,4-Trichlorobenzene	**18.3**	**15.4**	20.0	20.0	92	77	45 - 92	17	25	
4-Chloro-3-methylphenol	**34.4**	**32.1**	40.0	40.0	86	80	53 - 104	7	18	
Acenaphthene	**16.0**	**14.6**	20.0	20.0	80	73	57 - 95	9	15	
4-Nitrophenol	**22.4**	**20.8**	40.0	40.0	56	52	21 - 75	7	33	
2,4-Dinitrotoluene	**21.4**	**20.3**	20.0	20.0	107	102	60 - 108	5	20	
Pentachlorophenol	**26.3**	**25.2**	40.0	40.0	66	63	48 - 119	4	31	
Pyrene	**13.8**	**13.3**	20.0	20.0	69	67	62 - 111	4	19	
Surrogate:										
2-Fluorophenol					*58*	*46*	*18 - 86*			
Phenol-d6					*42*	*34*	*10 - 88*			
Nitrobenzene-d5					*73*	*61*	*37 - 112*			
2-Fluorobiphenyl					*90*	*79*	*42 - 108*			
2,4,6-Tribromophenol					*103*	*100*	*39 - 118*			
Terphenyl-d14					*80*	*78*	*49 - 122*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216W1					
Aroclor 1016	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1221	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1232	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1242	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1248	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1254	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Aroclor 1260	**ND**	0.050	EPA 8082	12-16-11	12-16-11	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*36-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1216W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.387**	**0.430**	0.500	0.500	N/A	**77**	**86**	57-122	11	11	
Surrogate:											
DCB						*80*	*85*	*36-127*			

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	12-16-11
Date Analyzed:	12-16-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1216WM1&MB1216W1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Barium	200.8	**ND**	28
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	11
Lead	200.8	**ND**	1.1
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.6
Silver	200.8	**ND**	11

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 12-16-11
Date Analyzed: 12-16-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.3	
Barium	**ND**	**ND**	NA	28	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**ND**	**ND**	NA	11	
Lead	**ND**	**ND**	NA	1.1	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.6	
Silver	**ND**	**ND**	NA	11	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Extracted: 12-16-11
Date Analyzed: 12-16-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	111	**108**	97	**109**	98	1	
Barium	111	**113**	102	**115**	104	1	
Cadmium	111	**105**	95	**106**	95	1	
Chromium	111	**113**	102	**113**	102	0	
Lead	111	**111**	100	**111**	100	0	
Mercury	12.5	**12.0**	96	**12.2**	97	2	
Selenium	111	**101**	91	**105**	94	3	
Silver	111	**100**	90	**103**	92	3	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Filtered:	12-14-11
Date Analyzed:	12-15&20-11
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB1214F1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.0
Barium	200.8	**ND**	25
Cadmium	200.8	**ND**	4.0
Chromium	200.8	**ND**	10
Lead	200.8	**ND**	1.0
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.0
Silver	200.8	**ND**	10

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Filtered: 12-14-11
Date Analyzed: 12-15&20-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.0	
Barium	**ND**	**ND**	NA	25	
Cadmium	**ND**	**ND**	NA	4.0	
Chromium	**ND**	**ND**	NA	10	
Lead	**ND**	**ND**	NA	1.0	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.0	
Silver	**ND**	**ND**	NA	10	

Date of Report: December 23, 2011
Samples Submitted: December 14, 2011
Laboratory Reference: 1112-101
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Filtered: 12-14-11
Date Analyzed: 12-15&20-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 12-091-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	**209**	105	**205**	102	2	
Barium	200	**205**	102	**207**	104	1	
Cadmium	200	**207**	104	**204**	102	2	
Chromium	200	**188**	94	**188**	94	0	
Lead	200	**201**	101	**195**	98	3	
Mercury	12.5	**12.2**	98	**12.1**	97	1	
Selenium	200	**209**	104	**210**	105	1	
Silver	200	**180**	90	**181**	91	1	

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

Company: GeoEngineers
Project Number: 0180-292-00
Project Name: WSDOT - midway metals
Project Manager: Aaron Waggoner
Sampled by:

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: 12-101

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	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 Metals + Dissolved	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	Well1-W	12/14/11	1100 1245 30	W	13			X	X	X	~~X~~ no sg	X		X				X				

	Signature	Company	Date	Time
Relinquished		GeoEng	12/14/11	1340
Received		SPEEDY	12/14/11	142
Relinquished		Speedy	12/14/11	1620
Received		OnSite Env Inc	12/14/11	1620
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

X Added 12/15/11. DB (STA)

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

February 16, 2012

Aaron Waggoner
GeoEngineers, Inc.
1101 Fawcett Avenue South, Suite 200
Tacoma, WA 98402

Re: Analytical Data for Project 0180-292-00
Laboratory Reference No. 1202-084

Dear Aaron:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2012.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

Case Narrative

Samples were collected on February 8 and 9, 2012 and received by the laboratory on February 9, 2012. 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: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
DP12-W	02-084-01	Water	2-8-12	2-9-12	
DP15-W	02-084-02	Water	2-8-12	2-9-12	
SW9	02-084-03	Water	2-9-12	2-9-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-084-01					
Client ID:	**DP12-W**					
Arsenic	**12**	3.3	200.8	2-10-12	2-10-12	
Barium	**300**	28	200.8	2-10-12	2-10-12	
Cadmium	**ND**	4.4	200.8	2-10-12	2-10-12	
Chromium	**140**	22	200.8	2-10-12	2-10-12	
Lead	**12**	1.1	200.8	2-10-12	2-10-12	
Mercury	**ND**	0.50	7470A	2-10-12	2-10-12	
Selenium	**ND**	5.6	200.8	2-10-12	2-10-12	
Silver	**ND**	11	200.8	2-10-12	2-10-12	
Lab ID:	02-084-02					
Client ID:	**DP15-W**					
Arsenic	**27**	3.3	200.8	2-10-12	2-10-12	
Barium	**400**	28	200.8	2-10-12	2-10-12	
Cadmium	**ND**	4.4	200.8	2-10-12	2-10-12	
Chromium	**180**	22	200.8	2-10-12	2-10-12	
Lead	**16**	1.1	200.8	2-10-12	2-10-12	
Mercury	**ND**	0.50	7470A	2-10-12	2-10-12	
Selenium	**6.8**	5.6	200.8	2-10-12	2-10-12	
Silver	**ND**	11	200.8	2-10-12	2-10-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-084-03					
Client ID:	**SW9**					
Arsenic	**ND**	3.3	200.8	2-10-12	2-10-12	
Barium	**ND**	28	200.8	2-10-12	2-10-12	
Cadmium	**ND**	4.4	200.8	2-10-12	2-10-12	
Chromium	**ND**	11	200.8	2-10-12	2-10-12	
Lead	**8.3**	1.1	200.8	2-10-12	2-10-12	
Mercury	**ND**	0.50	7470A	2-10-12	2-10-12	
Selenium	**ND**	5.6	200.8	2-10-12	2-10-12	
Silver	**ND**	11	200.8	2-10-12	2-10-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-084-01					
Client ID:	**DP12-W**					
Arsenic	**ND**	3.0	200.8		2-10-12	
Barium	**ND**	25	200.8		2-10-12	
Cadmium	**ND**	4.0	200.8		2-10-12	
Chromium	**ND**	10	200.8		2-10-12	
Lead	**ND**	1.0	200.8		2-10-12	
Mercury	**ND**	0.50	7470A		2-10-12	
Selenium	**ND**	5.0	200.8		2-10-12	
Silver	**ND**	10	200.8		2-10-12	
Lab ID:	02-084-02					
Client ID:	**DP15-W**					
Arsenic	**ND**	3.0	200.8	2-9-12	2-10-12	
Barium	**ND**	25	200.8	2-9-12	2-10-12	
Cadmium	**ND**	4.0	200.8	2-9-12	2-10-12	
Chromium	**ND**	10	200.8	2-9-12	2-10-12	
Lead	**ND**	1.0	200.8	2-9-12	2-10-12	
Mercury	**ND**	0.50	7470A	2-9-12	2-10-12	
Selenium	**ND**	5.0	200.8	2-9-12	2-10-12	
Silver	**ND**	10	200.8	2-9-12	2-10-12	
Lab ID:	02-084-03					
Client ID:	**SW9**					
Arsenic	**ND**	3.0	200.8	2-9-12	2-10-12	
Barium	**ND**	25	200.8	2-9-12	2-10-12	
Cadmium	**ND**	4.0	200.8	2-9-12	2-10-12	
Chromium	**ND**	10	200.8	2-9-12	2-10-12	
Lead	**1.6**	1.0	200.8	2-9-12	2-10-12	
Mercury	**ND**	0.50	7470A	2-9-12	2-10-12	
Selenium	**ND**	5.0	200.8	2-9-12	2-10-12	
Silver	**ND**	10	200.8	2-9-12	2-10-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-W**					
Laboratory ID:	02-084-01					
Gasoline	**ND**	100	NWTPH-Gx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***73-121***				
Client ID:	**DP15-W**					
Laboratory ID:	02-084-02					
Gasoline	**ND**	100	NWTPH-Gx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***88***	***73-121***				
Client ID:	**SW9**					
Laboratory ID:	02-084-03					
Gasoline	**ND**	100	NWTPH-Gx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***88***	***73-121***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

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:	**DP12-W**					
Laboratory ID:	02-084-01					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***98***	***50-150***				
Client ID:	**DP15-W**					
Laboratory ID:	02-084-02					
Diesel Range Organics	**ND**	0.30	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	0.48	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***99***	***50-150***				
Client ID:	**SW9**					
Laboratory ID:	02-084-03					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***103***	***50-150***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
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Project: 0180-292-00

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-W**					
Laboratory ID:	02-084-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloromethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Acetone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Iodomethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methylene Chloride	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-12	2-10-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Butanone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Bromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroform	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Benzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Trichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Dibromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-12	2-10-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Toluene	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-W**					
Laboratory ID:	02-084-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Hexanone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Ethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
m,p-Xylene	ND	0.40	EPA 8260	2-10-12	2-10-12	
o-Xylene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Styrene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromoform	ND	1.0	EPA 8260	2-10-12	2-10-12	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Naphthalene	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***88***	***68-120***				
Toluene-d8	***88***	***73-120***				
4-Bromofluorobenzene	***85***	***65-120***				

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Project: 0180-292-00

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-W**					
Laboratory ID:	02-084-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloromethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Acetone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Iodomethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methylene Chloride	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-12	2-10-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Butanone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Bromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroform	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Benzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Trichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Dibromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-12	2-10-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Toluene	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-W**					
Laboratory ID:	02-084-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Hexanone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Ethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
m,p-Xylene	ND	0.40	EPA 8260	2-10-12	2-10-12	
o-Xylene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Styrene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromoform	ND	1.0	EPA 8260	2-10-12	2-10-12	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Naphthalene	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***89***	***68-120***				
Toluene-d8	***89***	***73-120***				
4-Bromofluorobenzene	***86***	***65-120***				

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Project: 0180-292-00

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW9**					
Laboratory ID:	02-084-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloromethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Acetone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Iodomethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methylene Chloride	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-12	2-10-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Butanone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Bromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroform	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Benzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Trichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Dibromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-12	2-10-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Toluene	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW9**					
Laboratory ID:	02-084-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Hexanone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Ethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
m,p-Xylene	ND	0.40	EPA 8260	2-10-12	2-10-12	
o-Xylene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Styrene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromoform	ND	1.0	EPA 8260	2-10-12	2-10-12	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Naphthalene	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***87***	***68-120***				
Toluene-d8	***87***	***73-120***				
4-Bromofluorobenzene	***86***	***65-120***				

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SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-W**					
Laboratory ID:	02-084-01					
n-Nitrosodimethylamine	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Pyridine	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Phenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Aniline	**ND**	4.9	EPA 8270	2-10-12	2-10-12	
bis(2-Chloroethyl)ether	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2-Chlorophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,3-Dichlorobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,4-Dichlorobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Benzyl alcohol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,2-Dichlorobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2-Methylphenol (o-Cresol)	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
bis(2-Chloroisopropyl)ether	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
n-Nitroso-di-n-propylamine	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Hexachloroethane	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Nitrobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Isophorone	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2-Nitrophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,4-Dimethylphenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
bis(2-Chloroethoxy)methane	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,4-Dichlorophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,2,4-Trichlorobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Naphthalene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
4-Chloroaniline	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Hexachlorobutadiene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
4-Chloro-3-methylphenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
1-Methylnaphthalene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
Hexachlorocyclopentadiene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,4,6-Trichlorophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,3-Dichloroaniline	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,4,5-Trichlorophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2-Chloronaphthalene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2-Nitroaniline	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,4-Dinitrobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Dimethylphthalate	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,3-Dinitrobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,6-Dinitrotoluene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,2-Dinitrobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Acenaphthylene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
3-Nitroaniline	**ND**	0.98	EPA 8270	2-10-12	2-10-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-W**					
Laboratory ID:	02-084-01					
2,4-Dinitrophenol	**ND**	4.9	EPA 8270	2-10-12	2-10-12	
Acenaphthene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
4-Nitrophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,4-Dinitrotoluene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Dibenzofuran	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,3,5,6-Tetrachlorophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
2,3,4,6-Tetrachlorophenol	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Diethylphthalate	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
4-Chlorophenyl-phenylether	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
4-Nitroaniline	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Fluorene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
4,6-Dinitro-2-methylphenol	**ND**	4.9	EPA 8270	2-10-12	2-10-12	
n-Nitrosodiphenylamine	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
1,2-Diphenylhydrazine	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
4-Bromophenyl-phenylether	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Hexachlorobenzene	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Pentachlorophenol	**ND**	4.9	EPA 8270	2-10-12	2-10-12	
Phenanthrene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
Anthracene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
Carbazole	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Di-n-butylphthalate	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Fluoranthene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
Benzidine	**ND**	4.9	EPA 8270	2-10-12	2-10-12	
Pyrene	**ND**	0.098	EPA 8270/SIM	2-10-12	2-10-12	
Butylbenzylphthalate	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
bis-2-Ethylhexyladipate	**ND**	4.9	EPA 8270	2-10-12	2-10-12	
3,3'-Dichlorobenzidine	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Chrysene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
bis(2-Ethylhexyl)phthalate	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Di-n-octylphthalate	**ND**	0.98	EPA 8270	2-10-12	2-10-12	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Benzo(j,k)fluoranthene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Indeno[1,2,3-cd]pyrene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270/SIM	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***37***	***18 - 86***				
Phenol-d6	***30***	***10 - 88***				
Nitrobenzene-d5	***66***	***37 - 112***				
2-Fluorobiphenyl	***73***	***42 - 108***				
2,4,6-Tribromophenol	***71***	***39 - 118***				
Terphenyl-d14	***75***	***49 - 122***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

PCBs by EPA 8082

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP12-W**					
Laboratory ID:	02-084-01					
Aroclor 1016	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Aroclor 1221	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Aroclor 1232	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Aroclor 1242	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Aroclor 1248	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Aroclor 1254	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Aroclor 1260	**ND**	0.048	EPA 8082	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***86***	***36-127***				
Client ID:	**DP15-W**					
Laboratory ID:	02-084-02					
Aroclor 1016	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Aroclor 1221	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Aroclor 1232	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Aroclor 1242	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Aroclor 1248	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Aroclor 1254	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Aroclor 1260	**ND**	0.10	EPA 8082	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***81***	***36-127***				
Client ID:	**SW9**					
Laboratory ID:	02-084-03					
Aroclor 1016	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Aroclor 1221	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Aroclor 1232	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Aroclor 1242	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Aroclor 1248	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Aroclor 1254	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Aroclor 1260	**ND**	0.053	EPA 8082	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***92***	***36-127***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DP15-W**					
Laboratory ID:	02-084-02					
Naphthalene	**0.10**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
2-Methylnaphthalene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
1-Methylnaphthalene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Acenaphthylene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Acenaphthene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Fluorene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Phenanthrene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Anthracene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Fluoranthene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Pyrene	**ND**	0.092	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[a]anthracene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Chrysene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[b]fluoranthene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Benzo(j,k)fluoranthene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[a]pyrene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Dibenz[a,h]anthracene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[g,h,i]perylene	**ND**	0.0092	EPA 8270/SIM	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***62***	***38 - 105***				
Pyrene-d10	***64***	***37 - 121***				
Terphenyl-d14	***78***	***32 - 112***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SW9**					
Laboratory ID:	02-084-03					
Naphthalene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Fluorene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Anthracene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Pyrene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Chrysene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***74***	***38 - 105***				
Pyrene-d10	***84***	***37 - 121***				
Terphenyl-d14	***83***	***32 - 112***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-10-12
Date Analyzed:	2-10-12
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0210WM1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.3
Barium	200.8	**ND**	28
Cadmium	200.8	**ND**	4.4
Chromium	200.8	**ND**	22
Lead	200.8	**ND**	1.1
Selenium	200.8	**ND**	5.6
Silver	200.8	**ND**	11

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL MERCURY
EPA 7470A
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-10-12
Date Analyzed:	2-10-12
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0210W1

Analyte	Method	Result	PQL
Mercury	7470A	**ND**	0.50

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL METALS
EPA 200.8
DUPLICATE QUALITY CONTROL

Date Extracted: 2-10-12
Date Analyzed: 2-10-12

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-084-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**11.8**	**11.4**	3	3.3	
Barium	**299**	**270**	10	28	
Cadmium	**ND**	**ND**	NA	4.4	
Chromium	**138**	**118**	16	22	
Lead	**12.0**	**11.6**	4	1.1	
Selenium	**ND**	**ND**	NA	5.6	
Silver	**ND**	**ND**	NA	11	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL MERCURY
EPA 7470A
DUPLICATE QUALITY CONTROL

Date Extracted: 2-10-12
Date Analyzed: 2-10-12

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-028-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.50	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL METALS
EPA 200.8
MS/MSD QUALITY CONTROL

Date Extracted: 2-10-12
Date Analyzed: 2-10-12

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-084-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	222	**218**	93	**219**	93	0	
Barium	222	**493**	87	**482**	82	2	
Cadmium	222	**218**	98	**218**	98	0	
Chromium	222	**308**	77	**314**	79	2	
Lead	222	**238**	102	**229**	98	4	
Selenium	222	**200**	90	**202**	91	1	
Silver	222	**211**	95	**214**	97	2	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

TOTAL MERCURY
EPA 7470A
MS/MSD QUALITY CONTROL

Date Extracted: 2-10-12
Date Analyzed: 2-10-12

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-028-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	**13.9**	111	**13.4**	107	4	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL

Date Filtered:	2-9-12
Date Analyzed:	2-10-12
Matrix:	Water
Units:	ug/L (ppb)
Lab ID:	MB0209F1

Analyte	Method	Result	PQL
Arsenic	200.8	**ND**	3.0
Barium	200.8	**ND**	25
Cadmium	200.8	**ND**	4.0
Chromium	200.8	**ND**	10
Lead	200.8	**ND**	1.0
Mercury	7470A	**ND**	0.50
Selenium	200.8	**ND**	5.0
Silver	200.8	**ND**	10

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
DUPLICATE QUALITY CONTROL

Date Filtered: 2-9-12
Date Analyzed: 2-10-12

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-084-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	**ND**	**ND**	NA	3.0	
Barium	**ND**	**ND**	NA	25	
Cadmium	**ND**	**ND**	NA	4.0	
Chromium	**ND**	**ND**	NA	10	
Lead	**ND**	**ND**	NA	1.0	
Mercury	**ND**	**ND**	NA	0.50	
Selenium	**ND**	**ND**	NA	5.0	
Silver	**ND**	**ND**	NA	10	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

DISSOLVED METALS
EPA 200.8/7470A
MS/MSD QUALITY CONTROL

Date Filtered: 2-9-12
Date Analyzed: 2-10-12

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-084-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	**203**	101	**203**	101	0	
Barium	200	**191**	95	**190**	95	1	
Cadmium	200	**206**	103	**203**	101	2	
Chromium	200	**203**	101	**203**	101	0	
Lead	200	**207**	103	**206**	103	0	
Mercury	12.5	**12.4**	99	**12.4**	100	0	
Selenium	200	**208**	104	**204**	102	2	
Silver	200	**200**	100	**198**	99	1	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0210W1					
Gasoline	**ND**	100	NWTPH-Gx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Fluorobenzene	***90***	***73-121***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-084-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						***90***	***90***	***73-121***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

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:	MB0210W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	2-10-12	2-10-12	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
o-Terphenyl	***92***	***50-150***				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	02-073-01						
	ORIG	DUP					
Diesel Range Organics	**ND**	**ND**			NA	NA	
Lube Oil Range Organics	**ND**	**ND**			NA	NA	
Surrogate:							
o-Terphenyl			***97*** ***98***	***50-150***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloromethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Acetone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Iodomethane	ND	1.0	EPA 8260	2-10-12	2-10-12	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methylene Chloride	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-12	2-10-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Butanone	ND	5.0	EPA 8260	2-10-12	2-10-12	
Bromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chloroform	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Benzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Trichloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Dibromomethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-12	2-10-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Toluene	ND	1.0	EPA 8260	2-10-12	2-10-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-12	2-10-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Hexanone	ND	2.0	EPA 8260	2-10-12	2-10-12	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Chlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
Ethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
m,p-Xylene	ND	0.40	EPA 8260	2-10-12	2-10-12	
o-Xylene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Styrene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromoform	ND	1.0	EPA 8260	2-10-12	2-10-12	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Bromobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Naphthalene	ND	1.0	EPA 8260	2-10-12	2-10-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
Dibromofluoromethane	***89***	***68-120***				
Toluene-d8	***91***	***73-120***				
4-Bromofluorobenzene	***88***	***65-120***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0210W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**11.2**	**10.8**	10.0	10.0	112	108	70-130	4	11	
Benzene	**10.3**	**10.2**	10.0	10.0	103	102	75-123	1	8	
Trichloroethene	**10.4**	**10.5**	10.0	10.0	104	105	80-113	1	9	
Toluene	**10.4**	**10.5**	10.0	10.0	104	105	80-113	1	8	
Chlorobenzene	**11.2**	**11.0**	10.0	10.0	112	110	80-115	2	8	
Surrogate:										
Dibromofluoromethane					***86***	***89***	***68-120***			
Toluene-d8					***87***	***91***	***73-120***			
4-Bromofluorobenzene					***87***	***91***	***65-120***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
n-Nitrosodimethylamine	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Pyridine	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Phenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Aniline	**ND**	5.0	EPA 8270	2-10-12	2-10-12	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2-Chlorophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Benzyl alcohol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
n-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Hexachloroethane	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Nitrobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Isophorone	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2-Nitrophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Naphthalene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
4-Chloroaniline	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Hexachlorobutadiene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2-Chloronaphthalene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2-Nitroaniline	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Dimethylphthalate	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
3-Nitroaniline	**ND**	1.0	EPA 8270	2-10-12	2-10-12	

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
2,4-Dinitrophenol	**ND**	5.0	EPA 8270	2-10-12	2-10-12	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
4-Nitrophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Dibenzofuran	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Diethylphthalate	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
4-Nitroaniline	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Fluorene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
4,6-Dinitro-2-methylphenol	**ND**	5.0	EPA 8270	2-10-12	2-10-12	
n-Nitrosodiphenylamine	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Hexachlorobenzene	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Pentachlorophenol	**ND**	5.0	EPA 8270	2-10-12	2-10-12	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
Anthracene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
Carbazole	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Di-n-butylphthalate	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
Benzidine	**ND**	5.0	EPA 8270	2-10-12	2-10-12	
Pyrene	**ND**	0.10	EPA 8270/SIM	2-10-12	2-10-12	
Butylbenzylphthalate	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
bis-2-Ethylhexyladipate	**ND**	5.0	EPA 8270	2-10-12	2-10-12	
3,3'-Dichlorobenzidine	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Chrysene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Di-n-octylphthalate	**ND**	1.0	EPA 8270	2-10-12	2-10-12	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Indeno[1,2,3-cd]pyrene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorophenol	***49***	***18 - 86***				
Phenol-d6	***38***	***10 - 88***				
Nitrobenzene-d5	***70***	***37 - 112***				
2-Fluorobiphenyl	***73***	***42 - 108***				
2,4,6-Tribromophenol	***89***	***39 - 118***				
Terphenyl-d14	***80***	***49 - 122***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

SEMIVOLATILES by EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0210W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**16.9**	**19.1**	40.0	40.0	42	48	26 - 60	12	29	
2-Chlorophenol	**32.2**	**35.2**	40.0	40.0	81	88	46 - 104	9	34	
1,4-Dichlorobenzene	**15.2**	**16.5**	20.0	20.0	76	83	46 - 92	8	29	
n-Nitroso-di-n-propylamine	**15.9**	**18.0**	20.0	20.0	80	90	30 - 102	12	25	
1,2,4-Trichlorobenzene	**15.7**	**17.1**	20.0	20.0	79	86	45 - 92	9	25	
4-Chloro-3-methylphenol	**35.2**	**39.6**	40.0	40.0	88	99	53 - 108	12	18	
Acenaphthene	**16.7**	**19.1**	20.0	20.0	84	96	57 - 103	13	15	
4-Nitrophenol	**24.3**	**27.0**	40.0	40.0	61	68	21 - 76	11	33	
2,4-Dinitrotoluene	**18.1**	**21.7**	20.0	20.0	91	109	60 - 118	18	20	
Pentachlorophenol	**35.9**	**43.6**	40.0	40.0	90	109	48 - 119	19	31	
Pyrene	**17.6**	**20.4**	20.0	20.0	88	102	62 - 111	15	19	
Surrogate:										
2-Fluorophenol					***51***	***57***	***18 - 86***			
Phenol-d6					***40***	***44***	***10 - 88***			
Nitrobenzene-d5					***70***	***80***	***37 - 112***			
2-Fluorobiphenyl					***70***	***82***	***42 - 108***			
2,4,6-Tribromophenol					***80***	***94***	***39 - 118***			
Terphenyl-d14					***75***	***86***	***49 - 122***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

PCBs by EPA 8082
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0210W1					
Aroclor 1016	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Aroclor 1221	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Aroclor 1232	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Aroclor 1242	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Aroclor 1248	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Aroclor 1254	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Aroclor 1260	**ND**	0.050	EPA 8082	2-10-12	2-10-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
DCB	***80***	***36-127***				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0210W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.389**	**0.431**	0.500	0.500	N/A	**78**	**86**	57-122	10	11	
Surrogate:											
DCB						***83***	***85***	***36-127***			

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0213W1					
Naphthalene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
2-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
1-Methylnaphthalene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Acenaphthylene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Acenaphthene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Fluorene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Phenanthrene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Anthracene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Fluoranthene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Pyrene	**ND**	0.10	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[a]anthracene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Chrysene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[a]pyrene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270/SIM	2-13-12	2-13-12	
Surrogate:	***Percent Recovery***	***Control Limits***				
2-Fluorobiphenyl	***78***	***38 - 105***				
Pyrene-d10	***90***	***37 - 121***				
Terphenyl-d14	***85***	***32 - 112***				

Date of Report: February 16, 2012
Samples Submitted: February 9, 2012
Laboratory Reference: 1202-084
Project: 0180-292-00

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

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0213W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.352**	**0.360**	0.500	0.500	70	72	38 - 110	2	35	
Acenaphthylene	**0.350**	**0.395**	0.500	0.500	70	79	47 - 120	12	30	
Acenaphthene	**0.349**	**0.374**	0.500	0.500	70	75	46 - 113	7	26	
Fluorene	**0.373**	**0.404**	0.500	0.500	75	81	58 - 104	8	25	
Phenanthrene	**0.370**	**0.390**	0.500	0.500	74	78	61 - 99	5	19	
Anthracene	**0.378**	**0.404**	0.500	0.500	76	81	55 - 122	7	19	
Fluoranthene	**0.434**	**0.459**	0.500	0.500	87	92	58 - 129	6	18	
Pyrene	**0.423**	**0.442**	0.500	0.500	85	88	57 - 126	4	25	
Benzo[a]anthracene	**0.408**	**0.447**	0.500	0.500	82	89	51 - 124	9	18	
Chrysene	**0.398**	**0.412**	0.500	0.500	80	82	53 - 123	3	20	
Benzo[b]fluoranthene	**0.497**	**0.526**	0.500	0.500	99	105	53 - 126	6	18	
Benzo(j,k)fluoranthene	**0.461**	**0.489**	0.500	0.500	92	98	51 - 126	6	23	
Benzo[a]pyrene	**0.392**	**0.410**	0.500	0.500	78	82	52 - 127	4	21	
Indeno(1,2,3-c,d)pyrene	**0.416**	**0.428**	0.500	0.500	83	86	49 - 123	3	26	
Dibenz[a,h]anthracene	**0.444**	**0.465**	0.500	0.500	89	93	39 - 125	5	31	
Benzo[g,h,i]perylene	**0.441**	**0.466**	0.500	0.500	88	93	40 - 125	6	30	
Surrogate:										
2-Fluorobiphenyl					***63***	***69***	***38 - 105***			
Pyrene-d10					***84***	***86***	***37 - 121***			
Terphenyl-d14					***78***	***77***	***32 - 112***			

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

OnSite Environmental

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14648 NE 95th St.
Redmond, WA 98052
(425) 883-3881

☒ Rush 4 Day
☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
GeoEngineers	Aaron Waggoner	2/9/11	12708
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1101 S. Fawcett Ave #200	253.383.4940		
City / **State** / **Zip Code**	**Sampler**	**Lab Contact**	
Tacoma / WA / 98402	JCD	David Baumeister	
Project Name and Location (State)	**Billing Contact**		
WSDOT-Midway Metals			
Contract/Purchase Order/Quote No.			
WSF# 0180-292-00			

	Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	#	Analysis: RCRA 8 metals - TSTM	RCRA metals - Dissolved	NWTPH-Gx	NWTPH-Dx	VOC 8260B	SVOCs 8270D/SIM	PCBs 8082	PAHs Low level	Special Instructions/ Conditions of Receipt
																							02-084
1	DP12-W	2/8/12	1300		X									13	X	X	X	X	X	X	X		2 HNO3 Poly - 1 filtered and 1 unfiltered
2	DP15-W	2/8/12	1445		X			1*		1*				9	X	X	X	X	X		X	X	* HNO3 and unpreserved Poly both unfiltered.
3	~~SED9-W~~ SW-9 SW9 D3	2/9/12	1030		X			1*		1*	5 VOA 1 ea other			13	X	X	X	X	X		X	X	* Same as DP15-W for Metals

Cooler	Possible Hazard Identification	Sample Disposal	
☐ Yes ☐ No Cooler Temp:_____	☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☒ 10 Days (Standard) ☐ 15 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Aaron Waggoner	2/9/12	1630	1. Received By Sign/Print: MVOW	2/9/12	1630
2. Relinquished By Sign/Print			2. Received By Sign/Print		
3. Relinquished By Sign/Print			3. Received By Sign/Print		

Comments: Not Enough Volume for DP15-W for any followup analyses.

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)